

A.V.C. COLLEGE OF ENGINEERING,

MANNAMPANDAL, MAYILADUTHURAI

29th Annual Day: 27.03.2025

ANNUAL REPORT 2024-2025

- ❖ Distinguished Chief Guest, **Hon'ble Justice Mr. K.Venkataraman, Judge-Administrator**, A.V.C Institutions, Director of A.V.C College of Engineering, Principals, Director and Staff members of Sister Institutions, HoDs of various departments, Sincere and dedicated teaching, Supporting and Administrative staff members, Parents, Guests, Special invitees, Members of the press and media and my dear students, Good Afternoon to all present here.
- ❖ With great pleasure I, **Dr.P.Balasubramanian**, Principal, A.V.C. College of Engineering, present the Annual Report for the academic year 2024 – 2025.
- ❖ The well known Anbanathapuram Vahaiyara Charities was established in the year 1806 by the philanthropic families of Anbanathapuram, Enathimangalam, Kanganamputhur, Karukudi and Pallavarayanpettai.
- ❖ To promote technical education in this rural area, A.V.C. College of Engineering was started in the year 1996 with the vision of providing higher technical education to the students living in the Mayiladuthurai District. The institution is now administered by **Hon'ble Justice Mr. K. Venkataraman, Judge- Administrator**, A.V.C. Institutions.
- ❖ From the inception, our institution is growing from strength to strength offering eight popular UG programmes and two PG programmes. MCA, Mechanical and Chemistry departments are recognized by Anna University as Research centres to offer Ph.D.
- ❖ This college has more than 30 acres of land in an ever-green atmosphere. It has individual spacious block for each departments with a total built up area of about 30,000 square meters.

- ❖ It has ISO certification by DNV, Netherlands from February 2003 and the status is maintained till now. National Board of Accreditation (NBA) accredited four programmes namely Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Computer Science Engineering for three years from 2022. NBA confirmation of Accreditation visit is scheduled on 29th March 2025 for the above four programmes.
- ❖ National Assessment and Accreditation Council (NAAC) accredited our institution with “A” grade in third cycle under the esteemed guidance of our Honorable Judge Administrator, and is now eligible to apply for autonomous status.
- ❖ Our Honourable Judge Administrator has sanctioned an amount of Rs. 50 lakhs for establishing Artificial Intelligence and Data Science Laboratory. It will be inaugurated by our Administrator on 28th March 2025.
- ❖ Apart from regular academic role, the institution is concentrating more in R&D activities and faculty developments.
- ❖ At the Research Centre, 03 MCA and 08 Mechanical Engineering scholars are pursuing their Ph.D. in part-time mode. This academic year, one scholar each from Mechanical Engineering and Computer Applications was awarded a Ph.D.
- ❖ Our institution continues to upgrade its infrastructure, adding Rs. 89.7 lakh worth of new lab equipment. The computer labs are well-equipped with 680 systems and 300 Mbps Wi-Fi connectivity. Separate hostel facilities accommodate 200 girls and 150 boys.
- ❖ The library holds 61,286 books, 1,041 e-journals, and 48 national journals, with an additional Rs. 5.12 lakh spent this year on books and periodicals.
- ❖ To ensure uninterrupted power, the campus has 785 kVA backup power through transformers and diesel generators, a 1,000 LPD solar water system, and five RO plants providing clean drinking water for students and staffs. Our

college currently offers eight undergraduate and two postgraduate programs, with Artificial Intelligence and Data Science being the latest addition. Among them, six programs have permanent affiliation with Anna University.

- ❖ We take pride in having 1,623 students enrolled, including 1,387 UG and 236 PG students, with 46.3% of them being female students. Our dedicated team of 111 teaching faculty and 109 non-teaching staff ensures a strong academic foundation and overall student development.
- ❖ To support students from financially weaker backgrounds, we facilitate government and private scholarships. For the academic year 2024-2025, a total of 1,336 students benefited from the state government scholarship scheme, amounting to Rs. 2.98 crores.
- ❖ Additionally, under the Pudhumai Pen Scheme, 80 girl students receive Rs. 1,000 per month, and 129 boys under the Tamil Pudhalvan Scheme receive the same. Since 2018, 14 students have been awarded the Foundation for Excellence (FFE) Scholarship, receiving Rs. 40,000 annually throughout their course duration.
- ❖ In terms of academic performance, our UG students achieved an overall pass percentage of 55% in the April 2024 semester, while PG students recorded 76%. Results for November 2024 are awaited.

I am very proud to present the achievements of our faculty members.

- ❖ During this Academic year, 30 faculty members achieved 100% results in Anna University exams.
- ❖ Three faculty members, Dr.J.Sharmila Devi, Assistant Professor of ICE, Dr.K. Aruna, Assistant Professor of IT and Dr. K. Manikandan of IT completed their Ph.D degree.
- ❖ The institution received its first patent grant for an IoT-based dam safety system, and eight patents from multiple departments secured AICTE-KAPILA

funding; Dr. M. Latha received NPTEL and IIT Spoken Tutorial awards, and faculty members excelled in NPTEL courses; Dr. R. Renukadevi and Dr. J. Swaminathan received Rs. 1,00,000 AICTE funding for an ATAL FDP, while Dr. Renukadevi and Dr. M.S. Gayathri received ICSSR grants (Rs. 1,00,000 & Rs. 1,25,000) for national seminars; Dr. R. Kanimozhi and Dr. V. Padmavathi received ICSSR travel grants for international conferences.

- ❖ In total Rs. 3,25,000/- received through the proposals submitted through R&D Cell for the faculty members. Received Rs. 25,000/- from ICT Academy for having hosted the Infosys CSR Training Programme for the students from 21.08.2024 to 14.09.2024 on “Finishing School of Employability”. The department of Civil generated Rs. 3,13,000 through 28 consultancy projects.
- ❖ Dr. S. Vadivazhagi received an appreciation certificate for Naan Mudhalvan – SPOC; Lieutenant Dr. M. Umamaheswari represented 8 TN BN Kumbakonam NCC; faculty members served as evaluators for MoE-AICTE’s School Innovation Marathon; 40 journal papers and 55 conference papers were published/presented; 58 workshops and 133 FDPs were attended; 11 faculty members published 13 books.
- ❖ 55 out of 111 faculty members hold Ph.D.s, while 23 are pursuing Ph.D.s; 24 faculty members served as resource persons/jury members, and 20 faculty members are reviewers/editorial board members for reputed journals.

I now present the achievements of our students

- ❖ Aakash Prasanna.K (IV CSE) secured a GATE score of 704 (AIR 1225), while R. Aakash (II CSE) participated in a Guinness World Record attempt. CSE students won prizes in various competitions, and M. Karthika (I-IT) secured first place in a Tamil Elocution Competition.
- ❖ First-year MCA students excelled in NEXUM 2025. A total of 249 students completed in-plant training, while 330 attended seminars and workshops. Students visited industries across Kerala, Puducherry, and Bengaluru. Four

teams from MECH, CSE, and IT reached the AICTE - SMART INDIA HACKATHON 2024 Grand Finale, marking A.V.C. College of Engineering 7th consecutive participation, with past wins in 2020 & 2022. Under NIRAL THIRUVIZHA, 4 teams received Rs.10,000 each for innovation, and six final-year batches secured TNSCST project grants for Rs.45,000 through the R&D Cell of our Institution.

- ❖ NCC SW (Senior Women) 8 cadets earn “C” certificates and 13 earn “B” certificates. AVCCE’s NPTEL Local Chapter recorded 673 enrollments, IIT Bombay’s Spoken Tutorial benefitted 1,274 participants, and Naan Mudhalvan provided skill-based courses to II, III, and IV-year students.
- ❖ R. Akash (II CSE) won a Gold Medal in the YSPA Taekwondo State Championship and a Silver Medal in the State Level Open Karate Championship 2024. Viswa Prasanna represented the South Zone Archery Team in the All India Inter-University Archery Tournament. The Men's Ball Badminton and Women's Chess teams secured Silver Medals in the Anna University Zone-15 Tournament.
- ❖ Students won 12 medals in athletic events and nine students represented Zone-15 in the Anna University Inter-Zone Tournament. Our students actively participated in the Tamil Nadu CM Trophy at the district level, securing 10 awards and competing at the inter-district level.
- ❖ The Men’s Volleyball, Kabaddi, and Women’s Badminton teams reached the quarter finals in the Anna University Zone-15 Tournament, while students also participated in the Edition Marathon Championship Race in Coimbatore.

I now present the various club activities organized by our institution

- ❖ Our college placement cell successfully organized on-campus and off-campus drives, securing placements for 109 students in 14 companies, including Infosys, Delphi TVS, City Union Bank, and Controlsoft Engineering. An aptitude training program was conducted by Mr. B. Vinoth to enhance

students' skills. In ISTE Staff Chapter 150 staff members got benefited and in ISTE Students Chapter 385 students got benefited through two programs. ICT Academy organized five programs, earning four Appreciation Awards, including recognition for Learnathon 2024, Value Partner for MongoDB Academic Program, E-SEVAI FOR ALL – a Training program and a Center of Excellence for Youth Empowerment.

- ❖ The Institution's Innovation Council (IIC) conducted 35 events, benefiting 1,400 participants, and received a two-star rating from the Ministry of Education. The ED Cell organized five programs, reaching 407 students and 39 staff members, while the IPR Cell held three programs benefiting 334 students. The IQAC, R&D Cell, and various department forums (IIPE, IEI, IETE, ISOI, and Coding Club) conducted workshops, technical events, and hands-on training, collectively benefiting hundreds of students.
- ❖ The Women Empowerment Cell organized six programs, including Women's Day competitions like "Herbal Magic on My Plate," inaugurated by our honourable Administrator. In Fine Arts Club 118 students showcase their talents in Vidiyal Kalai ilakiya Mandram competitions. The Yoga Club celebrated International Yoga Day on 21.06.2024, with sessions led by expert instructors, benefiting 150 participants.

I now present the various programmes organized by our institution

- ❖ A.V.C. College of Engineering organized 55 guest lectures, seminars, and workshops for students and staff, and signed MOUs with 17 industry partners, including Edunet and GK Tech Automation. The college hosted TechnothirstT' 2025, a national-level Technical Symposium on 14th March, 2025, and celebrated the 10th International Yoga Day on 21st June, 2024, with expert demonstrations. The 78th Independence Day and 76th Republic Day were marked with flag hoisting by Honorable Justice K. Venkataraman, and

Engineers' Day was celebrated on 19th September, 2024, with a theme on sustainability.

- ❖ The AVCCE Alumni Association actively contributed through guest lectures, and the Alumni Meet 2024 on December 21 honored outstanding alumni, with 80 participants joining from across the world. From each department, two alumni were honored with “Best Alumni contribution award-2024” and “Best alumni Entrepreneur award- 2024”.
- ❖ Social initiatives included a blood donation camp, collecting 158 units, and receiving an appreciation award from the Mayiladuthurai District Collector for donating 6,129 units since 2003. The NCC, NSS, YRC, and RRC organized awareness programs and a medical camp with Aravind Eye Hospital on November 7, 2024, benefiting over 700 staff and students. 29 NCC cadets attended the Republic Day camp in Kumbakonam.
- ❖ I am deeply grateful to the Honorable Administrator for his unwavering guidance, encouragement, and motivation, which have been a constant source of inspiration. His compassionate approach, positive outlook, and problem-solving skills continuously uplift and empower us to strive harder.
- ❖ At this moment, I extend my heartfelt thanks to the esteemed Chief Guest **Hon’ble Justice Mr. K.Venkataraman, Judge - Administrator**, Director, HODs, recruiters, alumni, teaching and non-teaching staff, parents, students, and media for their invaluable contributions to the college’s success. I look forward to their continued support in the future as well.

Have a Pleasant Day! Thank You!