

## VELAMMAL INSTITUTE OF TECHNOLOGY, CHENNAI – 601 204

### Welcome Address & Annual Report

➤ **Dr. N. Balaji, Principal**

Velammal I Tech, is the brain child of our Honourable Chairman sir which was started in the year 2008 & nurtured by our dynamic Director sir with a vision “To be a leader in imparting quality technical education, research & enterprising skills in pursuit of professional excellence”.

The college offers 7 Undergraduate courses namely, CSE, AI&DS, ECE, EEE, IT, Mechanical and Mechatronics and one Postgraduate course in ME CSE. With the help of all our stake holders, our college was accredited by NBA for CSE, ECE & IT departments and also got institutional accreditation from NAAC.

Our college central library has 8036 book titles and 28679 volumes. We have subscribed to NPTEL, IEEE & ASME E resources for accessing more than 240 National & International journals. In addition, 114 hard copies of National & international journals are also available for easy access.

I am happy to inform you that our institution has achieved **2<sup>nd</sup> position** in academic performance among 433 engineering colleges in Tamil Nadu for the two consecutive **years 2016-17 & 2017-18** and also we maintain consistently good results over **85%** every year. In the April – May 2023 Anna University Examinations, we achieved **4<sup>th</sup> Place in Overall Tamil Nadu** and we are in **Number 1 position** in Chennai, Thiruvallur, Kanchipuram and Chengalpet Districts.

Our college students obtained **160 university ranks** and most of the students are placed in top MNCs.

**Immense and intensive training is provided to all the students to achieve the placement goal in our college.**

**In I Year** – British Council - APTIS, Bridge Course, Skillrack registration, Goal setting, Python Training and Placement Orientation are provided.

**In II Year** – Skillrack online Assessment, Soft Skills, Technical Training Phase I, Coding Contest and Aptitude Training– Phase I are given.

**In III Year** –Skillrack online Assessment, Technical Training Phase II (Subject oriented), Soft Skills, Mock Interview by Alumni and Corporate, Aptitude Training – Phase II, AMCAT and COCUBES Assessments and Company Specific Training are provided.

**AND in the IV Year** –Skillrack online Company Specific Training, Motivational Sessions and Mock Interviews by Faculty members and Alumni are given to the students.

Our present placement percentage is **72%** till date and placement is still in progress. Most of our students are placed in premium companies in spite of toughness prevailing in job market. More than **120 reputed companies** including top MNCs like CTS, Infosys, ZOHO, Sify Tech, Wipro, TCS, Ford India, Accenture, Amazon, **Anora Labs**, BGR Energy, GenPact, Presidio, Light and Wonder, Navis Technology, Johnson Controls, Deloitte, HCL, Godrej, Hitachi, Brakes India, Mc Dermott, FoxConn, RAMCO Systems, TATA ELXI, ZF Wabco etc. visited our college last year and we are maintaining more than **95%** Placement consistently every year.

In the **2020 -24** batch, **136 students** got **internship** and out of which **98 students** got internship with stipend in leading MNCs and reputed companies like Zoho, CTS, Light and Wonder, Presidio, Ford India, Fleet Studio, NTT Data, Madras Radiators, Triyam, Swipe Technology, Acies Global, Johnson Electric, FoxConn, Avasoft, HFFC, Securden, Madras Radiators, Yashika Industries, Amazon etc.

- Average Salary Package for the academic year 2023 -2024 is 4.7 Lakhs per annum
- Highest Salary Package is 10 Lakhs per annum from Navis Technology for 2023-24 batch

- Overall highest salary package is 16.32 Lakhs per annum received from Amazon.
- Received **SEEE award** for TOP Performing Engineering College in the years 2018, 2019 and 2020 out of more than 400 colleges.
- Received **AMCAT National Award** in 2021, 2022, 2023 and 2024
- We are proud to say **312 students** have successfully completed **Google Certification Course** in 2024.

Every year **Founder- Chairman Merit Scholarship** is provided to the deserved students. This year, 350 students are going to receive a sum of **Rs. 17,92,000 (Seventeen Lakh and Ninety Two Thousand only)**. In addition to the same, to recognize the contribution of staff members, 187 Teaching, Non Teaching and Supporting Staff are going to receive a sum of **Rs. 11,30,000 (Eleven Lakh and Thirty Thousand only)** today.

Many clubs are active in our college. Clubs like Zenith club, Mobile APP Development Club, Assembling & Disassembling Club, Photography Club and Innovation club have conducted more than **30 programmes** and activities last year and many students have actively participated and received prizes.

**BEC (Business English Certificate) course** from **University of Cambridge** is conducted every year and nearly **500 students** are certified till now. From this academic year onwards, with the support of British Council, Chennai we are going to conduct APTIS exam for all our students.

We received **21 funded projects** worth **2.14 Crore as research grant** from agencies like Department of Science and Technology, Ministry of Mines, CVRDE, MSME, AICTE, TNSCST etc. to enhance our Research and Development platform. Most of the projects are completed and many are on-going. In addition to the faculty, many students have also received grants for their projects.

- **810 + SCIE/SCI/SCOPUS/UGC** and other journals were published by our staff members.
- **2500 + citations** were made.
- **1500 + Conference Publications** were published by our staff members.
- **700 + Innovative Projects** were exhibited by our students with the help of our staff members.
- **200+ Books/Books Chapters** were published by our staff members.

- **28 MOUs** were signed with TATA ELXI, Garuda Aerospace, Sifi Technology, Avian Aerospace, Amogaa products, Live Wire, 6Sigma, Infoziant, Cloudbull, EPR Labs, National Instruments, CDCE Automation, Intelligence Quality, Pyroferus, Nippon Seiki, CADD Centre for Training, Imarticus Learning, EDS Technologies, Intelligence Quality, MIT Square, UK, ICT Academy, CDCEHP Automation Robotics, TANJAM and several others for strengthening the Industry – Education collaboration and provide the real work experience for our students.
- **50 + Research Seminars, Conferences and Workshops** were Organized for both Faculty and Students
- **92 + Patent Publications and 17 Patents** were published by the staff members.
- **Department of Electronics and Communication Engineering and Department of Physics** are recognized as **Anna University Research Centres**.
- **35 faculty received research awards** and recognition from various NGOs.
- **10 of our faculty members** are **recognized as research supervisors** of Anna University.
- **Our institute got DSIR-SIRO certification for exemption of GST in Customs Duty for the purchase of equipment in R&D.**
- **A sum of Rs. 1.76 crores worth equipment is added to the laboratories apart from the requirement of syllabus.**
- **Our college is the MSME incubation center for nurturing entrepreneurship**
- **Rs. 1, 65,000 (One Lakh Sixty Five Thousand) was given to the faculty members who have contributed to R&D in 2023.**

### **Infrastructure**

- **Two modern hostels** with an area of **21,350 sq. ft.** are built for boys and girls separately in a cost of **25 crores** in 2024.
- **Robotics Laboratory** worth **Rs. 55 Lakhs** was established in 2024 to cater the needs and exposure of students in Robotics and Research in Mechatronics Engineering
- **Lift facility** was made available for use in the **cost of Rs. 25 Lakhs** in 2023.
- **Common Computer Centre** was set up with 90 computers in the cost of **1.90 crore** in 2023
- Digital Library was renovated in the Central Library at the cost of Rs. 10 Lakhs in 2024
- IoT and Project Lab was renovated at the cost of Rs. 15 Lakhs in 2024

## Amenities

- Our college hostels **can accommodate 550 boys and 400 girls.**
- We have **a fleet of 22 buses** running in 20 routes covering three districts – Chennai, Thiruvallur and Kanchipuram. Our buses cater the needs of our students and staff from Tambaram to Arambakkam.
- We have **13 Computer Laboratories with 874 computers and 6 servers** with 24 x7 wifi facility both in college campus and hostels.
- We are planning to set up **another lab with latest configuration of 100 computers** before the end of 2024.

In our college through **Institution's Innovation Council (IIC)**, we cater the needs of Entrepreneurship, Innovation, Incubation and IPR. We have **25 innovation ambassadors** in our college from various departments. Through Yukthi Innovation Challenge, **10 teams of our college got selected in the first round** and they disseminated their projects in the regional meet conducted in Crescent Institute of Science and Technology on 1<sup>st</sup> December 2023. We have conducted **77 programmes** through IIC related to Entrepreneurship and Development for the betterment of students and staff members. Through the support of IIC, **seven students have started their own business in 2024 in IT and Extended Services and Textile sectors.**

- NISP (National Innovation and Startup Policy) is framed in our institution under the guidance of MIC (Ministry of Education Innovation Cell)
- We received 4 star rating out of 5 for IIC activities in the academic 2022-23

Other government initiatives like Smart India Hackathon and KAPILA are very successful in our college and conducted several programmes.

- **Our college has adopted five villages under Unnat Bharat Abhiyan Scheme and initiated various welfare measures to the people.**

### **Industrial visit**

Students are taken to the industries every semester to get real industry exposure and learn new techniques and technological developments.

Our students have visited **CTS, Infosys, MEPZ, DELL India, News 7, Central Institute of Leather Research Institute, SIEMENS GAMESA, PARLE AGRO, National Institute of Ocean Technology, ISRO Sriharikota, North Chennai Thermal Power Station, ADANI Port, Murugappa Group of Companies, High Voltage Research Laboratory, IIT Chennai, Centre for Development for Advanced Computing (CDAC), BSNL, Chennai Port, Brakes India Pvt. Ltd., Tamil Nadu Smart and Advanced Manufacturing Centre, TVS Training Services and NARL (National Atmospheric Research Laboratory)** in 2023-24 and gained knowledge.

### **NPTEL Certification status**

- Our college is the Local chapter of NPTEL since November 2016
- We received NPTEL Active Local Chapter Award in the year 2023 for maximum number of registration and pass in NPTEL certification.
- In Academic year 2023-24, 68 Faculty members and 421 students cleared the NPTEL Examinations and received certificates in Gold and Silver Elite categories.
- As a motivation and support, a sum of Rs. 41,500 is given to the faculty members who have completed NPTEL courses and received certificates.

### **Alumni Association**

Alumni association VELITAA of our college is officially registered with Government of Tamil Nadu and every year Alumni Meet is conducted in our college. Office bearers are elected and they are very active in all the endeavours. Many students are benefitted by the association and notably a sum of Rs. 31000 is given to an economically poor student recently. Every month twice the alumni students visit

our college and support our students by providing expert talk, conducting mock interviews and all the other means of placement support.

**Notable Alumni of our college are...**

- Mr. Vignesh of CSE 2014-2018 batch is working as Team Lead in Amazon.
- Ms. SanthaMeena, IRS of ECE 2009-2013 batch is working as Assistant Commisioner, Indian Revenue Service
- Ms. M. Rajashreeof EEE 2017-21 batch is working as Deputy Manager, TVS Motor Company Ltd., Bangalore.
- Mr. Pradeep of Mech 2011-2015 batch is working as Key Account Manager in Danfoss Climate Solutions, USA
- Ms. T. Chitra, IRAS of IT 2008-2012 batch is working as Divisional Finance Manager, Indian Railways, Salem
- Ms. Varsha of AI&DS 2020-2024 batch is working as Software Engineer in Sifi Technologies.
- Mr. Dinesh Kumar of Mechatronics of 2020-2024 batch is working as Engineer in Arcus Automation Private Ltd.

**NCC is very active in our college.** Girls shall also become NCC cadets.

Many programmes were conducted by NCC in the academic year 2023-24.

- Our NCC cadets participated in Tree Plantation Programme conducted in the embankment of Puzhal Dam on 5<sup>th</sup> June 2024
- Students of NCC actively participated in Swaach Bharat Abhiyan on 30<sup>th</sup> September 2023
- Khadi awareness was created among the students by conducting anAwarenesss Campaign at Ponneri Junction on 30<sup>th</sup>October 2023
- Drive against Drugs Awareness Campaign was conducted by NCC at Thatchur Junction 14<sup>th</sup> March 2024.

Following NCC, NSS of our college is also consistently doing several programmes for the welfare of the society and environment

- NSS has organized a Road safety Awareness programme for students and transport staff was conducted on 25<sup>th</sup> July 2023
- Our college NSS volunteers conducted Tree Plantation Camp at Madharpakkam on 2<sup>nd</sup> February 2024
- Health and Eye Checkup camp was conducted by the NSS of our college on 25<sup>th</sup> May 2024.

Our college NSS and Youth Red Cross (YRC) conducted Blood Donation and Free Eye Check-up camp on 4<sup>th</sup> November 2023 on commemorating the birthday of our honourable chairman. **124 units of blood** were donated and **240 members** checked their eyes.

**1429** units of blood are donated since 2018 through NSS and YRC of our college.

Cultural programmes are conducted in symposiums and other programmes every year and all the festivals are celebrated in our college. Every year Pongal, Republic Day, Independence Day, Science Day, Engineer's Day, Gandhi Jayanthi, Saraswathi Pooja, Diwali and Christmas are celebrated in a grand manner.

Linguistic Celebrations like Onam and religious festivals like Ramzan, Moharram, Good Friday, Easter, Krishna Jayanthi, Vinayagar Chaturthi etc. are also celebrated in our college without any discrimination.

Every year, Graduation Day is conducted and degree certificates are given to graduands by eminent Chief Guests

- Her Excellency Dr. Tamilisai Soundararajan, Governor of Telangana and Lieutenant Governor of Puducherry and an eminent scientist Dr. Daniel Chellappa presided the 10<sup>th</sup> Graduation Day on 13<sup>th</sup> November 2022.



- We also conducted “Maaperum Tamil Kanavu”, a programme to praise Tamil as Classical Language on 11<sup>th</sup> April 2023. Renowned Tamil Speaker Smt. BharathiBhaskar and Dr. Sultan Ahamed Ismail were the Chief Guests.
- Placement Day was celebrated 24<sup>th</sup> May 2023 in our campus. Our alumni, **Smt. T. Chitraa, IRAS, Divisional Finance Manager, Salem, Indian Railways was the Chief Guest for the function. 168 students** received their placement offers and **54 students** received **multiple offers** from more than one company. Highest salary package in the offer was **10.75 lakhs** per annum.
- Freshers Day was celebrated on 11<sup>th</sup> and 13<sup>th</sup> September 2023 in our campus. Dignitaries from Cognizant, Virtuasa and LTI Mind Tree graced the occasions.
- Dr. A. Kalamurthy Retd. Superintendent of Police, Trichy gave a motivational speech to our students on 15<sup>th</sup> December 2022.
- MoU was signed with Tamil Nadu Smart and Advanced Manufacturing Centre in the presence of Mr. T.R.B. Raja, Honourable Minister for Industries of Tamil Nadu on 7<sup>th</sup> September 2023.
- Our institution participated as member in TN Global Investors Meet on 8<sup>th</sup> January 2024.

Our college also excels in sports and games. Every year our college students participate in several sports and games and win prizes. We are...

- **Runners** in Anna University Zone 1 **Football in 2021, 2022 and 2023**
- **Winners** in Anna University Zone 1 **Volleyball in 2021, 2022 and 2023**
- **Winners** in Anna University Zone 1 **Cricket in 2019 and 2021**
- **Winners in Anna University Zone 1 Kabaddi in 2022 and 2023**
- **Runners** in Anna University Zone 1 **Cricket in 2018 and 2023**
- **Won RMK Memorial Cricket Tournament in 2019.**
- **Winners in Thiruvallur District Chief Minister Trophy in Kabaddi in 2023**
- **Runners in Thiruvallur District Chief Minister Trophy in Volleyball in 2023**
- **Winners in Volley ball Tournament and Men’s Chess Championship conducted in Dr. MGR Fisheries University, Ponneri**

- **Runners in Second Place in Badminton and Women's Chess Championship conducted in Dr. MGR Fisheries University, Ponneri**
- **Winners in Anna University Zone 1 Handball Tournament in 2023**
- **Winners in State Level Cricket Tournament conducted in Jayasakthi Engineering College, Chennai in 2024**
- **Second Runners up in All India Level Handball Tournament conducted in VIT – Chennai University in 2024.**

**Our students have also represented and won individually in National and State level tournaments in Chess and Athletics.**



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