



VELAMMAL ENGINEERING COLLEGE
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Ambattur – Redhills Road, Surapet, Chennai – 600066

AQAR 2020-21

INSTITUTIONAL DISTINCTIVENESS

As a pioneer in high-quality efforts to advance knowledge of the highest calibre, national consciousness, global competences, social responsibility, and humane values, Velammal Engineering College (VEC) has carved out a special niche for itself. VEC offers a comprehensive education and accepts students from all sections of society. Considering value-based education as a top priority, VEC is widely regarded as the most reliable brand for students' integrated/holistic development. The Institute, with its unique approach, has extremely effective governance and administrative systems to guarantee prompt implementation of programmes with a defined aim.

Engineering is a career that deals with manipulating materials, energy, and information to benefit humanity. To do this successfully, engineers must have a knowledge of nature that goes beyond mere theory; knowledge that is traditionally gained in educational laboratories. The objectives of attending online classes and laboratories are to teach students about the concepts, algorithms, experimental tools, the scientific process, how to conduct careful experiments, and how to analyse and interpret the results. Technology has changed the possibilities within teaching and learning. Digital education is the term used to refer to all online educational practices. It includes lecture modules with inbuilt visuals, text, quiz, FAQs, assignments, glossaries, case studies, references, discussion and download. We encouraged our students to do online internships and also conducted guest lectures, workshops, case studies etc. During Pandemic VEC had conducted Virtual labs and webinars apart from regular classes. Students who are having difficulty in meeting academic milestones are given extra help in the form of remedial classes, regular mentorship for all students, and counselling for those who require it. Value education and professional ethics courses were conducted to enlighten the young minds about the importance of practicing moral and ethical values in personal, professional, and social settings.

Students are encouraged to take up innovative projects with possibility of commercialization. New Gen IEDC of VEC aims to inculcate the spirit of innovation and entrepreneurship amongst the students, encourage and support start-up creation through guidance, mentorship & support. A maximum of twenty new projects would be supported in a year. The projects are students' projects with a high degree of innovation and commercial viability to lead to possible start-up by students.

Faculty members enthusiastically push their graduates to be intellectually competent, spiritually inspired through social activities, and bound to leave their mark wherever they go. Remedial classes, frequent mentoring for all students, and counselling for those who need it are all offered to kids who are struggling to fulfil academic milestones.