



Vel Tech High Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

**Acquire Employability
Skills in Our Campus**

**Achieve Dream Jobs
in Top MNCs**

ACTIVITIES BEYOND CLASSROOM (ABC) “Transformative Learning”

Industry-Ready Skills Perfected through our Unique Model

**402 Job offers
2021-22**

**502 Job offers
2022-23**

- ✓ Mini-Projects
(From II Year onwards)
- ✓ Integrated Learning
- ✓ Innovative Assignments
(With session recordings)
- ✓ Coding Skills
- ✓ Internships / In-plant Trainings
- ✓ Communication Skill Development
(One English faculty for 15 students)
- ✓ Intensive Placement Training
(720 hours in 4 years)
- ✓ Value Added Courses (VAC)
- ✓ Self Learning (NPTEL)
- ✓ Monthly e-Progress Report(ePR)
(Through WhatsApp)



**#60, Avadi - Vel Tech Road,
AVADI, Chennai - 600 062,
Tamil Nadu.**

☎ **7358701998, 7358020151**

☎ **1800 2127669 (Toll Free)**

**Accredited by NAAC with 'A'
Grade & 3.27 CGPA**

**NBA Accredited Programmes
Biotech, Chemical, ECE & IT**

<https://www.velhightech.com> admission@velhightech.com

TNEA CODE 1122

MINI-PROJECT & PROJECT WORK (6 Hours/Week)

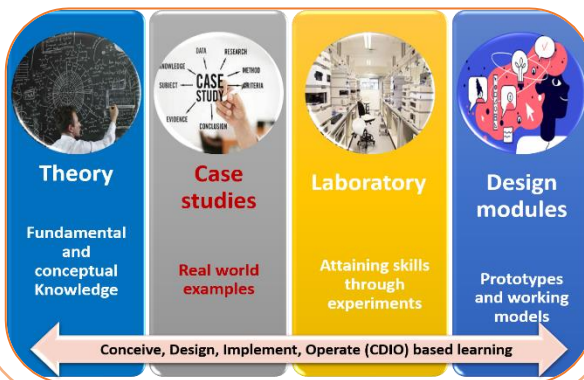
- Implemented from II year onwards
- Enhances technical skills through group learning activity
- Able guidance from experienced faculty
- Completed 379 mini projects and published 130 research articles in the year 2022-2023

Department	No. of Mini Projects	Outcome
Artificial Intelligence and Data Science	32	•Project Reports
Biotechnology	30	•Publication [Scopus/Peer Reviewed/ •Conference]
Chemical Engineering	20	
Civil Engineering	16	
Computer Science and Engineering	104	•Working Models
Information Technology	53	•Patents
Electronics and Communication Engineering	93	
Mechanical Engineering	31	•Winning/ •Participation in project/expo/ Competitions etc..
Total number of mini projects completed	379	

PROJECT BASED LEARNING

INTEGRATED LEARNING (2 Hours/Week)

- Bridging Theory and Practice
- Theory courses enhanced through hands-on training, case studies and design modules



INNOVATIVE ASSIGNMENTS (3 per semester/ course)

- Assignment problem statements are prepared by faculty members with higher order thinking addressing Bloom's taxonomy knowledge levels (K3, K4)*
- Assignments are presented on stage by the students
- Critical assessment is done through internal expert review committee
- The entire session is recorded for student improvement and also sent to respective parent through monthly e-Progress Report (ePR)



EXPERIENTIAL LEARNING

CODING SKILLS (2 Hours/Week)

- Industry based training to improve logical thinking
- Neo PAT- Digital Placement Preparatory modules
- Periodical assessment to evaluate and enhance coding skills
- Assessing the coding skills through 'Codeathon' Competitions



INDUSTRIAL INTERNSHIPS / IN-PLANT TRAININGS (1 per semester)

Department	No. of. Students undergone internship
AI&DS	59
Biotech	55
Chemical	91
Civil	39
CSE	39
ECE	30
IT	44
Mechanical	31
MBA	59
Total	447

- Mandatory industrial internships & In-Plant trainings during semester break
- Total number of 447 Internships undergone by our students in 2022-23
- 10 students of had undergone 2 week internship in YALI MOBILITY (start-up) at IITM research park with total stipend Rs.36,500
- 5 students undergone internships in AECC Global, Renault Nissan, Thrillon Thoughts, Zoho Corp and Aptean India Pvt Ltd with a total stipend Rs.90,000
- 6 Biotech students visited the Biochemistry lab, IISc Bangalore to acquire hands-on training with sophisticated instruments such as HPLC and LC-MS on 21.04.23

*BLOOMS KNOWLEDGE LEVELS

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyse; K5 – Evaluate; K6 – Create

COMMUNICATION SKILLS (3 Hours/Week)

• A class of 60 students is divided into 4 batches and each batch handled by an individual faculty (1:15)

• Listening, Speaking, Reading & Writing (LSRW) modules enhance students' skills

To be successful in GD session and HR interviews
To overcome stage fear and face interviews confidently



VALUE ADDED COURSES (VAC) (20-45 Hour/VAC)

- Industry based certificate courses (MATLAB, ASPEN, Red Hat, C-DAC, Salesforce & Tally) to bridge the gap between academia and Industry requirements
- To train latest trends and cutting-edge technologies

Dept.	VACs organized (2022-23)
AI&DS	1
BIOTECH	1
CHEMICAL	1
CIVIL	2
CSE	3
IT	1
ECE	1
MECH	1
MBA	3
TOTAL	14

TRAINING & PLACEMENT (3 Hours/Week)

- Enhance verbal, analytical, logical and critical reasoning
- Develop problem-solving & time-saving techniques
- Exclusive in-house trainers
- Training from semester I to semester VIII

Year	Semester	Regular Training	Hours
I	1,2	QUANTZ, LOGICAL, CSD, CODING	120
II	3,4	QUANTZ, LOGICAL, CSD, CODING	150
III	5,6	QUANTZ, CSD, LOGICAL, CODING	150
IV	7	CSD, NEOPAT COMPANY SPECIFIC TEST BASED ON CODING	30
Intensive Training (Industry Specific)			
III & IV	6-8 th	APTITUDE & TECHNICAL	120
		NEOPAT ASSESSMENT	150
TOTAL TRAINING HOURS FOR A STUDENT DURING 4 YEARS			720

CAREER DEVELOPMENT

ADVANCED LEARNING

NPTEL

- Improves self-learning skills
- Gain exposure by lectures from IITs/IISc faculty
- Assess their own progress through assignments
- Opportunities to do intern at IITs by best performing students
- 3 course toppers awarded Elite with Gold/Silver certificates and got internships at IIT in 2023
 - Lakshmanaraj.V (VH1079), III Year Chemical - IIT Kharagpur
 - Hithendranath.N.M (VH11662), III Year Biotech - IIT Roorkee
 - Dhanush.A (VH10045), IV Year CSE - IIT Madras



STUDENT SUPPORT SYSTEM

MENTORING

- 1:15 Mentor-Mentee (1 Faculty for 15 Students)
- Comprehensive monitoring of the students by respective mentors
- Attendance is shared with parents on day-to-day basis
- Monthly electronic Progress report (ePR) is shared with the parents by all mentors
- Motivation and encouragement from 1st year to the final year

e-PROGRESS REPORT (ePR)

- The report includes the progress of the student in academic, co-curricular and extracurricular activities
- Information about discipline of students in the campus is updated to their parents
- Addressing the strength and weakness of the students and pinpoints the areas of improvement

A total duration of 16 hours per week allotted in the time-table for beyond classroom activities to make students **"INDUSTRY READY"**