6.2.1 The institutional Strategic / Perspective plan is effectively deployed.

Contents

S. No	Description	Pages
1	Strategic Plan and Deployment Documents	02-14
Evidence of Success		
2	To provide employment and higher education opportunities for student	
	Career Guidance & Training and Placement cell (CGTP)	15
	Placement Team	15-16
	Internal & External Training Programmes	17-18
	Details of Placement Statistics (2017-2022)	18-24

Institutional Strategic Plan

Preamble

Over the past 13 years, Avanthi Institute of Engineering and Technology has been engaged in providing quality education for the future generations of engineers. AIET was started in 2005 with four B. Tech programs (ECE, CSE. EEE, Mech) with an intake 240, today it has emerged as a leading institution in the state with an intake of 828 students in five (CSE, ECE, EEE, Civil and Mech) Undergraduate programs, and four M.Tech programs (CSE, VLSI Design, Power Systems, CAD-CAM, Power Electronics and MBA). With an unparalleled infrastructure and state-of-art facilities, outstanding academic results and achievements in sports and NSS (3 Units) we are positioned as a college of choice for the students to weave their engineering dreams into reality. The institution is NAAC accredited with of 3.00 on four-point scale at "B^{++}" grade valid up to 26-09-2023, and recognized by UGC under 2(f), 12(B) and is Permanently affiliated to JNTUK, Kakinada and is now one among the Best Engineering colleges in Andhra Pradesh. Our academic excellence has been the cornerstone of our reputation, our students and graduates are recognized and valued for their integrity, commitment, ethical behavior and leadership qualities.

Its In-House training and placement department (TPC) trains the students in a distinguished methodology for both on and off campus placement activities. Career Guidance Cell (CGC) Supplements information that helps and guide the students for their future careers. Entrepreneurship Development Cell (EDC) organizes activities to turn the students into successful Entrepreneurs.

Industry Institute Interaction Cell (IIC) injects the practical exposure and congenial relationship with industry for which it signed 20 MOUs with the best institutions including companies like Infosys, TCS, Amazon, etc.

Avanthi Institute of Engineering and Technology (AIET) has progressed so fast because of visionary patronage, committed leadership, hard work and community and Industry partnerships. These achievements are a testament to the fortitude of every faculty and staff member who enabled change at a pace never experienced before. The campus setting, learning environment and the vibrant community all contribute to an exceptional academic environment that gives AIET much to celebrate and build upon.

Since its inception it has been encouraging the students and faculty in their academic pursuits by imparting high quality technical education and striving hard to transform this institute into one of the best technological institutions in the country.

Strategic Plan

To facilitate continued excellence and leadership in our mission, this Strategic Plan has been developed as a guide envisioning our future priorities. Aligned with the Institute's Mission, this Strategic Plan defines the objectives and strategies that will build towards the goals outlined.

Avanthi Institute of Engineering and Technology (AIET) Planning and Development Committee (PDC) was constituted in 2018 with key Institute leaders and faculty representatives. The PDC prepared a draft strategy document with a vision, mission, goals and action items. The planning process started with a brainstorming session by a team of faculty members, focus group meetings with students, discussions in department faculty meetings and alumni inputs. The participants were grouped and completed an extensive SWOT analysis on the state-of-art of Avanthi Institute of Engineering and Technology. The PDC team developed ideas on the major goals, objectives and strategies. Suggestions and feedback were invited from all stakeholders: Parents, Faculty, Staff, Students, Alumni and Industry. The recommendations from all its stakeholders were consolidated as six major goals. Six groups of subcommittees reviewed the objectives and strategies and completed the draft plan. Finally, the draft plan was presented to the AIET GB members, Chairman, Principal, Deans and all HoDs, Professors and faculty for feedback and for fine tuning. After incorporating the suggestions and feedback, the Strategic Plan 2018-2023 has been finalized.

Our Vision, Mission and Values

Vision

To develop highly skilled professionals with ethics and human values

Mission

1. To impart quality education with industrial exposure and professional training.
2. To produce competent and highly knowledgeable engineers with a positive approach.
3. To have self confidence among students which is an imperative prerequisite to face the challenges of life.

Quality Policy:

Avanthi Institute of Engineering and Technology, emphasizes the ethical ideals to innovate advanced training by creating the best possible infrastructure through an engaging, activity-oriented teaching. It also uses the most updated information and communication technology to enhance an engineering approach among the students, aiming for an effective and ambitious administration which is responsive in all the aspects.

Core Value

Avanthi Institute of Engineering and Technology (AIET) focused on five core values detailed below.

(i) Contributing to National Development

Contributing to National development has always been an implicit goal of AIET. Serving the cause of social justice, ensuring equity, increasing access to higher education, human resource development and capacity building of individuals, to cater to the needs of the economy, society and the country as a whole, thereby, AIET is contributing to the development of the Nation.

(ii) Fostering Global Competencies among Students

With liberalization and globalization of economic activities, the need to develop skilled human resources of a high caliber is imperative. Therefore, AIET is preparing the students to achieve core competencies, to face the global challenges successfully and be innovative, creative and entrepreneurial in their approach. Towards achieving this, AIET established collaborations with industries, network with the neighborhood agencies/bodies and foster a closer relationship between the "world of competent-learning and the world of skilled work".

(iii) Inculcating a Value System among Students

Although skill development is crucial to the success of students in the job market, skills are of less value in the absence of appropriate value systems. In India, with cultural pluralities and diversities, it is essential that students imbibe the appropriate values commensurate with social, cultural, economic and environmental realities, at the local and national level. AIET takes responsibility for instilling the desired value systems among students.

(iv) Promoting the Use of Technology & Innovation

Technological advancement and innovations in educational transactions have to be undertaken by all, to make a visible impact on academic development as well as administration. To keep pace with the developments in other spheres of human endeavor,

AIET has enriched the learning experiences of their students by providing them with state-of-the-art educational technologies including Information and Communication Technologies (ICT). AIET established Technology Incubation Hub, and Entrepreneurship Development Cell to encourage students and faculty for Innovation.

(v) Quest for Excellence

The Institute is committed to excellence in all spheres of its activities, and through internal and external reviews, and will work towards continuous improvement. The Institute will demonstrate excellence by our people, programs and outcomes, as well as by the quality of decisions and actions recognized through awards and honors. This 'Quest for Excellence' started with the assessment or even earlier, by the establishment of the Internal Quality Assurance Cell (IQAC) in the campus.

(vi) Integrity

Integrity involves honesty and fairness, consistency in instruction, ethics of scholarship, freedom of inquiry, and open and truthful engagement with the community through effective communication, policies and practices. Research and Teaching shall be carried out in an environment of academic freedom and honesty. The Institute will adhere to the standards of ethics in all its activities.

(vii) Transparency

The Institute will function according to defined procedures and rules, which will be informed to all stakeholders. The Institute will put all important information related to its functioning in college Website, http://www.aietta.ac.in/

Strategic Goals

In order to achieve its Mission, retaining the culture and aspirations, The Avanthi Institute of Engineering and Technology has established the following

GOALS:

GOAL1: Be among the Best Technical institutions in the country in Technology.

GOAL2: Developing Excellence in Research and Consultancy.

GOAL3: Developing Excellence in Innovation and Entrepreneurship activities.

GOAL4: Recruit, reward and retain a community of dedicated faculty and staff.

GOAL5: To focus on overall development of the students through high quality academic programs, training, placement co-curricular and extra-curricular activities and community outreach programs.

GOAL6: To establish and maintain facilities and infrastructure; governance and administration that achieve the college's Vision and Mission.

GOAL 1:

Be among the Best Technical institutions in the country in Technology.

Avanthi Institute of Engineering and Technology planned to develop the next generation of Engineers, Innovators and Entrepreneurs who will attain technical competence with leadership skills. The college will continue to strive in creating lifelong learners through the active engagement and support of its stakeholders and alumni.

Objective 1.1: Improvement in Teaching, Training and Learning Facilities cum Strategies:

a) Modernize and Strengthen the Laboratories as per AR16 Regulations.
b) To increase Interdisciplinary interactions among faculty and students and the outside world on the upcoming technologies and the changing needs of the society.
c) Continuous updating of books, Learning Resources and Course specific software.
d) Keep the Library and Digital Library Facility open to maximum time possible
e) Encourage innovative teaching, learning and assessment methods
f) Enhance faculty and student interaction with reputed institutions/companies through training programs, workshops and collaborative projects
g) Increase internships and student exchange programs at reputed institutions and companies.

Objective 1.2: Institutional Brand building Strategies:

a) To be a student centric institute, where academics is followed with utmost passion and sincerity.
b) Improve overall student and faculty satisfaction for word of mouth
c) Evolve mechanisms to attract high quality students from local, national and international
d) Ensure quality assurance through Annual Quality Assessment
e) Attain higher levels of achievements in co-curricular and extra – curricular activities
f) Inspire social commitment of staff and students through outreach activities
g) Enhance the role of stakeholders in decision making

h) Establish structured feedback system from stakeholders for curriculum enrichment activities

i) Monitor the effective implementation of the strategic plan

Objective 1.3: Promote Alumni networking with students Strategies:

a) Create a world-wide Avanthi Institute of Engineering and Technology Alumni network

b) Attract alumni support in placements and internships for students

c) Enhance the involvement of Alumni as Resource persons for technical workshops and invited talks.

d) Strengthen Alumni involvement as Innovator or Entrepreneur in the campus start-up ecosystem–Technology Incubation Hub, Business Incubation Centre and Entrepreneurship Development Cell.

GOAL 2:

Developing excellence in Research and Consultancy

Our endeavors fostering innovation, Research, Consultancy, Internship programs and Entrepreneurship in the coming years will prepare students to be global citizens.

Objective 2.1: Strengthen research activities strategies:

a) Increase research publications in reputed peer reviewed refereed Journals.

b) Encourage faculty and students to organize/ attend workshops, conferences, invited talks, seminars etc.

c) Increase the number of external and internal research projects. More focus on Sponsored Research projects.

d) Encourage faculty and students for commercialization and patenting of Research products

e) Continuously monitor and apply for financial aids given by central, state governments and various international organizations

f) Become approved Research Centre for all the Departments of the college by JNTUK, Kakinada and other Universities also.

g) Develop two to four nationally recognized areas of marked distinction within the college by identifying unique research opportunities that match our faculty's expertise, building upon the research strengths of the college and developing road maps.

h) Establish an Interdisciplinary Research Centre in the campus.

Objective 2.2: Strengthen Industry-Institute Interaction Cell for consultancy and internships Strategies:

a) Nurture a culture of research and innovation excellence focusing on challenges of society in the region.
b) Strengthen consultancy cell and pursue consultancy activities for all the departments.
c) Sign MoUs with reputed industries and organizations for productive partnership to undertake joint research projects, training and internships.

GOAL 3:

Developing Excellence in Innovation, and Entrepreneurship activities

Objective 3.1: Strengthen Entrepreneurial ecosystem in the campus Strategies:

a) Facilitate and develop a culture of research entrepreneurship that rewards faculty & students for the development of Intellectual Property Rights (IPR).
b) Encourage students and Faculty (Department wise) to participate in Technology Incubation Hub that promotes entrepreneurship.
c) Develop Business Incubation Center and meet-up spaces focusing on MSMEs.
d) Conduct training programs / workshops / events /competitions focused on Innovation and Entrepreneurship.

GOAL 4:

Recruit, Reward and retain the community of dedicated faculty and staff

a) AIET will recruit, reward and retain a team of dedicated and committed faculty and staff, and provide a productive work environment to achieve a bright career ahead.
b) Improve faculty welfare
c) Improve facilities to all staff.

Objective 4.1: Ensure quality in intake of faculty and staff Strategies:

a) Recruit faculty and staff through a rigorous screening process evaluating their capability and interest
b) Establish norms for career advancement in tune with AICTE & UGC guidelines
c) Conduct compulsory induction program for newly joined faculty

Objective 4.2: Encourage and enable faculty excellence Strategies:

a) To be a campus where 20 percent of faculty members hold a Ph.D. degree within 5

years

b) Review and accommodate innovative teaching methodologies
c) Build a team of outstanding faculty and ensure that every faculty member has a career path to academic excellence and success
d) Encourage the faculty and students to participate in seminars, conferences, workshops and faculty development programs at reputed National and International organizations.
e) Re-engage the senior faculty in a more active research role by providing incentives such as differential workload, flexible timings and a faculty evaluation system that better reward research and consultancy excellence.
f) Ensure continuous value addition to skill sets for all employees
g) Ensure training on basic pedagogy and advanced pedagogy each of one week duration including both theory and hands on learning.
h) Ensure exclusive training on student counseling by psychologists.

Objective 4.3: Facilitate welfare measures for a rewarding career Strategies:

a) Implement performance-based incentives, rewards and recognition
b) Conduct skill development programs in advanced technology areas for faculty and technical staff
c) Encourage faculty and staff towards entrepreneurship
d) Implement attractive pay and other benefits for personal/professional development
e) Organize at least one family-based activity such as picnic, yoga & meditation, food & nutrition once in a year.

GOAL 5:

Focus on holistic development of the students through high quality academic programs, training and placement, co–curricular and extracurricular activities and community outreach programs.

Objective 5.1: Ensure quality teaching and learning Strategies:

a) Introduce and implement the use of ICT for teaching and learning
b) Empower students' personal and professional development through academic and professional advising, peer-to-peer mentoring etc.
c) Regular audit on effectiveness of both UG & PG curriculum
d) Strengthen the quality and impact of the M.Tech program.

Objective 5.2: To prepare students for successful placements and/or higher studies Strategies:

a) Enhance career guidance and placement activities to attract core companies
b) Offer skill based and industry relevant training programs
c) Train students to get admissions in top ranking institutions in India & abroad.
d) Take measures including academic support to weak students to improve the student pass percentage by appropriately addressing the related issues
e) Special focus on communication skills with special care on disadvantaged groups.

Objective 5.3: Develop a culture to serve the society Strategies:

a) Motivate student projects relevant to society and to provide solutions to regional problems.
b) Encourage students for community service through NSS activities.
c) Encourage support for NGOs engaged in Social Service Activities

Objective 5.4: Provide an environment for the holistic development of students Strategies:

a) Enhance extra-curricular, co-curricular activities and Hobby Clubs
b) Enhance department association and professional society activities and ensure mass participation of students
c) Develop counseling Centre to address students' psychological and emotional issues
d) Empower the student Activity Centre to discuss common problems of students and ensure its solution.
e) Effective Grievances Redressal Mechanism to address grievances.

GOAL 6

Maintain facilities and infrastructure; governance and administration that support the achievement of the college's Vision, Mission and Values

Objective 6.1: Achieve excellence in governance and administration through transparency, accountability, quality and trust Strategies:

a) Establish well defined rules, policies and simple procedures.
b) Decentralization of powers and all-inclusive well defined organizational charts
c) Provide financial powers to departments and manage its utilization with accountability and transparency
d) Celebrate and reward excellence in innovation, leadership and initiative.

e) Streamline the process of budgeting and financial auditing.

Objective 6.2: Develop world class infrastructural facilities for undergraduate and postgraduate education, and research Strategies:

a) Develop a master plan that addresses the need for the present and the future.
b) A full-fledged maintenance cell to undertake the maintenance of infrastructure and other facilities.
c) Continuous up-gradation of lab/workshop requirements at par with reputed National / International institutions
d) Improve library facilities- print and digital resources, both at central and department libraries. Improve medical facilities in the campus including ambulance
e) Enhance facilities for sports, arts and recreation, with time extension beyond regular working hours.

Steps for Effective Implementation and Monitoring:

1. Identify leaders from AIET Planning and Development Committee for the five strategic goals who will develop appropriate targets and assessment plans.
2. Communicate this College Strategic Plan to all Stakeholders in general and Head of Departments (HoDs) in particular.
3. Encourage Head of Departments to align their Departmental plan with the College Strategic Plan.
4. Encourage a college culture that will give true feedback and suggestions from Stakeholders.
5. Schedule Bi-Annual reviews Chaired by the Chairman assisted by Principal & Deans who is also Coordinator of this Strategic Plan to assess progress on Strategic Goals, Objectives supported by appropriate targets and to revise this Strategic Plan where necessary after discussion with GB members.
6. Encourage a College Culture that will enthusiastically promote continuous planning and support new ways of doing by empowering all departments.

Short Range Goals:

1. To strengthen the Centre of Excellence (COE) in Engineering and Technology and to set up more incubation Centers and Startups.
2. To strengthen Institute/Industry/Alumni interaction to enable better placements and get increased number of internships.

3. To get recognition as a Research Centre by affiliating university.
4. Participate in AICTE Margdarshan to upgrade the level of other institutions.
5. Faculty/Student exchange programs at the international level.
6. To improve "e-ATL" facilities for the students and faculty to access e-books and e-journals at any point of time, from my location.
7. To implement Digital Evaluation is the examination system.
8. To improve e-governance facilities.
9. Implementation of Skill development training programs to students from first year onwards.
10. To multiply the number of patents and publications.
11. To start new UG/PG Programs in emerging areas/technologies, thus improving the potential of employability among the students.
12. To embrace innovative teaching methodologies to optimize the Teaching- Learning process through academic and administration reforms leading to improved learning outcomes among the students.
13. To organize one International / National Conference in each department.

Medium Range Goals

1. To be recognized as an International Research and Development Centre.
2. To organize one International / National Conference in each department.
3. Implementation of a fully Automation process.
4. To have a linkage with foreign universities.
5. To be a campus where 40 percent of faculty members holds a Ph.D. degree within 5 years

Long Term Goals:

1. To reach the status of an autonomous private technical campus.
2. To integrate the academics and R & D programs in collaboration with the reputed Universities and Industries.
3. Need to establish faculty quarters within the campus.
4. To make a fully residential campus.
5. To increase IPR & Branded as Research Institute.
6. To have an industry chair in each department sponsored by the industry.
7. To be ranked at the top in the list of NIRF Technical Institutions in India.

Strength, Weakness, Opportunity and Challenges (SWOC) Analysis

Institutional Strength

1. The institution has situational advantage-located in the heart of the city, and caters education to 828 students each year in UG and PG programs.
2. Full-fledged admissions into Commerce, Physical Sciences programs, and Life sciences offered by the institution at UG level because of the brand name Avanthi Institute of Engineering and Technology.
3. Student-centric teaching methods employed with a view to instill empirical, mutual and inclusive learning atmosphere.
4. Avanthi Institute of Engineering and Technology Evaluation System is continuous, tough and transparent.
5. Offers education to all segments of the society while promoting an independent and secular teaching.
6. A robust and transparent mechanism of examination system catering to internal, university and other external and competitive examinations.
7. State-of-art infrastructural services like ICT classes, CCTV surveillance, laboratories and library.
8. A governance that is decentralized and participatory to strengthen and support the stakeholder relationship.
9. Interdisciplinary and interdepartmental academic and non-academic activities that foster a culture of togetherness amongst students and staff.
10. Hosting FDPs, workshops and conferences for staff enhancement, Guest Lectures and CRT programs from the academia (IIMs, Central and State University, reputed deemed universities) and the industry for student's betterment.
11. Institutionalizing best practices reflecting the vision and mission of the institution.
12. Institute is well recognized for the enhancement of values & ethics, to impart self-discipline and have personal care for students.
13. Institute is ranked 2nd in university sports and NSS activities, listed 8 times as top institute in India Today, 90% placements, 80% results, and full-fledged admissions.

Institutional Weakness

1. Institution is not a Degree Awarding Body, so cannot frame its own curriculum, nor can it introduce additional courses.

2. Having an advantage of being located in the heart of the city, it also comes with the disadvantage of lack of space for playgrounds for sports within the campus.
3. Great demand for Science & Commerce courses incapacitates the institution to admit all eligible students.

Institutional Opportunity

1. Training for competitive examinations and conducting departmental workshops.
2. Enhance academic performance through IQAC.
3. To secure outstanding grading through NAAC accreditation while continuously striving for sustaining and enhancing quality at all levels.
4. To gain the status of autonomy.
5. To introduce a wider range of inter- disciplinary courses and acquire excellence in all.
6. To initiate scholarships from non-govt. schemes.
7. To motivate teachers towards Doctoral Programs and research.
8. To mobilize a greater number of students for socially relevant programs such as blood donation and societal awareness camps.

Institutional Challenge

1. Improving language and communication skills, motivating students to have good technical exposure.
2. Promoting culture and value-based education.
3. Managing students coming from varied cultural backgrounds. Balancing the old Annual System and the new Choice Based Credit System, as the institute handles both.
4. Creation of space within the college premises is a major challenge that the institute has to deal with urgently.
5. Achieving results that commensurate with program and course outcomes.

AVANTHI INSTITUTE OF ENGG. & TECH. * CHERUKUPALLY *

Principal
PRINCIPAL
AVANTHI INSTITUTE OF ENGG. & T.
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M),
Vizianagaram (Dist.)-531162

Career Guidance & Training and Placement Cell (CGTP)

Avanthi Institute of Engineering and Technology (AIET) to provide employment and higher education opportunities to students, we have Career Guidance & Training and Placement cell (CGTP) will be in constant touch with diversified industries across the country to pursue them for placements, internships, Industry Institute Interaction. The main functions of CGP are as follows:

1. Develop and maintain existing and new corporate partners for providing placement opportunities to students.
2. To identify the gaps between Industry and academia and bridging them by taking adequate steps.
3. Train students to cope up with new technological developments prevail in the industry.
4. To perform these actives effectively, we have people work in these offices. The details are given below

Placement Team

To execute the Training and Placement activities effectively, we have a team of faculty members from each department who coordinate with various branch students and placement office. The details are given below:

S. No	Name	Designation	Department
1	Mr. M. Rupu Sundar	TPO	Career Guidance and placement cell
2	Ch. Parvateesam	Member	Senior Technical Trainer
3	N. Rajini	Member	Senior Technical Trainer
4	R. Hemalatha	Member	Senior English Trainer
5	K. Chandra Shekar	Member	Aptitude Trainer
6	Mr. G. Anand	Member	CIVIL
7	Mr. G. Prasanth	Member	EEE
8	Mr. P Anil Kumar	Member	MECH
9	Mr. S. Kesava Rao	Member	CSE
10	Mr. G. V. Santhosh	Member	ECE
11	Mr. T. Srinivas	Member	MBA

The Main Functions of Training and Placement:

1. Acts as a link between Students, Alumni and the Placements Cell.
2. Provides the list of students eligible for placements from time-to-time to the Placements Cell.
3. Keeps close contact with placements Cell on daily basis for information and circulates the same to the concerned students, HoD and others related in the matter.
4. Provides campus placements training attendance statements of students undergoing such training to the placements cell and HoD immediately the next day of the completed training session.
5. Highlights the absentees' names along with roll numbers and provide the same to the placements Cell and HoD.
6. Analyzes students' prefinance in each of the tests conducted as part of Campus placements training from time-to-time and share the same with students, HoD, and placements cell. Keep a record of the same.
7. Provides information with regard to the students going abroad for higher education to the placements cell from time-to-time so that placements cell can update its database that can be shared later with the junior students whenever a need arises.
8. Facilitates in up-gradation of the students' skill sets commensurate with the expectations of the industry.
9. Interacts with students of parent department with regard to any issues and bring the same to the notice of the placements cell in written form.
10. Provides suggestions in improving the functioning of the Placements Cell may also be given in written form to the placements cell.
11. Attends all meetings called by placements cell and conveys the outcomes of such meetings to the concerned students, and HoD.
12. Facilitates printing the material provided for students (testing material, reading material, etc.) by placements cell.
13. Facilitates placements cell in procuring any material that may be of some value addition to the students as suggested by Placements Cell.
14. Contacts alumni of the department and finding the various opportunities that may be available to students for internships, placements, etc. in the organization in which alumni is working.

List of Internal & External training Programs

External Training Programs

1. Avanthi Institute of Engineering and Technology takes utmost priority to up skill the students as per the changing demands of the companies and introduced Full Stack Developer Course. Learning full-stack development will help a student to master a wide set of skills ranging from HTML, CSS, JavaScript, back-end languages (Python, PHP, Ruby), database storage, HTTP, REST, and NPM, along with a good set of Agile project management and soft skills. There is huge scope for accelerated growth as companies resort to this broad skill set that brings in speed and cost-effectiveness for their businesses. Full-stack developers boast of a fast-tracked, multi-dimensional career growth across companies ranging across globally valued end-to-end enterprise solutions and startups.
2. PEGA University Academic Program provides training to selected students from ECE, CSE and EEE branches. After successful completion of this program, students would receive PEGA Certified System Architect (PCSA) and PEGA Certified Senior System Architect (PCSSA) certifications from PEGA Systems. These certifications would enhance the job opportunities to students. This program allows the students to have exponential career growth.
3. CRT program is handled by Face Academy, By Texl, Omega C2C, Igurukul, and Talent Scope Campus Training Institution to impart training on Quant, Verbal, reasoning, and Aptitude concepts to make students prepare for Placement activities.

Internal Training programs

Avanthi college of engineering and technology conducted by in house trainers capable of delivering effective training to students on latest technical skills. These training programs help students to gain technical knowledge on latest technologies to make students industry ready.

Details of Technical Training Program executed by our inhouse trainers:

Topics would be covered:

- Basics of C Programming
- Operators
- Control Statements

- Functions
- Arrays & Pointers
- Strings
- Searching
- Sorting
- analysis of Algorithm
- SQL

Placement trainers

- M. Rupusundara Rao - TPO, Senior Aptitude Trainer
- Ch. Parvateesam - Senior Technical Trainer
- N. Rajini - Senior Technical Trainer
- R. Hemalatha - Senior English Trainer
- K. Chandra Shekar - Aptitude Trainer

In addition to these programs, students practice on various coding platforms such as Hacker Rank. Hacker Earth, Coding chef etc... to enhance their chances of selections in product-based companies with lucrative pay package.

Placement Statistics

2018-2021

Academic Year	Eligible Students	Students Placed	% of Students Placed	No of Companies Visited	Highest CTC (Lakhs)	Avg CTC (Lakhs)
2018-2019	349	282	80.80%	26	4.5	2.5
2019-2020	324	277	85.5%	36	4.5	3.2
2020-2021	301	264	87.7%	39	7	3.4

Year Wise Visited Companies Details

2018-2019 (List of Placement Visited Companies)		
S. No	**Name of the Companies**	**Package in Lakhs**
1	42 GEARS MOBILITY SYSTEMS	1.8
2	AERO DESIGNS TECHNOLOGIES	1.8

3	APPS ASSOCIATE	4.5
4	BUILDMATE	2.5
5	COGNIZANT	3.38
6	EDGE IT	2.4
7	EFFETRONICS LTD	3
8	HOBEL BELLOW	2.4
9	IBEON INFOTECH PRIVATE LIMITED	2.4
10	INFOSYS	3.23
11	INTILEO TECHNOLOGIES	1.88
12	JYTRA	2
13	MARKET ENOMICS DIGITAL	2.24
14	PEOL TECHNOLOGIES	2.12
15	QSPIDERS	2.4
16	RAAM GROUP	1.44
17	RAY BUSINESS	2.4
18	SMART LINK HOLDING LIMITED	1.8
19	SRI RAM PANELS PRIVATE LIMITED,	1.8
20	SURYA TECH SOLUTIONS,	2.2
21	SYNERGIES	2.25
22	SYNTEL	3.4
23	TCS	3.36
24	TECH MAHINDRA	3.25
25	WIPRO	3.5
26	YALAMANCHILI SOFTWARE	1.55
2019-2020 (List of Placement Visited Companies)		
1	A-1 FENCE	2.7
2	ADDURI PVT.LTD	2.16
3	APPS ASSOCIATE	4
4	APTROID	4
5	BIG WORKS	3

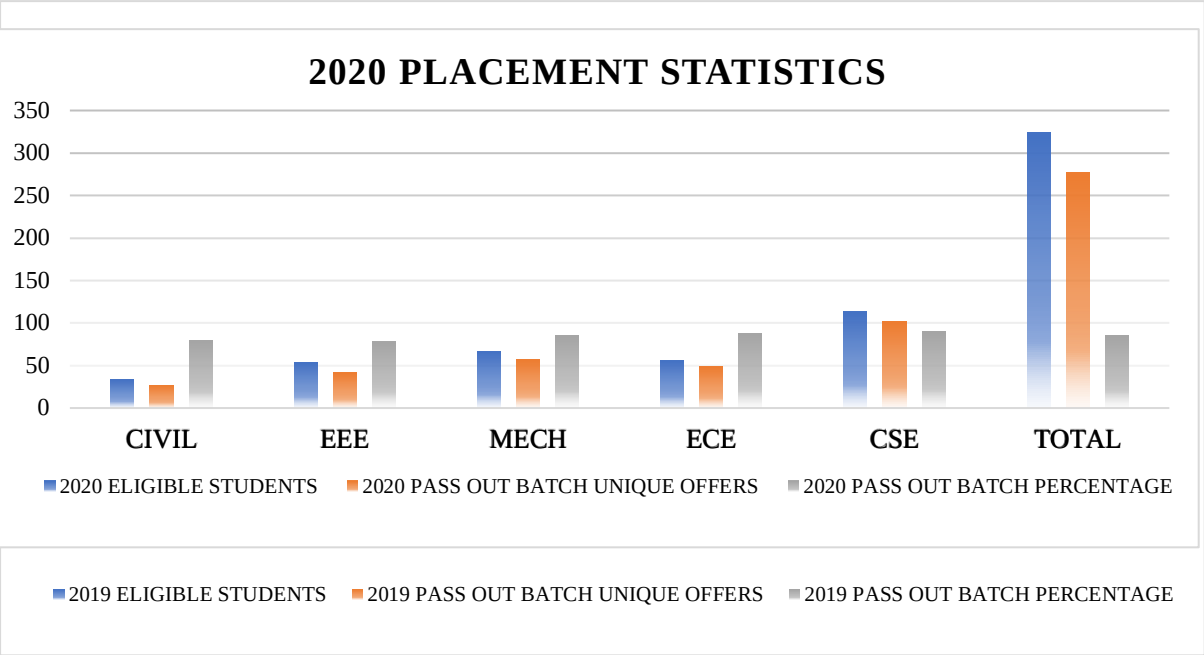
6	CAPEELECTRIC INDIA PVT. LTD	3
7	CODILAR	1.8
8	COGNIZANT	4
9	DHRUV SOFT SERVICES	2
10	EDIKO SYSTEMS INTEGRATORS	2.7
11	EFFTRONICS	4.5
12	GENXLEAD	2.16
13	GLOBAL EDGE	3
14	HOBEL BELLOWS	1.8
15	HYPER FILTERATION PVT. LTD	2
16	INFOSYS	3.8
17	IONICS POWER SOLUTIONS	2.4
18	JUSTDAIL	3
19	JYTRA TECHNOLOGIES	2
20	KI CONEQUIP	2.4
21	KEYENCE INDIA PVT. LTD,	3.5
22	LOTUS WIRELESS TECHNOLOGIES	2.5
23	MADHU GARAGE EQUIPMENT	2.7
24	MIRACLE SOFTWARE SYSTEMS	2.5
25	POORNAM INFOVISION	3
26	PRECISION INFORMATICS	2.5
27	RAY BUSINESS	2.7
28	SUNERA TECHNOLOGIES PVT LTD,	2.4
29	SYMBIOSYS TECHNOLOGIES	1.9
30	SYNERGIES	1.6
31	TCS	3.85
32	TECHMAHINDRA	3.2
33	TERMLEX	2.4
34	UNCEASE AUTOMATION PVT.LYD,	2.4
35	WEST AGILE LABS	3.5

36	WIPRO	3.5
2020-2021 (List of Placement Visited Companies)		
1	ACCENTURE	4.5
2	ALAMANCE IT SOLUTIONS	2.75
3	APTROID	5
4	BRANDIX	2.7
5	BUILDMATE	2.5
6	CADSYS INDIA LIMITED	3.3
7	CAPGEMINI	4
8	COGNIZANT	4.1
9	DELOITTE	7
10	EFFTRONICS	3
11	FIXITY	3
12	FLUENT GRID	3
13	HCL	4.25
14	HOBEL BELLOWS	2.4
15	HP	5
16	IBM	4.25
17	INFOSYS	3.23
18	INTILEO	2
19	IOPEX	4
20	JUSTDAIL	2.6
21	JYTRA TECHNOLOGIES	2.25
22	KIA MOTORS	2.25
23	MAIN TECH	2.5
24	MIND TREE	3.12
25	MOLD-TEK	3.5
26	MOURI TECH	2.5
27	POORNAM INFOVISION	3.73
28	RAAM GROUP	1.8

29	REVATURE	2.7
30	STERLITE TECHNOLOGIES	2.6
31	SYNERGIES	2.25
32	SYNTEL	3.4, 4
33	TCS	3.53
34	TECHMAHINDRA	3.25
35	TURING MINDS	6.2
36	VIRTUSA	4.5
37	WIN WIRE	3
38	WIPRO	3.2
39	YALAMANCHILI SOLUTIONS	2.1

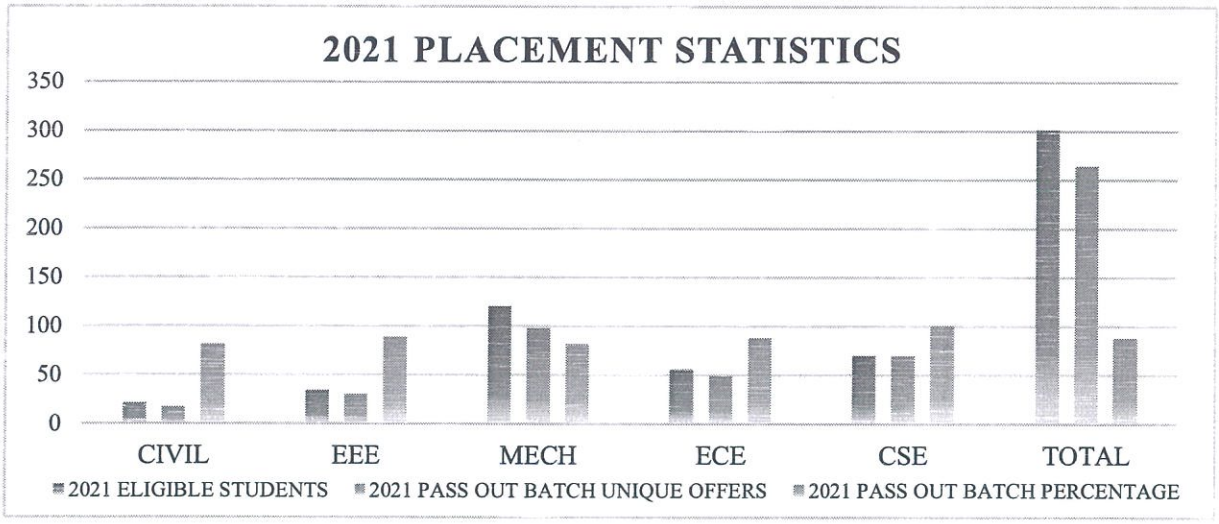
Department Wise Placement Data

2019 Pass out Batch			
Branch	**Eligible students**	**Unique offers**	**Percentage**
CIVIL	40	34	85
EEE	39	30	76.92
MECH	105	93	88.57
ECE	57	55	96.49
CSE	108	70	64.81
TOTAL	349	282	80.8



2020 Pass out Batch			
Branch	**Eligible students**	**Unique offers**	**Percentage**
CIVIL	34	27	79.41
EEE	54	42	77.77
MECH	67	57	85.05
ECE	56	49	87.5
CSE	113	102	90.26
TOTAL	324	277	85.49

2021 Pass out Batch			
Branch	**Eligible students**	**Unique offers**	**Percentage**
CIVIL	21	17	80.95
EEE	34	30	88.23
MECH	120	98	81.66
ECE	56	49	87.5
CSE	70	70	100
TOTAL	301	264	87.7



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AVANTHI INSTITUTE OF ENGG. & TECH
Cherukupally (V), Chittivalasa (SAO)
Bhogapuram (M),
Vizianagaram (Dist.)-531162