

VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY

A world-class centre
for engineering education



**AN ISO 9001:2000
CERTIFIED
INSTITUTION**



Approved by the All India Council for Technical Education (AICTE)

Affiliated to University of Calicut

ISO 9001:2000 certified Institution



Situated in Thrissur, the cultural capital of Kerala

Over 30 acres of aesthetically landscaped lush green campus providing a serene ambience

Architectural excellence for the built-up floor area

World class standards in all wings of physical infrastructure



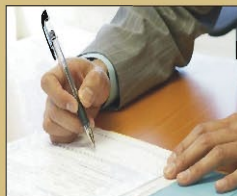
Striving for the highest quality in the delivery of educational services

Highly committed, experienced, motivated and affectionate faculty

State of the art laboratory and computing facilities

Library facilities of international standards

A well organized training and placement cell managed by a team of reputed professionals



A management working with a noble vision

A management committed to excellence

A management providing scholarships to needy students

Our Vision

Progress through Education

Our Mission

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



Academic Administration

Dr. D. Balakrishnan

Academic Director

M.Tech & Ph.D (IIT Bombay)

FIE(I), MIIIE, MIIW, MISTE

Formerly:

- Joint Director of Technical Education, Kerala
- Professor and Head, Department of Production Engineering, Govt Engineering College, Thrissur

Currently:

- Faculty for Management Studies of University of Calicut and of IGNOU
- Council Member, Indian Society for Technical Education, New Delhi
- Chairman, Institution of Engineers, Kerala State Centre, Trivandrum



Dr. P. Pratapachandran Nair

Dean

M.Tech & Ph.D (IIT Delhi)

FIE(I), MIEEE, MISTE, MECS

Formerly:

- Joint Director of Technical Education, Kerala
- Chairman, Board of Examiners in Kerala, Calicut and Bharathiar Universities
- Advisor to UPSC and Expert Member in various panels in KPSC
- Consultant of Kerala Water Authority
- Chairman, ISTE, Kerala Section
- 31 years of UG and 25 years of PG teaching experience in various Govt Engineering Colleges



Dr. S. P. Subramanian

Principal

M.E & Ph.D (Anna University)

FIE(I), MISTE

Formerly:

- Principal, Sree Sastha Institute of Engineering & Technology, Chennai
- Principal, Loyola Institute of Technology, Chennai
- Professor and Head of the Department of Mechanical Engineering, R.M.K Engineering College, Chennai.
- 25 years of experience in teaching and academic administration .
- 5 years of research experience. Published several papers in national and international Journals.



Our Honorary Advisors

Mr. P. M. Abraham, IAS (Retd)
Former Secretary, Ministry of Surface Transport, Govt of India

Prof. Abdul Karim Musaliar
Professor, TKM Institute of Management, Member of TKM College Trust.

Padmashri Dr. N. Balakrishnan Nair
Former Chairman, State Committee on Science, Technology & Environment

Dr. D. Balakrishnan
Former Joint Director of Technical Education, Kerala

Mr. P.V. Chandran
Managing Editor, Mathrubhumi printing and publishing company, Kerala

Mr. T. N. Jayachandran, IAS (Retd.)
Former Additional Chief Secretary, Govt. of Kerala,
Former Vice-Chancellor, University of Calicut and CUSAT

Er. M. N. Prasad
Former Chairman, Railway Board of India and Ex officio
Principal Secretary, Ministry of Railways, Govt of India

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

Er. K. R. Brahmadathan
Former Chief Engineer, Kerala State Electricity Board

Academic Programmes 2009-10

VAS offers four-year B.Tech degree programmes in six branches of engineering and the three-year Post Graduate MCA programme, all affiliated to the University of Calicut.

B.Tech Courses			
Branch of engineering	Intake	Additional seats under Fee Waiver Scheme	Lateral Entry seats
Civil Engineering	60	6	4
Computer Science & Engineering	60	6	4
Electronics & Communication Engineering	60+60*	6	4
Electrical & Electronics Engineering	60	6	4
Mechanical Engineering	60	6	4
Production Engineering	60	6	Nil
Post Graduate Course			
Master of Computer Applications (MCA)	60	Nil	Nil

*Subject to approval

Twinning Programme

VAS has signed a memorandum of understanding with State University of New York at New Paltz providing for a twinning programme arrangement. This enables students studying for B Tech degree in electrical and electronics engineering, electronics and communication engineering, and computer science and engineering branches and who have successfully completed their first two years of study in VAS to complete the third and fourth years of their study in State University of New York and obtain the US Degree of Bachelor of Science (BS)

Academic tie-ups

The college has academic tie-ups with some of the giants in the information technology industry.

- Infosys Technologies Limited through their Campus-Connect programme
- Tata Consultancy Services Limited





Scholarships

Our commitment towards society

➤ **Vidya Excellence Full Fee Scholarship for Entrance Toppers**

Applicants securing rank within the First 2,000 in the Kerala Govt Engineering Entrance Exam will be exempted from payment of tuition fees.

➤ **Vidya Competence 90% Fee Scholarship for Entrance Achievers**

Applicants securing rank between 2001 and 3000 in the Kerala Govt Engineering Entrance Exam are entitled to pay only the tuition fees applicable in government engineering colleges.

➤ **Vidya Merit-cum-Means Full Fee Scholarships**

10% of the management seats are reserved for meritorious students belonging to socially and economically backward classes.

B-Tech : 18 numbers & M.C.A : 3 numbers

➤ **Vidya Merit-cum-Means Half Fee Scholarships**

7.5% of the total seats are reserved for meritorious students belonging to economically weaker sections.

B-Tech : 27 numbers & M.C.A : 4 numbers

➤ **AICTE Full Fee Waiver Scholarships for Girls, Handicapped and Students of Weaker Sections**

Each branch of B.Tech course : 6 numbers,
Total : 36 numbers

➤ **Scholarship for achievers in Sports/Arts**

One full fee scholarship and one half fee scholarship awarded to national/ state level achievers.



Admissions

Admission to the various courses are strictly on merit. Capitation fees or donations are not collected at the time of admission or during the course of studies.

The college authorities or management have not authorised any person(s), consultants or agencies for admissions. All are requested not to fall prey to bogus consultants or middlemen.

Selection criteria for Management seats

For B.Tech courses, selections are based on the marks scored in the qualifying examination and in the entrance examination conducted by Govt of Kerala taken in equal proportion

For M.C.A, selection will be based on the ranks obtained in the entrance examination conducted by the Govt of Kerala/Management Association.



Department of Civil Engineering

Civil Engineering is known to be the mother of all engineering disciplines. It is an all pervasive engineering profession, full of opportunities and challenges. Civil Engineering addresses to all aspects of the infrastructure facilities necessary for modern living such as buildings, transportation systems, water supply and waste water treatments, environmental protection etc. Civil Engineering actually plays the role of nation building. The construction boom in India and abroad provides plenty of opportunities for Civil Engineers. So VAS is trying to mould the students as world class Engineers.

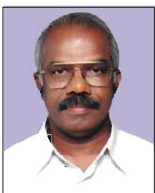
The Department has the following fully equipped laboratories

- Material Testing Lab
- Survey lab
- Environmental lab
- Fluid Mechanics lab
- Geotechnical Lab
- CAD/CAM lab



Geotechnical Lab

The four-year B.Tech programme in Civil Engineering admits 60 students every year. Also there is provision for four lateral entries to the third semester for diploma holders.



**Prof. V. A. Sudhakaran, M.Tech (IITK),
FIE, MISTE, FUWA**

Head of Department

Formerly

- Head of Department of Civil Engineering, Govt Engineering College, Kannur
- Team leader, World Bank Aided Water Supply and Sanitation Projects
- Head of Environment Division, COSTFORD, Thrissur



Material Testing Lab



Department of Computer Science & Engineering

The four-year B.Tech programme in Computer Science & Engineering currently admits 60 students each year. It also admits four lateral entry students. This programme prepares students for an international career in the fast-changing, forever-growing areas of information technology.

The department has the following labs:

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

The labs have 501 PCs with latest configurations running Windows as well as Linux and a number of other high-end multiprocessor servers. A leased broadband internet connection of 2Mbps serves the labs and the rest of the campus. All software products of Microsoft are available through Microsoft campus agreement.

Specially equipped classrooms provide on-line computing facilities.



Advanced Computer Lab



Dr. M. N. Agnisarman Nambodiri,
M.Sc(Engg.), Ph.D
(Texas A & M University, U.S.A)

Head of Department

Formerly

- Head of Department of Computer Applications, Govt Engineering College, Thrissur
- Head of Department of Computer Science and Engineering, M E S College of Engineering, Kuttippuram



Project Lab

Department of Electronics & Communication Engineering



The department offers a four-year B.Tech programme in Electronics & Communication Engineering currently admitting 60 students each year. VAS has applied for an additional intake of 60 students for this programme (approval awaited). It also admits four lateral entry students. It is focused on analog and digital electronics and advanced electronic communication systems. The programme prepares students for prospective careers in some of the world's most rapidly evolving areas of technologies like VLSI, Embedded systems etc.

Labs and other facilities include the following:

- Basic Electronics Lab
- Digital Electronics Lab
- Advanced Communication Lab
- Microprocessor and Microcontroller Lab

The department takes keen interest in organizing workshops, seminars, conferences etc on a regular basis.



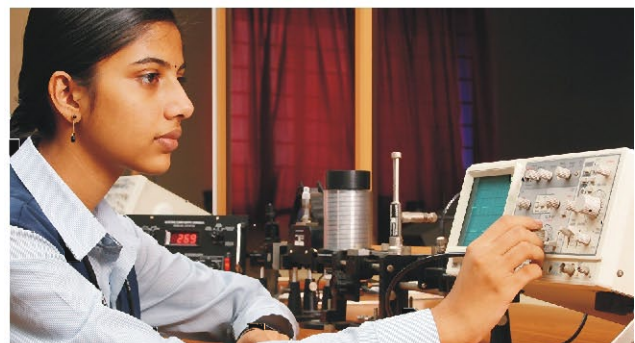
Digital and Communication Lab



Dr. P. Pratapachadran Nair
M.Tech, Ph.D, FIE, MIEEE, MISTE, MECS
Head of Department

Formerly

- Principal, College of Engineering Chengannur
- Head of Department of Electrical and Electronics Engineering, Govt. Engineering College, Thrissur



Advanced Communication Lab

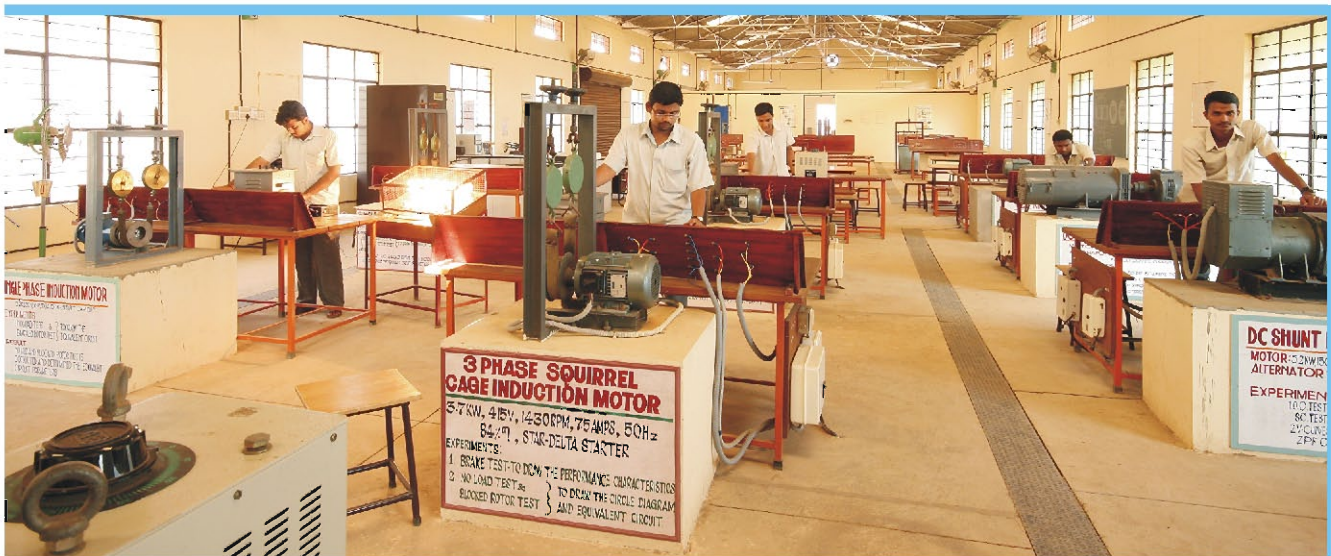
Department of Electrical & Electronics Engineering



The four-year B.Tech programme in Electrical & Electronics Engineering currently admits 60 students each year. It also admits four lateral entry students. The academic offering is focused on the theoretical and practical aspects related to instruments, machines, electrical and electronic circuits, devices and instrumentation controls. The programme prepares students for prospective careers in energetics, power generation, transmission and distribution and in traditional industries requiring powered machinery, power electronics, automated instrumentation controls, etc.

The department has the following set of laboratories.

- Basic Electrical Engineering Lab
- Electrical Measurement Lab
- Electrical Machines Lab
- Advanced Electrical Engineering Lab
- Simulation Lab
- Microprocessor and Microcontroller Lab
- Electronics Project Lab



Electrical Machines Lab



Mrs. Sudha Balagopalan,
M.Tech, MISTE, MIEEE
Head of Department

Formerly

- Scientific officer at Bhabha Atomic Research Centre (BARC) Trombay
- Lecturer, Govt Engineering College, Thrissur



Electrical Measurement Lab



Department of Mechanical Engineering

The four-year B.Tech programme admits 60 students each year. It also admits four lateral-entry students. It prepares graduates to further specialize in emerging areas like robotics, aerospace, design and systems, fluid mechanics, materials science, bio-technology and nanotechnology to help them seek employment with a wide range of industries.

The department has the following well-equipped laboratories.

- Thermal Engineering Lab
- Production Engineering Lab
- Fluid Mechanics Lab
- Heat Transfer Lab
- Metrology and Instrumentation Lab
- CAD/CAM & Robotics Lab



Fluid Mechanics Lab



Dr.T.N.Sathyanesan,
M.Tech, Ph.D, FMMP, MISTE

Head of Department

Formerly

- Professor, Department of Mechanical Engineering, Govt Engineering College Thrissur
- Head of Department of Mechanical Engineering, MES College of Engineering, Kuttippuram



Thermal Engineering Lab



Department of Production Engineering

The four-year B.Tech Programme of the Department admits 60 students each year. Production Engineering is a relatively new engineering discipline and the course has been specifically added to address the ever increasing needs of the industrial and manufacturing sector for which, a very high growth is foreseen.

Production engineering involves the design, control, and continuous improvement of integrated systems in order to provide customers with high-quality goods and services in a timely, cost-effective manner. It is an interdisciplinary area

requiring the collaboration of individuals trained in industrial engineering, manufacturing engineering, product design, marketing, finance, and corporate planning.

The department has the following well-equipped laboratories.

- Advanced Manufacturing Lab
- Metrology Lab
- Production Engineering Lab
- Industrial Engineering Lab



Production Engineering Lab



Prof.K.C.John,
B.Sc. (Engg.), M.Sc. (Engg.), FIE., M.I.S.TE
Head of Department

Formerly

- Professor, Department of Mechanical Engineering, Govt Engineering College Thrissur
- Head of Department of Mechanical Engineering, Jyothi Engineering College, Thrissur



Metrology Lab

Department of Computer Applications



The Department offers the three-year post-graduate course of Master of Computer Applications affiliated to the University of Calicut. The regular academic schedule of the department is designed to provide an in-depth and thorough coverage of the topics prescribed by the University in the syllabi of the programme. In addition, the Department organizes specialized academic activities to supplement the curriculum and to enhance the competitive edge of the students in facing the challenges of securing the best placement, and also the challenges of the workplace.

MCA students of the college have exclusive one-to-one computing facilities through a well-furnished separate Computer Lab. Internet connectivity is available in the Lab during the office hours.

MCA students of VAS have certain exceptional advantages:

- The highly competitive and motivating ambience of an established engineering college.
- The superb physical infrastructure of a world-class institution.
- The support of an excellent Training and Placement Cell.
- Opportunities for interaction with a galaxy of committed, devoted, and experienced teaching professionals of a technological institution of higher learning.



MCA Lab

Additional academic programmes conducted by the Department include:

- Providing facilities for getting trained under the Campus-Connect programme of Infosys Technologies, Ltd
- Off-hours training in emerging software technologies like Java, PHP, etc with the support of the Continuing Education Cell of the college.

Dr. V N Krishnachandran, M Sc, Ph D, MISTE

Head of Department

Formerly

- British Council Scholar in Loughborough University of Technology, U K
- Head of Department of Mathematics, Govt. Engineering College, Thrissur
- Principal, Govt. Victoria College, Palakkad



Department of Applied Sciences



Department of Humanities

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.

Labs in Applied Science Department: Physics and Chemistry.

The study of humanities is aimed at not only the acquisition of English language skills and economic theories but the overall development of budding engineers as complete human beings capable of observing human values in all walks of life. The Department includes faculty in Economics and English



Prof. C. N. Parvathy Antharjanam, M.Sc, MISTE

Head of Department

Formerly

- Selection Grade Lecturer, Department of Mathematics, Govt Engineering College, Thrissur



Prof. M. Mohandas, M.A, M.D(AM) Head of Department

Formerly

- Professor, PG Department of English, Sree Kerala Varma College, Thrissur.
- Member, Board of Studies (Post Graduate) , University of Calicut



Department of Training & Placement

At VAS a lot of emphasis is being given to the training and placement requirements of the student community. Specific training programs are being schemed to enhance the capabilities of the students to meet the expectations of the industry.

Placement activities are being re-aligned to meet the current challenges and the emerging market scenarios. Active industry representations are being solicited and in this connection, various forums are being considered to extend the reach and interactions with the student community.

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

Head of Department

Formerly

- Over 15 years of software industry experience and worked for some of the leading companies like ICICI and 3i Infotech
- Project Manager with Mastek Limited, Mumbai
- Certified Project Management Professional
- Certified Prince2 project management practitioner.



Companies in which our students have been placed include:-



Library

The college library functions from 9.00 AM to 8.00 PM.

The salient features of the library include:

- A collection of more than 14,000 books
- Subscription to more than hundred national and international technical journals
- Subscription to international electronic journals through J-GATE
- Availability of full set of web courses prepared by NPTEL (A joint initiative of IIT'S and IISc)
- An institutional repository using D-Space developed by MIT Libraries
- A special rental book scheme for students



Main Library

Other Student Facilities

Hostels

Separate in-campus hostels are provided for men and women with spacious, well-furnished rooms. Common rooms offer TV, games, music, telephone, reading and internet facilities. Also provided are services of dining, laundry facilities and 24-hours security.



Girls Hostel



Boys Hostel

College Canteen

A canteen that seats 150 plus persons, offers high-quality food at very affordable rates to students and faculty members. A store attached to the college canteen provides essential items.



Transportation

The college provides buses for students and faculty to commute from various locations. In addition, the college is easily accessible by public transport as the campus is located only two kms away from Kaiparambu, the central point between Thrissur and Guruvayoor.



Institutional Memberships

The College has institutional memberships in the following professional bodies:

- Computer Society of India (CSI)
- Indian Society for Technical Education (ISTE)
- Institution of Engineers (India)

In addition, there are active student chapters of Institution of Electrical and Electronics Engineers (IEEE) in the college.

Co-operative Store

The college has a co-operative store that provides textbooks, engineering drawing equipments and other stationery to students at concessional rates.

Campus Life

Vidya Student Support Cell (VSSC)

Vidya Student Support Cell is a forum, initiated by the management, to provide additional academic as well as emotional support to needy students. The Cell coordinates and monitors the effective implementation of the 'group tutor system' whereby a group of twenty two students are put under the patronage of a faculty member designated as the 'group tutor'. Every group tutor interacts with the students under his/her care on a regular basis. The Cell is arranging training programs for the prospective as well as serving group tutors periodically. As part of the cell, a professional student counselor is serving the college to help students who are in need of support.

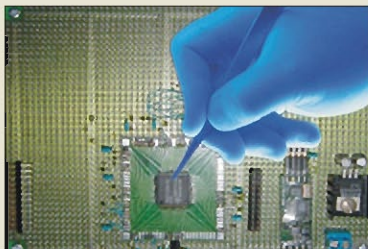


Medical Facilities

The College has availed the services of a Medical doctor to give immediate medical facilities to students and staff of the college.

Research Development Extension and Consultancy Cell (RDEC)

An active Research, Development Extension and Consultancy Cell in the college gives the students real time job experience and opportunities to further their creativeness. The intellectual capital of the college is effectively harnessed in providing consultancy services. The cell also attempts to fulfill the institution's social obligations by extending services to the poor and needy.



Sports and Games

The activities of the department of Physical Education emphasize the physical development of the students. To attain this goal the department is providing training / coaching in major games like Football, Cricket, Basketball, Shuttle Badminton, Table Tennis, Volleyball, Handball etc.

College Table Tennis teams (Men and Women) have been the winners in the Calicut University inter Collegiate tournament for the last four years.



Alumni Association

Vidya Alumni Association has been functioning from 2007 in the college campus. The main aim of the association is to maintain the link between college and Alumni and share details of mutual growth, achievement and advancement in various fields.

Banking

Banking services are offered on-campus by the Indian Overseas Bank

Non-Academic Administration

The administrative wing of the college is headed by:
Lt Col (Retd.) C. K. Babu, Administrator.

The wing is responsible for campus security, running of the hostels and canteen, transportation and day-to-day maintenance of the college.

Vidya International Charitable Trust Executive Committee

Mr. K. Muraleedharan Chairman	Mr. A. P. Sadanadan Vice-Chairman
Er. P. K. Asokan Chief Patron	Mr. Sabu Soumian Jt. Secretary
Mr. S. Sudhakaran Secretary	Dr. Santhosh Prasannan Chief Co-ordinator, Vidya Centre Project
Mr. Samson Checkove Treasurer	Mr. Prakash Natesan Member
Dr. V. S. Ajai Kumar College Co-ordinator	Mr K. K. Thilakan Member
	Mr. V. N. Prasen Member

VICT Steering Committee



Mr. T. N. Jayachandran, IAS (Retd.)
Chairman
Steering Committee



Er. K. R. Brahmadathan
Executive Director



Dr. D. Balakrishnan
Academic Director



Er. G. Mohanachandran
Project Director



Mr. D. P. Vijayan
Author Trustee

The Management

Vidya International Charitable Trust (VICT) is founded by a large number of non-resident Indians from the Middle East and other countries. The Board of Trustees are responsible for the overall administration of the Trust and its activities. An Executive Committee, comprising 11 members, manages the educational institutions of the Trust. VICT also depends on a distinguished advisory team of professionals who have extensive experience in professional education and industry.

The vision of 'Vidya' is to make available 'State-of-the-art' higher education to financially weaker sections, thereby enabling them to develop a good personality and acquire excellent knowledge. VICT offers free education to bright but financially weaker students to complete their studies. Apart from scholarship enrolment of 95 students in each academic year, VICT also extends financial assistance to the economically weaker students studying in Higher Secondary levels for undergoing entrance coaching with leading training institutes in Thrissur and Alleppey districts.

Administrative Office

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Thrissur – 680 005

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For admissions contact

Er. G. Mohanachandran (Project Director)

Email: admissions@vidyaacademy.ac.in

Mr. V. S. Dinamony (Trust Co-ordinator)

Email: dinamony@gmail.com

