



VIJAYA VITTALA INSTITUTE OF TECHNOLOGY

CET CODE - 188 (Affiliated to VTU, Approved by Karnataka State Government, AICTE New Delhi)



In
Pursuit of
Knowledge

The World is aware that India's economy is on the rise ... On our way to become a developed nation.

India will need thousands of skilled professionals to build our future.

Will you be one of them?

Will you be prepared with the Knowledge and Confidence to face the future?

The founders of VVIT believe that the right learning environment to be nurtured in will make the difference.

Graduate Programmes

- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Mechanical Engineering

Post Graduate Programmes

- Computer Networking
- Computer Science and Engineering
- Machine Design
- Structural Engineering
- Thermal Power Engineering
- VLSI Design and Embedded Systems

Overview

Vijaya Vittala Institute of Technology (VVIT) was established by Sri Vijaya Vittala Charitable and Educational Trust®, affiliated to Visvesvaraya Technological University, Belgaum and approved by All India Council for Technical Education, New Delhi.

Late Prof. K. Venkatagiri Gowda, a renowned academician and a noted economist from the London school of Economics was the founder President of the trust. Dr. Venugopal. K. R, a visionary and educationist, is the Honorary Technical Advisor to the college.

The college is located in the salubrious outskirts of Bengaluru, just 15 Kilometers from the heart of the city and is located on the International Airport link road. Bengaluru is the fastest growing metropolis in India and is the Knowledge and Bio-Technology capital of the India.

Eligibility for the Graduate Programmes

Candidates should have passed PUC/10+2/ or equivalent with 50% (45% in case of candidates belonging to reserved category) aggregate in PCM. Diploma candidates should have minimum aggregate of 50% (45% in case of candidates belonging to reserved category) for Lateral Entry (Non-Karnataka Candidates are also eligible for Lateral Entry).

Mission

To impart superior engineering education to students that focuses on the current technological needs and industrial requirements matching with the international standards with awareness about ecological and environmental issues.

To imbibe students with an indelible mark of values and principles coalesced with core values of our rich and vibrant heritage.

Vision

To develop into an Institution with a commitment to extend the frontiers of knowledge through Research and Development.

From the Principal's Desk

Welcome to VVIT, an institution that rests on a strong academic foundation, blending with a modern approach that seeks to mould young men and women who will make a success of themselves no matter where they go. We believe that our motto "In Pursuit of Knowledge" will come only with hard work and dedication that will be imbibed in all the students at VVIT.

Dr. Rudrappa Shettally, Principal, VVIT

Advisory Board

| | |
|---------------------------|---|
| Dr. N R Shetty | Founder ISTE, Former VC, BU |
| Dr. L M Patnaik | Vice Chancellor, Defence University, Pune |
| Dr. S Lakshmana Reddy | Former Professor, BU |
| Dr. H N Shivashankar | Former Principal, UVCE |
| Dr. K V Acharya | Former Professor, BU |
| Dr. K Mallikarjuna Chetty | Former Dean, UVCE |
| Dr. N Srinivasan | Former Dean, UVCE |
| Dr. M Venkatachalappa | Professor, BU |
| Dr. Venugopal K R | Principal, UVCE |
| Smt. Achala Joshi | Trustee, IES, Mumbai |

Professor K. Venkatagiri Gowda

Was Educated in University of Mysore and London School of Economics, he was a leading Economist in the country. He was an incisive social thinker par excellence and made several distinguished contributions which have been internationally acclaimed as definitive and path breaking in the area of monetary economics and international finance. He published sixteen books in the area of economics.

Prof. K R Venugopal Honorary Technical Advisor

He is presently serving as Principal at University Visvesvaraya College of Engineering, Bangalore University, Bangalore. He obtained ME(CSE) from Department of Computer Science and Automation at the Indian Institute of Science, Bangalore. He obtained Ph.D. in Economics from Bangalore University and Ph.D. in Computer Science from IIT Madras. He has published twenty nine books in Computer Science and Engineering and Economics. He has published more than two hundred papers in refereed International Journals and Conferences.

Books authored by Prof. K R Venugopal: Digital Circuits & Systems, Mastering C, Wavelength Converters in Optical Networks, Mastering C++, Microprocessor x86 programming, Problems & Solutions in C++ etc.



Smt Rukmini T, Chair Person of VVIT

She is the Vice President of Alpha College of Engineering, Treasurer of Prof. Venkatagiri Gowda Charitable & Educational Trust and Treasurer of Dr. K. Venkatagiri Gowda Memorial Trust. She is also actively involved in organizing social and charitable activities.

For Admissions Contact: Mob: +919480998948, +919845264811, +919845210865

Dr. Krishna Prasad, Vice-President

Completed his MBBS from Bangalore Medical College and his MS Surgery from Vijaynagar Institute of Medical Sciences, DNB Surgery and DNB Urology from the National Board of Examinations.

Sri Shiv Prakash T, Treasurer

He is currently pursuing his Ph.D in Computer Science from University Visvesvaraya College of Engineering of College of Engineering. He has over ten years of IT experience in the field of Embedded Systems and Digital Multimedia. He is involved in the Placement Training activities of the college.

Sri Thyagaraj K, Secretary

Smt Savitri Venkatagiri Gowda, Trustee

Dr. LakshmiPirya K, Trustee

Smt. Harini S, Trustee



Library and Information Center

The modern library houses over 10000 volumes apart from subscriptions to leading national and international periodicals and journals. Handbooks, standard manuals, technical reports and conference proceedings are provided. The digital library section houses an extensive range of CD-ROMs, DVDs and access to online journals. The library serves as a rich workspace for students to do research and referencing.

Excellent Campus Amenities

The infrastructure at VVIT has been developed keeping in mind student and faculty needs and to support rigorous academic study. Spread over 10 acres of tranquil landscape and a built up area of 100000 sq. ft which houses lecture halls, a library, laboratory, workshops, seminar halls, canteen and residential complex. The lecture halls are designed to be spacious as per AICTE norms. The Academic block provides ultra modern laboratories for Basic Sciences, Electronics and workshops for Mechanical Engineering and Civil Engineering. Latest equipments are added to the laboratories to give exposure to the students about the state-of-art technology. High-end hardware systems with modern computing facilities are available to meet project requirements and encourage research activities.

Unique Academic Approach

The faculty provide necessary inputs and practical training to develop talented engineers with a view to enhance their abilities to face global challenges. Specific problems faced by the students are identified through monthly student feedback and remedial action is taken by the faculty. The faculty employ a range of assessment methods through written work, internals, unit tests, question bank preparation and model exams, and thereafter constructive suggestions are given to the students. Many innovative practices like faculty appraisal system, faculty training programs, proctorial system for students and VVIT smart campus add more value to the education that is being imparted.



Department of Civil Engineering

Civil Engineering is a versatile and fundamental branch among the engineering branches. This branch has a lot of diversity right from geotechnical sciences to structural engineering, environmental to hydraulics, transportation to hydrology. It offers a wide promising career opportunities and professional advancement. Career opportunities exist in the public and private sectors in the areas of design, construction and maintenance, infrastructure development in both India and abroad.

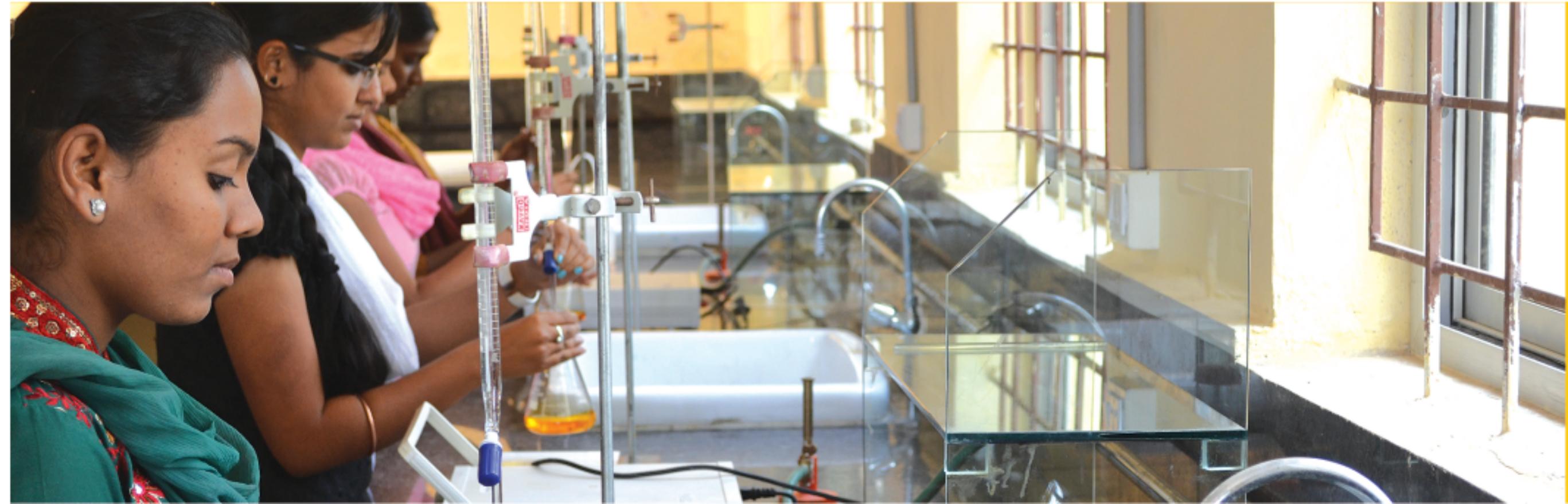
The Department of Civil Engineering has qualified and dedicated faculty. The Surveying Practice, Basic Material Testing, Geology, Hydraulics, Geotechnical and Computer Aided Design (CAD) laboratories have modern equipments.

DEPARTMENT TOPPERS

| USN | NAME | PERCENTAGE |
|------------|---------------|------------|
| 1VJ09CV028 | SUKEERTH R | 74 % |
| 1VJ09CS040 | SHASHI KUMARA | 75 % |
| 1VJ09CV047 | SUNIL RAJ | 75 % |

Faculty members of Civil Engineering

| Name | Qualification | Designation |
|--------------------|---------------------|------------------------------|
| Rudrappa Shettally | B.E., M.Tech., Ph.D | Principal, Professor and HOD |
| Gayathri S S | B.E., M.Tech. | Associate Professor |
| Vijay Kumar L | B.E., M.Tech. | Associate Professor |
| Chandrashekhar C K | B.Sc.,M.Sc.,Ph.D | Associate Professor |
| Ram Prasad T R | B.E., M.Tech. | Assistant Professor |
| Aswini K B | B.E. | Assistant Professor |
| Manju Shree P | B.E. | Assistant Professor |
| Savitha P | B.E. | Assistant Professor |
| Ganesh N | Dip. in Civil Engg | Instructor |





Department of Mechanical Engineering

Mechanical Engineering is concerned with the Production transmission and use of mechanical power and heat; it is the largest branch of Engineering and has the highest employed engineers worldwide, it is called the evergreen engineering branch.

The department has one of the finest Mechanical workshops and laboratories among the Engineering colleges in Bangalore, the laboratories setup are the Metallography and Material testing Lab, Mechanical Measurements and Metrology Lab, Foundry and Forging Lab, Machine Shop, Fluid Mechanics Lab, Energy Conversion Lab, Heat and Mass Transfer Lab and Computer Aided Modeling Lab. The department has a 1000 KN(100 Ton) Universal Material Testing Machine which only few Engineering colleges in Bangalore possess. The Machine Shop is equipped with the excellent HIMAC-Lx 175 Lathe Machines, Milling and Shaping machines from Mac Power Industries.



Faculty members of Mechanical Engineering

| Name | Qualification | Designation |
|-------------------|-----------------------|---------------------|
| Muralidhar Sharma | B.E., M.Tech., [Ph.D] | Professor and HOD |
| Rajanish M | B.E., M.Tech. | Associate Professor |
| Kiran V N | B.E., M.Tech. | Associate Professor |
| Harsha S | B.E., M.Tech. | Associate Professor |
| Punith Kumar S V | B.E., M.Tech. | Associate Professor |
| Sreenivas S | B.E. | Assistant Professor |
| Mohan N | B.E. | Assistant Professor |
| P A Jayadevappa | Dip. in Mech Engg | Instructor |
| Sandeep Ghatge | Dip. in Mech Engg | Instructor |

DEPARTMENT TOPPERS

| USN | NAME | PERCENTAGE |
|------------|----------------|------------|
| 1VJ09ME022 | MOHAMMED SUHEB | 78% |
| 1VJ09ME020 | DAMODHAR REDDY | 75% |
| 1VJ09ME012 | JONES T | 70% |

Department of Basic Sciences

The Basic Sciences describes the most basic objects, forces, relations between them and laws governing them. All engineering branches have evolved from these basic principles, the branches of Physics, Chemistry and Mathematics form an important base in understanding the larger concepts and theories of the various Engineering branches. The Departments workshops and labs are geared to handle all requirements of the first year. The Department of Mathematics has one of the best results among the VTU colleges in Bangalore.



Department of Computer Science and Engineering

Computers have become an indispensable part of our life and an aide to solving problems of any magnitude. Career opportunities includes developing software systems for a diverse range of applications, such as user interfaces, networks, databases, forecasting, world wide web support, medical communication, satellite, embedded systems, artificial intelligence and neural networks.

The faculty members of the department have extensive industry and teaching experience hence enabling them to impart an amalgamated teaching technique that will prepare the students for the tough industry benchmarks. The laboratories have modern computing facilities with the latest branded desktops, and three 5Mbps Internet lines, aid the students in research and referencing. The department supports the International Conference on Information Processing (ICIP) organized by University Visvesvaraya College of Engineering.



DEPARTMENT TOPPERS

| USN | NAME | PERCENTAGE |
|------------|------------------|------------|
| 1VJ09CS020 | SUPREETH S DESAI | 73% |
| 1VJ09CS002 | ASHWINI J | 75% |
| 1VJ09CS006 | JHANAVI B SHETTY | 73% |

Faculty members of Computer Science and Engineering

| Name | Qualification | Designation |
|-------------------|--------------------|-----------------------------|
| Shiva Prakash.T | B.E., M.S., [Ph.D] | Associate Professor and HOD |
| Ganaraj N | B.E., MBA | Associate Professor |
| Priya D | B.E., M.E., MBA | Associate Professor |
| Srikanth P L | B.E., M.E | Assistant Professor |
| Chandrapraba K S | B.E., M.E | Assistant Professor |
| Sreedhar S | B.E., M.E | Assistant Professor |
| Dhirendra Kumar K | B.E., M.E | Assistant Professor |
| Sandeep Dindal | Diploma in CS | Lab Instructor |
| Vivek | Diploma in CS | Computer Administrator |



TOPPERS OF BASIC SCIENCES

| USN | NAME | PERCENTAGE |
|------------|------------------|------------|
| 1VJ10ME004 | ANIRBAN DAS | 81% |
| 1VJ10CS016 | MOHAMMAD ARAFATH | 79% |
| 1VJ09EC008 | MILCHAH Y THOMAS | 78% |



Department of Electronics and Communication Engineering

Electronics and Communication Engineering is a wing of engineering that deals with the effects and behavior of electrons to develop system, device, components or equipments, integrated circuits that use electricity as the driving force. Electronics engineering has a major role in improving productivity in industries like oil, energy and agriculture. In steel, petroleum and chemical industries it is the electronic devices that direct, control and test production processes. Health care industry depends on electronic instruments to perform chemical tests and to check body functions.

The Analog Electronics Lab, Logic Design Lab, Microcontrollers Lab, HDL Lab, DSP Lab, Analog Communication Lab and the Research Lab have been developed with a contemporary design. The department's experienced and devoted faculty brings out the best in the student folk.



Faculty members of Electronics and Communication Engineering

| Name | Qualification | Designation |
|-----------------|-----------------------|-----------------------------|
| Harshita H | B.E., M.Tech., [Ph.D] | Associate Professor and HOD |
| Gopal Krishna R | B.E., M.Tech. | Associate Professor |
| Susheela Devi S | B.E., M.Tech. | Associate Professor |
| Manasa M | B.E., M.E | Assistant Professor |
| Kusuma G S | B.E., M.E | Assistant Professor |
| Sowmya C S | B.E., M.E | Assistant Professor |
| Anusha K | B.E | Assistant Professor |
| Supriya B | B.E | Lab Instructor |

DEPARTMENT TOPPERS

| USN | NAME | PERCENTAGE |
|------------|-------------------|------------|
| 1VJ09EC028 | NOSHINA JABBAR | 75% |
| 1VJ09EC048 | SOMA SAI CHARITHA | 71% |
| 1VJ09EC028 | MARTIN AMAL RAJ | 70% |



Faculty members of Basic Sciences

| Name | Qualification | Designation |
|-----------------|----------------------|----------------------|
| Bhaskar C | B.Sc., M.Sc., [Ph.D] | HOD Mathematics |
| Anitha N | M.Phil., B.Sc., M.Sc | HOD Physics |
| Sowmya H | B.Sc., M.Sc | HOD Chemistry |
| Umesh H M | B.Sc., M.Sc | Lecturer Chemistry |
| Amaresh N | B.Sc., M.Sc | Lecturer Mathematics |
| Revathi G | B.Sc., M.Sc | Lecturer Mathematics |
| Sandeep Kumar S | M.Phil., B.Sc., M.Sc | Lecturer Mathematics |

Training and Placement Cell

Sri Shiv Prakash T an experienced IT professional with extensive corporate experience leads the Placement Cell. Staff and students ably support the Placement Cell through the placement committee. The Placement Cell helps to assist the development of graduates with a balanced set of technical skills, interpersonal skills and with a positive attitude to life. These training programs are conveyed with live demonstrations and experts from Industry are invited to cover key topics, along with soft skill development, Personality Development (PD) and Career Orientation counseling. The Cell aims at building a computerized database of the students Curriculum Vitae to serve the industry requirements.

Training Provided in the following IT Technical topics with live demonstrations

Extensive Industry oriented C, C++ and Java training via MCQs

Embedded Technologies and Web Technologies

- Introduction to Embedded Systems - Hardware and Software
- Real Time Operating Systems ■ Tasks, Threads, Semaphores etc
- Porting RTOS (PrKernel, VxWorks, RTLinux) to Various Hardware Platforms
- BSPs and Bootloader concepts ■ Developing device drivers in Linux
- Microsoft .NET and J2EE Technologies, Installing Web Servers, database servers etc

Development in the Linux Platform

- Introduction to gmake and gcc ■ Introduction to gdb, ddd and valgrind
- Static and shared libraries ■ Shell Scripting ■ Application Development in Linux

Technical Talks from Industry Experts in Mechanical and Civil Engineering

- Automobile Industry ■ CAD/CAM Design Centers ■ GISystems

List of companies visiting the Campus

- ABB ■ Caritor India ■ Honeywell India ■ HP India ■ i2 Technologies ■ Idea Solutions
- Iflex Solutions ■ I-Gate Global Solutions ■ Infosys Technologies ■ ITC Infotech
- Mphasis BFL Ltd ■ Robert Bosch India ■ TCS Ltd ■ Tech Mahindra ■ Wipro Technologies



The college has adequate infrastructure facilities for indoor and outdoor games; students are encouraged to participate in the events. The Department of Physical Education and Sports focuses to imbibe in the students discipline, team skills, leadership qualities and a sense of belonging through sports activities and the practice of yoga.

For Admissions Contact:

Smt Rukmini T, Chair Person

Mob: +919480998948, +919845264811 Phone: 08028444854

Email: vvit.admissions@gmail.com

VIJAYA VITTALA INSTITUTE OF TECHNOLOGY

Sri Vijaya Vittala Charitable & Educational Trust®

35/1, Doddagubbi Post, Bangalore 560077

Phone: +91 080 28444854. Mob: +919481488434 Fax: + 91 080 28445045

Website: <http://www.svvit.org>



Residential and Canteen Facilities

The college provides separate residential facilities for boys and girls inside the college campus, the well furnished hostels are equipped with modern amenities like recreation centers, generators, UPS, water heaters and water coolers. The well-maintained catering service prepares hygienic and nutritious food. Round the clock security and doctor on call are provided to the students. The efficiently administered hostel provides the right atmosphere for student life.



Transportation

The institute buses provides adequate service, to the students who are reaching the college from various pre-determined pick up points in the city. VVIT is located within the city limits and is well connected to all parts of the city by BMTC buses.



BMTC ROUTE NUMBERS:

City Railway St: 296, 296A, 296N

KR Market: 293, 293B, 294D Shivaji Nagar: 293G