



**NBA Accredited
B.Tech core branches**



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

Thalakkottukara P.O., Thrissur – 680 501, Kerala, India

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At **VAS** We deliver **WORLD** changers

Becoming an engineer is not only about solving problems, it is a combination of technical skills, innovation and creative thinking. Here you design and develop your own personality and future. We are among the top-ranked institutions offering you an array of global opportunities.

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

Our Vision

Progress through Education

Our Mission

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



Ranking

Ranked **2nd**
in 2014 among self-financing
engineering colleges under
University of Calicut based
on pass percentage



University Ranks

Secured **33**
University ranks in
B.Tech, M.Tech and MCA



Student Enrollment

2441 Under-Graduates
296 Post-Graduates



Faculty

198 Full-time faculty
23 Faculty hold
doctoral degrees
22 International faculty from
14 countries have visited VAS



Principal's Message

To reach higher echelons of learning,

Know the theory and facts,

Understand the fundamental concepts,

Apply your innovative ideas,

Analyze your designs and codes,

Evaluate what you have developed,

Create a unique product.

At Vidya, we create creative engineers

through all levels of taxonomy of engineering education.

Dr. Sudha Balagopalan

M.Tech., Ph.D.

Principal



Ph.D (Power Systems) NIT, Calicut

M.Tech. (Hons) (Power Systems)
Govt. Engg. College, Thrissur

B.Sc. (Engg) (Hons) (Electrical Engg.)
NIT, Calicut



Placement

30 Companies visited our campus for recruitment in 2016-17. Tata Consultancy Services (TCS) has been visiting our campus consecutively for the last 8 years



Scholarships

122 New Scholarships worth **Rs.2 crore** is being awarded every year



Sports

VAS Students represented **Calicut University team** in Chess, Sepak Takraw and Table Tennis and **KTU Table Tennis team** for the year 2016





Academic Excellence

- **VAS is ranked 2nd** in 2014 among self-financing engineering colleges under University of Calicut based on pass percentage.
- VAS has secured **33 university ranks** during last decade.
- MCA students have secured university **1st rank for four consecutive years.**



Research, Innovation and Entrepreneurship

■ APJ Abdul Kalam Technological University has recognized VAS as a **Research Centre**. ■ VAS in collaboration with **Bosch Limited**, the German autogiant, has setup a state-of-the-art equipment laboratory to provide **hands on training on automotive technology** with focus on electrical and vehicle diagnostics. ■ VAS Innovation and Entrepreneurship Development Centre (IEDC) has been recognized by **Kerala Startup Mission** under Startup Boot camp Scheme of Government of Kerala and received a grant of Two lakhs for various functions of the IEDC.



Accreditation

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



Placements

■ VAS is a **Tata Consultancy Services (TCS)** accredited campus and a partner institute under the Infosys Campus Connect program. ■ VAS is also a member institution under **ICT Academy of Kerala** and a member of **Thrissur Management Association (TMA)**. ■ **VAS has an excellent placement track record** with students getting placed in leading IT and Non-IT companies. Several students avail higher education opportunities and pursue post-graduation programs like M. Tech / MBA / MS after completing their graduation.



Recognition from Industry and Professional Societies

■ 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 2016. ■ VAS is recognized as an "Advanced Partner Institute" under the Infosys Campus Connect Programme for the year 2015

VAS
in the path
of excellence...



Scholarships & 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 for Scholarships.**



Accolades in Sports and Games 2016-17

Table Tennis	: Runners-up in the KTU Inter Collegiate Table Tennis Championship
Chess	: Runners-up in the Calicut University Inter Collegiate Chess Championship
Football	: Runners-up in All Kerala Inter Collegiate Football Championship.
Badminton	: Runners-up in the KTU Inter Collegiate Badminton Championship
Yoga	: Secured THIRD in the Calicut University Inter Collegiate championship





« University Toppers ... Pride of VAS



Neethu Mohan
1st Rank, B.Tech (ECE)
2015



Lakshmy Rajan P
1st Rank, B.Tech (PE)
2015



Ashid Sha Jaleel
1st Rank, B.Tech (PE)
2014



Shajna Musthafa
1st Rank, MCA
2014



Tainu Ousey
2nd Rank, MCA
2014



Praji Pradeep P
3rd Rank, MCA - 2015



Keerthy Jayadevan
2nd Rank, B.Tech (CSE)
2014



Devika K. N
2nd Rank, B.Tech (CE)
2014



E.R. Rahul Krishnan
3rd Rank, B.Tech (PE)
2014



Aparna M.P
4th Rank, B.Tech (ECE)
2014



Nimmy Krishnan
5th Rank, B.Tech (CSE)
2014



Shahana M. A
1st Rank, MCA
2013



Nitish H
1st Rank, B.Tech (PE)
2013



Manasa Manohar
1st Rank, B.Tech (PE)
2013



Girish T
2nd Rank, B.Tech (PE)
2013



Sobhitha Venugopal
3rd Rank, B.Tech (PE)
2013



Ann Mary John
1st Rank, MCA
2012



Veena N. V.
1st Rank, MCA
2011



Uma Narayanan D
3rd Rank, MCA
2011



Faseela M. K.
4th Rank, B.Tech (PE)
2011



Harsha P. U
5th Rank, B.Tech (PE)
2011



Gokul R
2nd Rank, B.Tech (CE)
2011



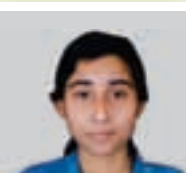
Vandana V
5th Rank, B.Tech (CE)
2011



Jerish P. J.
1st Rank, B.Tech (PE)
2011



Ambareesh P
4th Rank, B.Tech (PE)
2011



Reeba John N
4th Rank, B.Tech (CE)
2010



Anjitha V
3rd Rank, B.Tech (ECE)
2010



Suneesh E.
2nd Rank, B.Tech (PE)
2010



Patrick Liton P. J.
3rd Rank, B.Tech (PE)
2010



Nitha Ayinipully N
1st Rank, B.Tech (CE)
2010



Badhriya V.A.
3rd Rank, B.Tech (CSE)
2008



Vidya B.
5th Rank, B.Tech (EEE)
2007



Prabath K
4th Rank, B.Tech (ME)
2007



DIRECTORS >>



Dr. Gangan Prathap
Research Director

B. Tech and Ph.D. in Aeronautical Engineering,
IIT Madras.

Formerly, Director of NIIST and NISCAIR;
Vice-Chancellor, University of Kerala & CUSAT



Dr. Sudha Balagopalan
Principal



Dr. V. N. Krishnachandran
Vice-Principal & HoD-MCA



**Dr. M. N. Agnisarman
Namboodiri**
Dean, PG Studies



Dr. Anil B.
Academic Director

M.Tech in Machine Design; Ph.D from IIT
Madras.

Formerly, Principal, Govt. Engg. College,
Trivandrum; Chairman, ISTE



Dr. Latha Raj P.
Director,
Students Welfare &
Social Projects, VICT
Formerly, Principal,
Maharajas College, Ernakulam



**Dr. K. B. Maheswaran
Nampoothiripad**
Professor, ME



**Dr. T. N. Padmanabhan
Nambiar**
Professor, EEE

HEADS OF DEPARTMENT >>



Dr. V. Jayaraman
Department of
Mechanical Engineering



Prof. K. V. Leela
Department of
Civil Engineering



Prof. T. K. Rajendran
Department of
Production Engineering



Prof. Remani T.
Department of Electrical &
Electronics Engineering



Dr. Satheesh S.
Department of
Applied Science



Prof. C. Sunitha
Department of Computer
Science & Engineering



Dr. S. Swapna Kumar
Department of Electronics &
Communication Engineering



Dr. Rose V.V.
Department of
Humanities



Prof. Ramesh K. V.
Department of
Physical Education



Mr. Paul J. Chakola
Department of
Training & Placement Head

« Some prominent visitors over the years...



**Dr. Narayanan
Komerath**

Georgia Institute of Technology,
USA



**Dr. Kankar
Battacharya**

Professor,
University of Waterloo, Canada



**Dr. Shankar P
Bhattacharyya**

Texas A & M University



**Padma Bhushan
Dr. Thomas Kailath**

Stanford University



Mr. Nidhin Kadavil

President,
TriSeas International, USA



Dr. P.V. Aravind

Delft University of Technology,
Netherlands



**Dr. Promod
Khargonekar**

University of Florida



Dr. Biswa Nath Datta

Northern Illinois University



Prof. Harish Pillai

IIT, Mumbai



Dr. Ishak Bin Aris

Deputy Director,
University Putra Malaysia
(Institute of Advanced Technology)



Mr. Patrick N Davis

Vice President of
Carter Cryogenic Services (CCS),
USA.



VAS Training and Placement Centre »

VAS has an excellent placement track record with students getting placed in leading IT and Non-IT companies. Several students avail higher education opportunities and pursue post-graduation programs like M.Tech / MBA / MS after completing their graduation.

Top Recruiting Companies at VAS

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

237 Placement offers 2016-17

30 Companies visited our campus for recruitment in 2016-17.



Tata Consultancy Services (TCS) accredited campus



TCS has been visiting our campus consecutively for the last 8 years



Infosys a partner institute under the Infosys Campus Connect program



Prof. Paul J. Chakola, 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.

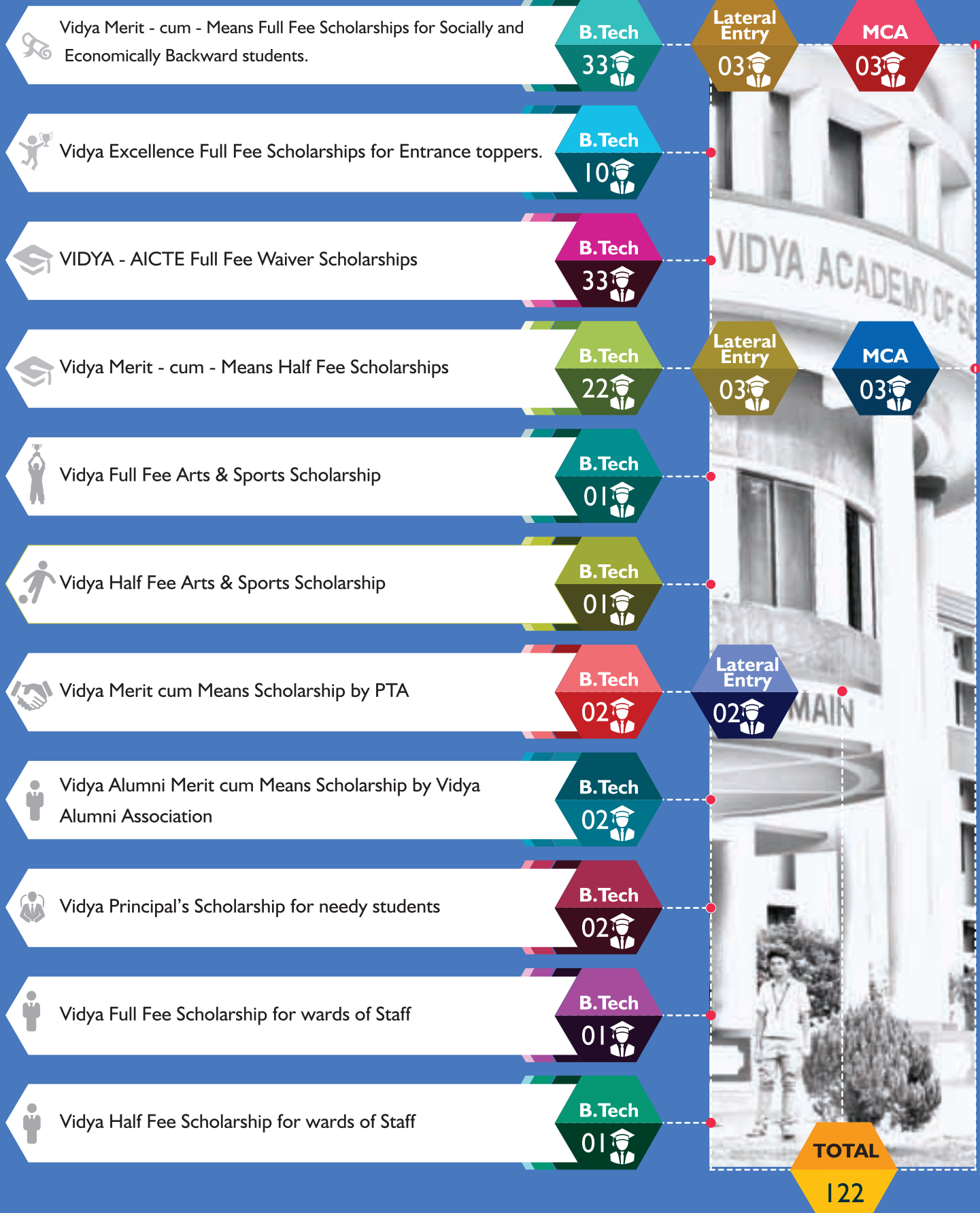
TCS placed students in 2017





« Scholarships

VAS offers 122 Scholarships every year to outstanding students based on financial need, academic merit, or both.



Courses Offered

B.Tech				M.Tech	
	Intake	Lateral Entry	Fee Waiver		Intake
Civil Engineering	120	24	6	Computer Science & Engineering	30
Computer Science & Engg.	120	24	6	Power Electronics	30
Electronics & Communication Engg.	120	24	6	Structural Engineering	24
Electrical & Electronics Engineering	120*	12	6	Embedded Systems	24
Mechanical Engineering	120	24	6	MCA	
Production Engineering	60	12	3		
				Master of Computer Applications (MCA)	Intake Lateral Entry
				60	12*

* Subject to approval of Govt./University

VAS Admission

VAS offers Undergraduate courses in B.Tech and Postgraduate courses in M.Tech and MCA, all affiliated to APJ Abdul Kalam Technological University and approved by AICTE

Directly migrate to U.S from VAS



Mr. Alwin Dawis
B.Tech EEE

Student exchange programme with State University of New York, New Paltz

After his first 2 years in VAS (B.Tech - EEE) continued his B.S Degree from State University of New York, New Paltz. Presently working with Procter & Gamble as Fabric Care Product Supply, Electrical Engineer.

Admission Procedure

Eligibility : As per the guidelines of CEE, Universities, Government of Kerala and AICTE.

How to apply for Management Seats: Candidates who wish to apply under the Management quota can submit their application online.

ONLINE Application will start from 05 April 2017 through the college website www.vidyaacademy.ac.in

Print copy of the ONLINE application form is required to be submitted to the college along with copies of Plus 2 mark list and KEAM 2017 Admit Card before closing date of application.

For admission procedure, fees structure and other information about college, Kindly refer our website www.vidyaacademy.ac.in and **Admission Prospectus 2017**

Admission Helplines

B.Tech 8281 79 55 55

M.Tech 8281 59 55 55

MCA 8281 39 55 55

» Civil Engineering

NBA Accredited

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. The department offers four year B.Tech programme in Civil Engineering and two year M. Tech programme in Structural Engineering.

Highlights of the Department

- ▶ Professional societies like ISTE and IE (I) provide opportunities for the overall development of the students and are active throughout the year. The department conducts add-on courses/training in softwares related civil and structural engineering to enhance the professional skill of the students.
- ▶ The department undertakes industrial consultancy works as a part of its interaction with industry in structural design, water supply, waste water treatment, solid waste management and watershed management.
- ▶ The department has received financial assistance from external agencies to enhance research activities in funded projects.
- ▶ Our students are placed in TATA Consultancy Services Ltd, Infosys Ltd, Design Pendant, Abtech Constructions, Aarbee Structures Pvt. Ltd, Al Reyami group, COSTFORD, UIT CADD Centre, Indian Navy, FINE Engineers & Architects, Sobha Developers, Skyline Builders, Enarc Constructions, Confident Group etc.
- ▶ The department organizes seminars, technical events in collaboration with industries and research institutions in National level.



We secured second prize for the best Project **Laundry Waste Water Treatment** in the **ICTAK TECHATHLON 2016-17** held at Techno Park, Trivandrum.



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

Senior faculty in the department

1. Dr. C. Justin Jose, Professor
2. Dr. Santhosh Prasannan, Professor
3. Dr. Deepa Mohan, Professor
4. Prof. Abhilasha P.S, Professor
5. Prof. V Jayadevan, Professor



"Hasti Griha", A Start up initiative of Civil Engineering department with Athira.K (CEO), Atheena Baburaj (CRO), Amrutha Krishnankutty (CCO), participated in a National level FARIDABAD SMART CITY DESIGN and secured Third position with cash prize worth Rs.20,000/-



- ▶ **Nitha A. N.** and **Reeba Job**, secured First and Fourth ranks respectively in the Calicut University B.Tech examinations for the year 2010.
- ▶ **Gokul Raveendran K.** secured Second rank in the Calicut University B.Tech examination for the year 2012.
- ▶ **Devika K. N.** secured Third rank in the Calicut University B.Tech examination for the year 2014.

» Computer Science and Engineering

The department offers four year B.Tech programme and two year M.Tech programme in Computer Science & Engineering.

Highlights of the Department

- » Excellent placement record in reputed companies like TCS, Infosys, UST Global, Experion Technologies, Mphasis, SLK Software, Sutherland, Poornam Infovision, Mindtree, IBM Software Services, IBM etc.
- » Department offers value added courses to enable students to widen their horizon of knowledge.
- » Provided Internships to the students in the companies like E & Y, Kochi Metro Rail Ltd. Etc which help them shape their future paths in the areas of research, industry & entrepreneurship.
- » Membership in professional bodies IE, ISTE & CSI.
- » Department conducted conferences, seminars, FDPs & workshops to improve teaching and learning skills.
- » Received funds for faculty and student projects from reputed organizations like KTU, IE, KSCSTE.

Student Achievements

- » Second prize in "Maker Fair 2016" competition under the banner of IEEE Asia.
- » Developed a mobile application "Rail Me" to assist railway passengers.



Runners Up in **"Maker Fair 2016"** competition held at Kumaraguru college of technology, Coimbatore under the banner of IEEE Asia Maker Fair 2016 Competition



Advanced Computer Lab



Head of the Department
Prof. Sunitha. C
M.Tech., Ph.D*, MISTE, MCSI

Senior faculty in the department

1. Dr. M. N. Agnisarman Namboodiri, Professor
2. Col. M. P. Induchudan (Retd.), Professor
3. Prof. E.T. Sivadasan, Professor



Secured **second prize** in NASSCOM Startup 20-20 programme for developing a portable cloud infrastructure "Cloud Box" using Raspberry pi and hosting a website in it.



- » **Ms. Keerthy Jayadevan** secured **SECOND** Rank in Calicut University for B.Tech.
- » **Ms Badhriya V Abdul** secured **Third Rank** in Calicut University for B.Tech.

» Electronics and Communication Engineering

The department offers four year B.Tech programme in Electronics and Communication Engineering and two year M.Tech programme in Embedded Systems, that provide students with the knowledge and tools they need to succeed in the Electronics and Communication Engineering.

Our graduates are placed in reputed organizations such as TCS, Intel, IBM, HP, TCS, Infosys, Wipro, CDAC, NEST, UST, IBS, Mindtree and others. Many students pursue higher studies in Indian and foreign universities, while some of them have setup their own ventures.

Highlights of the department

- » Students are provided with career oriented training.
- » VAS signed Memorandum of Understanding with Centre for Development of Advanced Computing (C-DAC) for providing host of services in the area of research, training and projects.
- » Institutional membership of IETE, IE(I), IETE, ISTE, etc are tapped to provide opportunities for the students.
- » The department offers several value added courses in LaTeX Software, MATLAB, CNAP, C++ Programming, Entrepreneurship, Embedded C, Advanced Embedded Processors, Optical Communication Using MATLAB and SIMULINK.
- » The department also conducts workshops, add-on-courses and faculty development programs regularly for improving the teaching and learning quality.



We secured first prize in the prototype designing competition at **ICTAK TECHATHLON 2016-17** at Technopark, Trivandrum



Advanced Communication Lab



Head of the Department
Dr. S. Swapna Kumar
MBA, M.Tech, Ph.D
F I E, C. Engg (I), MISTE, MIEEE

Senior faculty in the department

1. Dr. Lenina S. V. B., Professor
2. Prof. Jeeva K.A., Professor
3. Prof. Balan. K., Professor



- » **Ms. Neethu Mohan** (Graduated in 2015) secured First Rank in Calicut University for B.Tech. ECE.
- » **Ms. Anjitha V** (Graduated in 2010) secured Third Rank in Calicut University for B.Tech. ECE.



Workshop on Android Application Development: The ECE department technical chapters [IE(I), IETE, ISTE & AEC] together with Technophilia systems conducted a Two Day workshop on "Android Application Development"

» Electrical and Electronics Engineering

NBA Accredited

Highlights of the Department

- » Professional societies like IEEE, ISTE and IE(I) provide opportunities for the overall development of the students.

Our students are placed in various companies like Schiedner Electric, KSEB, Raychem Ltd, TCS, Infosys, various banks (SIB, Federal, Canara etc), Assyst International Ltd, CTS, IBM, HCL, Keltron, GE, BHEL, ISRO, NTPC, start-ups etc.

- » Add on Courses on MEP and AutoCAD are conducted in the department to increase the employability of the students. MoU signed with COMMAND tech CAD & IT PVT. LTD to get intense practical exposure in Revit, Electrical design, Electrical BIM Modeling.
- » The department organized 3 highly acclaimed International Conferences "EPSCICON" graced by Padmabhushan Dr. Thomas Kailath, Dr. Yutaka Yomomoto, Dr. Kok Lay Teo, Dr. Biswa Nath Datta, Dr. Delfim Torres etc from more than 14 countries.
- » The department received financial assistance from external agencies for projects.
- » Consultancy services are offered by the department in all electrical domains under the name VEC (VAST Electrical Consultancy services).



Analog / Digital Electronics Lab

The department offers four year B.Tech. programme in Electrical & Electronics Engineering and two year M.Tech. programme in Power Electronics.



Head of the Department
Prof. Remani.T
M.Tech, FIE, MISTE

Senior faculty in the department

1. Dr. Sudha Balagopalan, Principal
2. Dr. T. N. Padmanabhan Nambiar, Professor
3. Prof. Rajesh S.K, Professor
4. Prof. Mary P. Varghese, Professor
5. Dr. Nimal Madhu, Professor



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



Dr. Balamurugan, Amrita University during workshop on **"Power Systems Lab"** conducted by the department.

Mechanical Engineering NBA Accredited

The B.Tech course in Mechanical engineering was established in 2003 and is accredited by the National Board of Accreditation (NBA), New Delhi. It is one of the most preferred undergraduate courses by the engineering aspirants. With the right blend of theory and practice in subjects such as Mechanics, Design of Machines, Computer Aided Design and Manufacturing (CAD/CAM), Computational Fluid Dynamics, Finite Element Analysis, Thermal Engineering, etc., this course has well laid itself as a prominent option for student community.

Highlights of the Department

- ▶▶ Highly qualified faculty including visiting/adjunct professors
- ▶▶ VAS in collaboration with Bosch Limited, the German autogiant, has setup a state-of-the-art equipment laboratory to provide hands on training to the students on automotive technology with focus on electrical and vehicle diagnostics
- ▶▶ All laboratories are equipped with state-of-the-art equipments
- ▶▶ High performance computing station with dedicated login from APJ Abdul Kalam Technological University.
- ▶▶ Research laboratory with high configuration work stations
- ▶▶ Department undertakes funding projects from Industries, Government and other establishments.



Mr. Patrick N Davis, Vice President, Carter Cryogenic Services (CCS), USA. and Mr. Nidhin Kadavil, President, TriSeas International, USA during International Seminar on **“Cryogenic Liquid Pumping”**



Production Engineering Lab



Head of the Department
Dr. V. Jayaraman
 Ph.D, Post Doctoral

Senior faculty in the department

1. Prof. Dileep K, Professor
2. Dr. K. B. Maheswaran Nampoothiripad, Professor
3. Dr. Narayan Komareth, Professor
4. Prof. Biju P.V., Professor
5. Dr. Sooraj K Prabha, Professor
6. Prof. Rajesh N.P, Professor



“The Mini Excavator” indigenously designed and developed by our students



» Production Engineering

- » Production Engineering discipline encompasses Basic Engineering and Mechanical Engineering emphasizing advanced manufacturing concepts.
- » This course is most suitable for students seeking higher education especially MBA, since the curriculum provides substantial emphasis for key Management topics apart from core engineering subjects.
- » As part of the academic curriculum, all students are encouraged to undergo internship training in reputed organizations.

Core Areas : It deals with Engineering Materials, Machining Science, Welding, Forming, Casting, CAD/CAM/CIM, Tool Design, Process Engineering & Tooling, Mechatronics & management.

Job areas : Production engineers are employed in industries like manufacturing, automobile, construction, jewellery, refining and service. They are also highly sought after by Public sector undertakings and Banks.

Highlights of the Department

- » **First rank** in Calicut University for THREE consecutive years and has produced 13 rank holders since its inception.
- » GATE coaching and soft skill development programs are being arranged in an organized manner.
- » Certified add-on courses on 'CNC machining with Master CAM' to expand curriculum.
- » PE department is offering consultancy services in the following.
 - » Completion of Lab experiments for AMIE students (stream: Production Engineering) registered with Institution of Engineers, Kolkata.
 - » Study and evaluation of Cutting tool forces using lathe tool dynamometer.



Production Engineering Lab



Head of the Department

Prof. T. K. Rajendran

M. Sc. Engineering (Mechanical), FIE
Chartered Engineer of Institution of Engineers
Formerly, Deputy General Manager,
VSSC/ISRO, Trivandrum

Senior faculty in the department

1. Prof. Anil Kumar K.R., Professor
2. Prof. K.K. Sangeeth, Professor



A one day **workshop on safety awareness**



Our Student project named **“Design and Fabrication of Integrated Macadam Road Construction Machine”** has been granted financial assistance offered by Kerala State Council for Science Technology and Environment during June 2015.

» Master of Computer Applications

Highlights of the Departments

- » Workshops in Web Hosting, LaTeX, Malayalam Computing, Google Sites, and in many more areas.
- » Competitive ambience to acquire knowledge and to develop and sharpen skills to excel in life and work
- » Contests like E-SPIDERZ (web site designing contest)
- » Workshops like CHIP-to-NET for the students of neighbouring Arts and Science College.
- » Focussed training for skill development and placement.
- » First ranks in Calicut University for Four consecutive years.
- » Placement in reputed companies for more than 50% of eligible students
- » Pass percentage consistently above 85% every year
- » Add-on courses to expand curriculum

Major Achievements of Staff

- » Dr Jisha Jose Panackal, Associate Professor, registered a patent application in Intellectual Property India, Regional Office, Chennai, in December 2014.



- » Ms. Praji Pradeep (2015) - Third Rank
- » Ms. Shajana Musthafa (2014) - First Rank
- » Ms. Tainu Ousey (2014) - Second Rank
- » Ms. Shahana MA (2013) - First Rank
- » Ms. Ann Mary John (2012) - First Rank
- » Ms. Veena MV (2011) - First Rank
- » Ms. Uma Narayanan D (2011) - Third Rank



Computer Lab



Head of the Department
Dr. V. N. Krishnachandran
M Sc, Ph D, MISTE

Senior faculty in the department

1. Dr. Jisha Jose Panackal, Professor
2. Prof. Reji C Joy, Professor
3. Prof. Sajay K.R., Professor
4. Prof. Dijesh. P, Professor

Placement Details

Major recruiters of MCA students

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

Distinguished Alumni

- » Ms Ajana C S (2010 Admissions) is pursuing MS programme in Computer Science in University of Illinois at Chicago

» Department of Applied Science

Mathematics is an inevitable ancillary subject for any branch of technical studies, without which the foundation of engineering education would be built on shifting sands. Physics and Chemistry are of equal importance to technical education as Mathematics.

Senior faculty in the department

1. Prof. Sulochana M.V, Professor
2. Dr. Jiby Jose Kizhakepedika, Professor
3. Dr. Sudev N.K., Professor
4. Prof. Susanth C., Professor
5. Prof. Nisha A. B., Professor
6. Dr. Sobha A.P., Professor
7. Smt. Asha Nair, Asst. Professor
8. Dr. Vineetha.C. P., Asst. Professor



Head of the Department
Dr. Satheesh S
M. Sc, Ph.D



M.Tech.

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 and design of earthquake resistant structures, Advanced design of metal structures and design of pre-stressed concrete structures.



Material Testing Lab



M.Tech.

Computer Science & 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.



Project Lab

M.Tech.



VLSI Lab



M.Tech.

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.

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.

« Some of our outstanding Alumni.....

... who became Successful Entrepreneurs



Mr. Anup Mohan
B.Tech CSE, 2009

Director
Flamingos MEDIA
(a Digital & Mobile
marketing company
based at Startup Village)
Kochi



Mr. Rishwan Mammootty
B.Tech EEE, 2008-12

Founder & CEO of
Scientific Wizard
Ernakulam



Mr. Jinto Arangassery
B.Tech ME, 2003-07

Hailstone Pvt. Ltd.
Trichur

.... who are pursuing their academic dreams abroad



Mr. Nithin Padmanabhan
B.Tech-EEE 2003-07
Doctorate Researcher,
University of Waterloo



Mr. Jayadevan Raja
B.Tech-CSE
Research Scholar,
State University of
NewYork



Ms. Ananthalakshmy Krishnamoorthy
B.Tech - EEE Graduate Researcher,
Worcester Polytechnic Institute, USA



Ms. Ajana C. S.
MCA-2010 PG student,
University of Illinois,
Chicago



Mr. Ajin Aravind
EEE 2003-07 Awarded
M.S Degree from University of
Wollongong, Australia

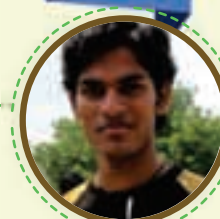
.... who excelled in higher studies in great institutions in India



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



Ananthalakshmy
EEE, MIT
1st Rank



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



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



Anitha C.
CE, IIT Mumbai
2nd Rank



Aswathy P.
CE, NIT Trichy
2nd Rank



Suneesh
PE, GEC Trichur
1st Rank



Vandana V.
CE, NIT Trichy
3rd Rank



Nikhil Menon
ME, NIT Calicut
1st Rank



Nitha A. Nalarajan
CE, IIT, Chennai
Research Scholar



Finto Raphel
NIT, Calicut
Research Scholar



Raveen R. Menon
IIT, Mumbai
Research Scholar

« Infrastructure & Facilities

Campus

- Over 30 acres of aesthetically landscaped lush green campus providing a serene ambience. Total Built-up area of 4.5 lakhs sq.ft
- College has a fully air-conditioned auditorium with excellent acoustics having a seating capacity of over 1500.
- The college offers transportation facility for both students and staff. We have 28 buses operating on 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 and reading room, telephone, Gym, and round the clock security
- Maximum security within and outside the campus, students Insurance and Healthcare facility
- Banking facilities: A branch of Indian Overseas Bank is functioning within the campus.
- Canteen and Cafeteria: A food court built to the highest standards of hygiene is functioning within the campus. A cafeteria is also working in the campus.

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 Lab: Language Laboratory to improve the english language usage among students

Computing & Virtual Facilities

- The computing facility and IT infrastructure at VAS caters to the requirements of all the faculty, students and staff. The college has over 1060 terminals and secured data centre comprising 4 IBM servers and high-end 10 HP workstations with powerful rack servers. The institute has robust networking solution with CISCO devices.
- All computers in the institute have access to 140 Mbps internet connection.
- High end firewall security featured network. Comprehensive multi campus ERP system.
- Highly sophisticated surveillance and access control system. High end biometric system/Online Attendance.

Central Library

- ▶ The Central Library is open on all 7 days in a week and has carpet area of 1764 sqmt and has over 31,000 books on all relevant science, engineering subjects and general reading.
- ▶ The Library also subscribes to a large number of national and international journals.
- ▶ To access our vast collection of electronic resources, we have a computer centre with 60 systems attached to the Library.
- ▶ To avail the Library facilities effectively, each class is provided with an exclusive Library hour. The Library follows open access system. It has separate sections like spacious stack area, Circulation Counter, Digital Library, Periodical section, Reference section, WiFi enabled Reading halls.



A
serene
place ideal
for self-learning
and generating ideas

Student Support »

Group Advisory System

A group advisory system has been implemented very effectively in order to help the students. Each student is attached to a faculty advisor who will be responsible for the welfare of those under him/her. The faculty advisor keeps records of all academic and extra-curricular activities besides personal information of the students under him/her.

Sameeksha - The Trainers Club

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 the students.

Community Service Cell - NSS



NSS State level programme, LED KERALA (Local Empowerment through Digitalization) was officially inaugurated on 18th June, 2016, by the Pro-Vice-Chancellor of APJ Abdul Kalam Technological University, Dr. M Abdul Rahman. The project is being implemented in Velur panchayat.

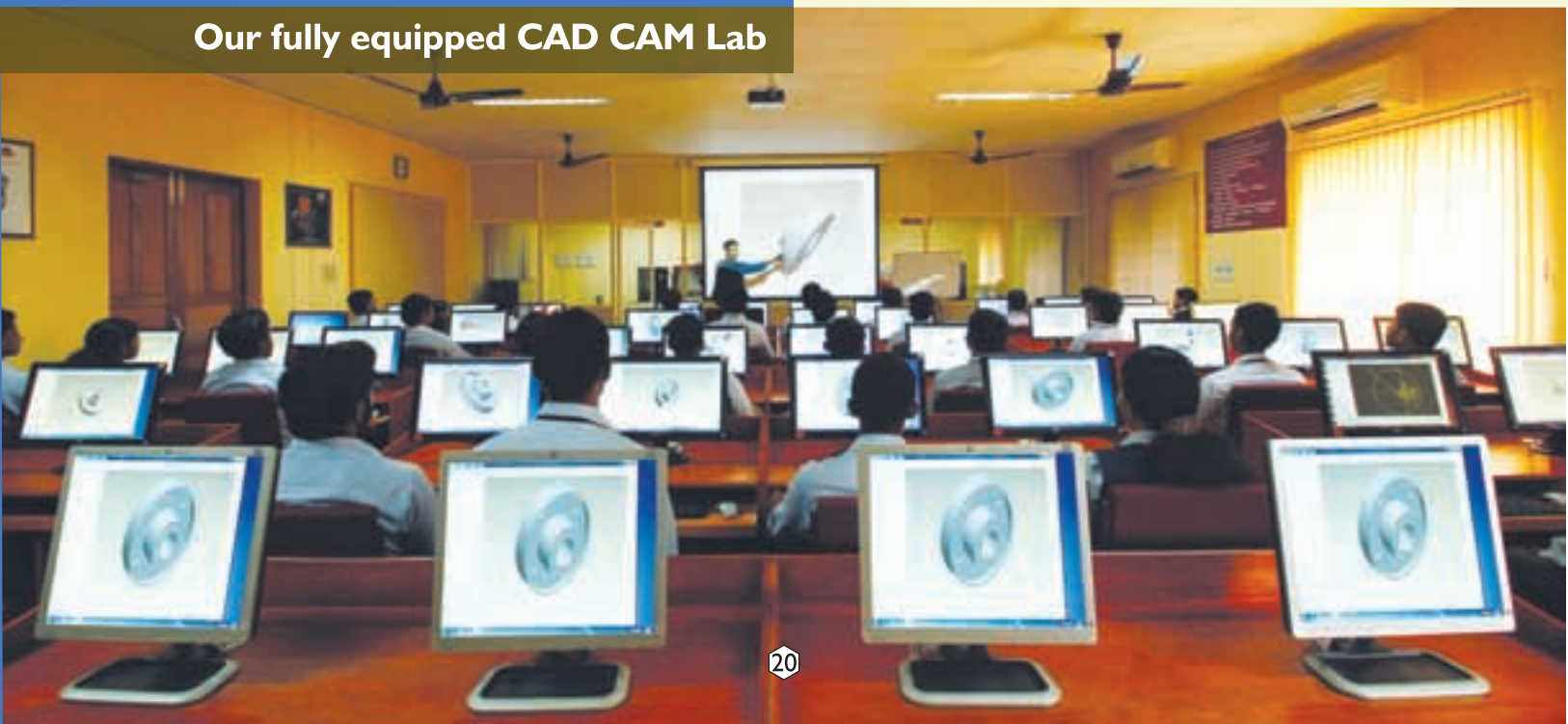


Innovation and Entrepreneurship « Development Centre (IEDC)



Innovation and Entrepreneurship Development Centre (IEDC) of VAS secured first place in National-level Techathlon contest, ICTAK Techathlon 2016-17, a platform for the students to showcase their creativity.

Our fully equipped CAD CAM Lab



Sports at VAS

There is a great tradition of Sports at VAS. Students and members of faculty participate in many sporting events. VAS has earned a prominent place in University and National level. VAS is a great place to nurture your sporting talents and acquire new skills.



Mr. Suhail Mohammed of PE S6 has represented Calicut University SepakTakraw team in the All India Inter University Championship and secured THIRD position



« Campus Life

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

Our Students displaying their physical wellness through Yoga



Music Club : The Music club fosters the needs of the musical talents in the college. The club has an array of its own musical instruments



Our Talents at Arts Fest



THE 'VAS' MANAGEMENT

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 highly sought after by leading business houses worldwide.

VICT in its mission to propel higher education in backward regions of Kerala is now setting up similar institutions in various parts of state horizontally deploying 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, comprising of 11 members, manages the educational institutions of the Trust.

BOARD OF MANAGEMENT >>

VIDYA INTERNATIONAL CHARITABLE TRUST (VICT) Executive Committee

Mr. Sudhakaran Polassery	Chairman
Mr. Sabu Soumian	Vice-Chairman
Mr. Gireesh Kumar Malattiri	Secretary
Mr. Manoj Kumar. K.B	Treasurer
Mr. Sudheer T.R	Joint-Secretary
Mr. Asokan P.K	Executive Member
Mr. Muraleedharan.K	Executive Member
Dr. V. S. Ajaikumar	Executive Member
Mr. K. G. Sukumaran	Executive Member
Dr. Santosh Prasannan	Executive Member
Mr. Dilipkumar K.R	Executive Member

Directors

Er. G. Mohanachandran	Executive Director
Dr. Gangan Prathap	Research Director
Dr. Anil B.	Academic Director
Er. R. Devarajan	Project Director
Mr. Suresh Lal	Finance Director
Dr. P. Latha Raj	Director - Student welfare and Social Projects



St. George High School Puttekara

As part of our Social responsibility VAS caters to the developmental needs of nearby Schools.

Honorary Advisors

Prof. Abdul Karim Musaliar	Professor, TKM institute of Management, Member of TKM College Trust.
Mr. P. M. Abraham, IAS (Retd.)	Former Secretary, Ministry of Surface Transport, Govt. of India
Dr. Anil B.	Academic Director-VICT, Former Chairman-Indian Society for Technical Education & Former Principal of Government Engineering college, Barton Hill, TVM
Padmasree Dr. M. Chandradathan	Distinguished Space Scientist (ISRO), Scientific Advisor to Chief Minister, Kerala, Former Director-VSSC
Mr. P. V. Chandran	Managing Editor, Mathrubhumi Printing and Publishing Company, Kerala
Dr. Gangan Prathap	Research Director-VICT, Former Director-NISCAIR, Former Vice- Chancellor, University of Kerala and CUSAT
Dr. V. M. Manoharan	Former Deputy Director of Collegiate Education. Member of the Syndicate, University of Calicut
Dr. K. R. Rajappan	Director and Senior Plastic Surgeon, Specialist Hospital, Kochi.
Mr. A. R. Sankaranarayanan, IRS (Retd.)	Former Managing Director, Steel Authority of India.& Former Director of Prime Minister's Secretariat.



For Admissions call

Air-conditioned Auditorium with 1500 seating capacity

B.Tech 8281 79 55 55

M.Tech 8281 59 55 55

MCA 8281 39 55 55



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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