



# VIDYAAVIKAS

COLLEGE OF ENGINEERING AND TECHNOLOGY  
Tiruchengode, Namakkal District-637214



## ANNUAL REPORT FOR THE ACADEMIC YEAR 2023-24

With the noble intent of imparting exemplary education, Vidya Vikas Educational and Charitable Trust (VVECT) was established in the year 1996 by the pioneers in the field of education. Since then, it has evolved into one of the major group of institutions in Tamilnadu, with various schools and colleges imparting quality education to boys and girls belonging to all strata of society. In continuation of the vision of the Vidya Vikas Educational & Charitable Trust, under the stewardship of Managing Trustees **Dr. S. Gunasekaran, Dr. T.O. Sinagaravel, Dr. S. Ramalingam and Dr. M. Muthusamy**, Vidya Vikas College of Engineering and Technology was established in the year 2007 with initial intake of 240 students in four core branches of Engineering and Technology (CSE, ECE, EEE & B.Tech.-IT).

Presently, the institution offers **Five UG degree courses** in the branches of Engineering & Technology, and **Four PG degree courses** in Computer Applications, Business Management and Engineering. Currently 513 students are studying in our institution. Our core values and activities are always in line with the vision of the institution towards 100% Discipline, 100% Distinction and 100% Placement.

Anna University has affiliated three of our departments viz. ECE, EEE & CSE permanently. This year newly added course B.E - Computer Science & Engineering (Cyber Security) and B.Tech - Artificial Intelligence and Data Science.

Our college received the status of 12B, 2F from University Grants Commission (UGC).

### INFRASTRUCTURAL GROWTH

- The college has state-of-the-art infrastructure with well-equipped laboratories in all the departments.
- "Live Labs and Technology Incubation Centre" has been opened in our campus for the IT industries to carry out live projects and for the SMEs to incubate technologies through their innovative ideas with the help of faculty.
- Research and Development cell has been inaugurated by Dr. Mylswamy Annadurai, Project Director - Chandrayan I&II, ISRO, Bangalore to carry out research in latest trends in engineering and technology.

### LIBRARY

Our Central library has **28,259 volumes of books on 5206 titles**; a separate periodicals section with **148** National and International journals apart from International online journals from DELNET, IEL, ACM, NDL, INVENTI and SAGE are available. A Digital library is available with **11 PCs** and **1600 CDs** with high-speed Internet facility.

### INTERNET FACILITY

Our college enjoys 24x7 high-speed internet with 48 Mbps Fiber Optic leased line and WiFi service is available in our campus with open source mode.



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### **e-GOVERNANCE IMPLEMENTATION**

Our college use tally software for accounts, Students Admission Process is done using TNEA Portal .Examination activities are being controlled with the help of Anna University portal. Library use information management system for its management. Every feedback are analysed by Kredovoiceout software.

### **HOSTELANDMESSFACILITIES**

Our college has spacious hostel sand mess facilities with all amenities. 42 Boys and 43 Girls students can be accommodated in these hostels. Hygienic, healthy and delicious food is being provided to all the hostellers.

### **SPORTS FACILITIES & ACHIEVEMENTS**

To develop interests in sports among students an indoor shuttle court, outdoor volleyball, Basketball, Football and Cricket courts and Jim'nas also been constructed.

### **TRANSPORT FACILITY**

For the students and members of staff to commute, our institution provides transportation facilities at free of cost to the places viz., Salem, Bhavani, Anthiyur, Sankari, Edappadi, Namakkal, Rasipuram, Paramathi, Velur, Karur, Tiruchengode and Erode which falls within 50km radius from the college. To meet the demand for transportation, our college is operating a fleet of buses and vans numbering morethan30.

### **FACULTY**

The institution has 135 faculty members who are erudite scholars in various fields of Science & Humanities, Engineering & Technology and Management. They have wholly dedicated themselves to impart quality education to the student community. As per AICTE norms, we have been maintaining a faculty - students ratio of 1:20.

### **QUALIFICATION UPGRADATION OF FACULTY**

Our faculty members

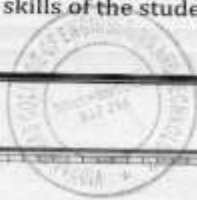
1. **Mr.M.KUMAR, HoD/EEE**, Completed Ph.D Degree in ANNA UNIVERSITY - Chennai
2. **Dr.M.MUTHURAJ, ASP/MECH** Completed his Ph.d in NANO FLUIDS Department of Mechanical Engineering
3. **MR.G.RAVISANGAR, HoD/MBA**, Dept. of MBA by Anna University and morethan15 faculty members of various departments have registered for Ph.D. programme and carrying out their research work in their respective streams. Doctorates are given more preference during faculty recruitment.

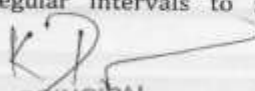
### **PARTICIPATION OF FACULTY MEMBERS IN WORKSHOPS AND IN FDPS:**

In the current academic year, more than 97 faculty members of our college presented their scholarly articles/papers in National, International Conferences, Seminars and also published their articles in Scopus Indexed Journals. Faculty attended several workshops and FDPs to update their technical skills and improve their teachingskills. And ourfaculty members delivered the guestlectures in various colleges.More than 101 Teaching faculty and Non-Teaching faculty members participated in various FDP at different institutions from our college.

### **STUDENTS ASSOCIATION ACTIVITIES**

All the departments in our college have Students' Associations. These associations have been organizing several guest lectures, workshops, seminars and symposiums to impart additional skills beyond the curriculum at regular intervals to improve employability skills of the students.



  
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## **INDUSTRIAL VISITS**

For the students to learn day-to-day activities of the modern Industries and to gain practical knowledge beyond the curriculum, industrial visits are being organized at regular intervals for them. We feel proud to say that our college students have visited many renowned and reputed industries of various sectors. This year our students visited some of the large and medium scale organizations, viz.,

- Kerala Electrical & Allied Engineering Co. Ltd at Kochi
- "Kerala Electrical Limited", Kerala

## **EVENTS ORGANIZED**

During this academic year, our college organized many technical events.

## **STUDENTS PARTICIPATION IN CO-CURRICULAR AND EXTRA CURRICULAR EVENTS**

Apart from academic our college students also excelled in extracurricular activities. Our students participated and bagged many prizes and certificates in various events such as Essay Writing, Technical Quiz, Maths Quiz, Paper Presentation and many more events.

## **MEMORANDUM OF UNDERSTANDING (MOU) signed:**

Our college has signed MoUs with 44 reputed companies to have bilateral sharing of resources for the benefits of students and staff community. Dept. of EEE "Embedded System Design With Audrino For Real Time Application "-ETS Academy, Erode.

## **VALUE ADDED PROGRAMS**

Our college offers various value added courses in association with various companies for the students to learn beyond curriculum and improve their employability skills, viz.,

### **MANAGEMENT'S SCHOLARSHIP**

Our Vidyaa Vikas Educational and Charitable Trust and our Managing Trustees were so kind to contribute a sum of Rs.3,10,000/- to meet the educational expenses of 16 students hailing from economically poor background.

### **MEDICAL AIM POLICY BENEFITS**

All members of staff and students are being insured through "United India Insurance Company Ltd." for them to avail monetary benefits in case of accidents and other untoward incidents if any.

## **GUEST LECTURES**

All the departments have organized guest lectures and pep talks with 24 eminent personalities who have visited in our college for these events. Few among them are:

1. Mr.N.Prabhu, Senior Embedded IOD developer ETS Academy, Erode
2. Dr.Magesh, Prof/Civil, K.S.R.C.E Tiruchengode.
3. Electromagnetic Fields, K.Kodeeswari AP/ECE
4. Microprocessor Microcontroller, E.Satheeswari AP/ECE
5. Satellite Communication, A.Jagadeeswaran AP/ECE
6. One day seminar on IoT M.Parthipan, Caliber Embedded ,Salem.
- 7.

## **EXTENSION AND OUTREACH ACTIVITIES**

The Dept. of EEE Renewable energy system laboratory and Electric vehicle system designing laboratory was established in the academic year of 2023-2024

To carry out extension and outreach activities, our college has NSS, YRC, RRC, Rangers and Rovers, Tamil Mandram club, Women Empowerment Cell, Career Guidance Cell and Manavalakkalai Mandram to impart discipline, patriotism, life skills and improve their inter and intra personal skills. I am proud to inform everyone that our VVCET is the only engineering college in Tamilnadu, which has Rangers and Rover sun it



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Our Rangers and Rovers attended the "Nipun Badge and Rajya Purashkar Preparatory Test Camp" to obtain "Rajya Purashkar Award" and also conducted the orientation program for Rangers and Rovers in our campus. I take pride to inform you that throughout Tamilnadu ours is the first college to conduct an examination for this prestigious award.

There are many awareness programs conducted by these clubs such as "World Population Day Rally", "Eye Camp", "Plastic eradication awareness programme", "World Yoga Day", "World Youth Day", "World Women's Day", "Aadhar registration and correction camp", "National children Science congress- Exhibition", "Road and safety awareness programme", Trekking, Orientation Programmes, volunteered for temple services in Lord Arthanareswara Temple, Sai Temple and soon.

There are various competitions viz. speech, essay writing, drawing, paper presentation conducted to our students due to Swami Vivekananda's Birthday, Republic Day, Consumer Protection Act 2019 and Food Safety Awareness by our Tamil Ilakkiya Mandram.

Teacher's day celebration & competitions, First year inaugural day celebrations and competitions, Pongal celebrations and Republic day celebration and competitions.

A Blood Donation camp was organized successfully with the help of NSS, YRC, RRC and Rovers & Rangers in the presence of our esteemed Managing Trustees. 200 units of blood was donated by our donors which included our Managing Trustees, members of staff and students. We hope to conduct this every year and instill the importance of service for the society among our students.

Various online and offline examinations conducted in our campus for government jobs viz. Teachers' Recruitment Board, Tamilnadu Forest Department, Tamilnadu Construction Workers Welfare Board and soon. More than 5000 candidates attended the TNCWWB examine our campus.

#### **FUTURE ACTIVITIES:**

In the years to come, our college will strive hard to get accreditation for all our departments by National Board of Accreditation (NBA) from University Grants Commission (UGC) and Autonomous status.

We have proposed to offer new PG degree courses for EEE, ECE and Civil Engineering and establish research centres for all the engineering departments to offer doctoral degree programmes in association with Anna University.

#### **CONCLUSION OF THE REPORT**


A part from learning subjects, our students also develop their overall personality and problem solving skills to meet challenges which they likely to face in their career. Our college is working in a single mind to enrich talents of students' community.

We pray for a bright future to our final year outgoing students. We wish our students to emerge socially responsible citizens and raise the reputation of our college while they discharge their duties wherever they are employed.

As a head of the institution, I record my sincere thanks to our Esteemed Trustees, dedicated HoDs, learned faculty members, Administrative Officer, Placement Officer and Non-teaching staff for their kind co-operation extended to put our institution on the track of development. I strongly believe that they will extend their fullest cooperation in the fourth coming year as well for the robust growth of our institution.

Thankyou.



  
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