



AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai | Recognised under UGC section 2F,
Accredited by NAAC with 'A' Grade | Accredited by NBA (CSE, ECE, EEE, MECH)
Anna University recognized Research Centre (CSE, MECH) | An TUV ISO 21001:2018 Certified Institution
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Kamarajar Educational Road, Sivakasi – Virudhunagar, Amathur – 626 005

10th ANNUAL DAY REPORT

“The function of education is to teach one to think intensively and to think critically. Intelligence plus character that is the goal of education” - Martin Luther King

It is work with a purpose that gives life, dignity and meaning. It is duty with dedication and devotion that gives fulfilment and execution of endeavours. With ‘growth’ as the ‘goal’, our institution has been well brought up for the past 11 years.

I deem it a privilege to welcome everyone gathered here. I would like to render my gratitude to you all for responding our invitation and adorning this occasion. I feel immense pleasure to present the Annual Day Report of the academic year, 2023-24. Achieving excellence is at the heart of endeavor of all educators and academic institutions. An important measure of this pursuit is how the institution has performed in third party assessments. Earlier the National Assessment and Accreditation Council (NAAC) ranked us with a grade of A (3.15 on a 4point scale) for a period of 5years from 23.02.2021. We are marvelled at the fact that we are the youngest college to achieve NAAC 'A' grade which utters of AACET's quality and infrastructure provided to the students. We also achieved the Education Institution's Standard Certification ISO210012018 by TUVNORD on May 30th, 2022 which is given based on the quality education and the other facilities rendered to the students. It's another feather on our cap as we are the very first college in Tamilnadu to receive this certification. At this juncture, I wish to record the visit of NBA Peer team to our college during 15th, 16th & 17th November 2024 to evaluate our academic endeavours of the Civil department and with brimming pride, I inform before the august audience that CSE, ECE, EEE & Mech departments of our institution have been already accredited by NBA. With the fingers crossed, we are hopefully waiting for Civil department NBA accreditation. I am equally pleased to take stalk of our achievements and glories on this occasion in the form of the Annual Report of the college.

To begin with, let me brief you about the inception of this college. It was instituted in the year 2013 and has honed and finely tuned a learning and life-skilling



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system that has been benchmarked across the region for past eleven years. It was promoted by the Vinayaga – Sony Group of Industries. The College functions under Dr. P. Karvannan as the Secretary, Dr. P. Ganesanas the Correspondent and Dr. K. Vignesh Kumar as the Joint Secretary and furthermore upheld by Panjurajan - Amaravathy trustees.

AAA College of Engineering and Technology commenced the academic year 2023-24 with 1,222 students in the branches such as, Civil, CSE, ECE, EEE, Mech and the newly introduced branches, AI & DS, Cybersecurity & IT.

Our college with a landscape of 44 acres and 36,500 square meters comprises magnificent buildings, workshops, laboratories and gardens. The laboratories and workshops are well equipped with all the requirements as per the Anna University and AICTE norms. There are 17 computer labs, with 644 systems above the statutory requirement. All buildings including hostels are connected via a Wi-Fi network. The Campus has 200Mbps high-speed Internet connection with Wi-Fi enabled and is fully networked with LAN support.

The college runs with 106 faculty members and out of which 42 faculty members hold Ph.D degrees, 4 have submitted their thesis and 21 are pursuing their Ph.D degrees. The average experience of a faculty member in our institution is 10 years.

597 students have been benefitted by the government sanctioned Backward Class and Most Backward Class Welfare Scholarship worth Rs. 24,75,825/- and 139 students have benefitted by the Scheduled Caste and Scheduled Tribe Scholarship worth Rs. 69,50,000/-. 540 students have benefitted by the first graduate Scholarship worth Rs. 1,38,27,500/-. PanjurajanAmaravathy Trust has given Merit Scholarship for 975 students up to Rs. 1,52,38,400/-.

Considering the faculty experience and research potential, the department of Computer Science and Engineering has applied to Anna University for the grant of the Center for Research in the areas of Computer Science Engineering. After the inspection undertaken by Anna University, we got the approval on the month of December, 2023.



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Earlier, Mechanical Engineering department got the approval in the month of December, 2022 from Anna University as Center for Research. This approval helps the departments to guide Ph.D students and carry out several research activities in the college campus. The college is recognised under UGC section- 2f , as a qualified one to get financial assistance from UGC. We are in the 21st place among the top engineering colleges of Tamilnadu. We hold more than 80 university rankholders. We grant 100% placements to our students. We signed more than 50 MoUs with the renowned concerns. Thus in accordance with the great vision of our college, to implement quality education and research, we are pursuing our expedition successfully. In addition to that, the institution started working towards National Institutional Ranking Framework (NIRF) ranking. After having this NIRF ranking, the institution can compete with the institutions across the nation in all aspects. In order to achieve this, the institution is taking efforts in recruiting more number of Ph.D candidates in all departments.

Our institution established a centre for Industrial Internet of Things (IIoT) in association with Riyaasa labs in the year 2018 with an installation cost of Rs. 9 lakhs and it is set up with the higher end computers, advanced embedded controllers, sensors & actuators, interfacing devices and network interfaces. Hands-on training, workshops and certificate courses on Internet of Things are regularly conducted to facilitate the students to be more employable. Throughout the year, courses are opened to all branches of students.

AAACET guides in gearing up the students to meet the needs of the industry. I am glad to inform you that all the departments have established their Professional Chapters – CSI, FACEAT, ISHRAE, IETE, SAE-INDIA and the department associations and clubs such as, NSS & Rotaract Club, Fine Arts & Literary Club, Unnat Bharat Abhiyan, Entrepreneurship Development Cell, Alumni Association, Youth Empowerment Program, Women Empowerment Cell, Eco Nature Club, Careme Health etc. are student centric and are conducting symposiums, workshops, competitions, Invited guest lectures by eminent academicians and industrialists and several training programmes.



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BOSCH Center for CAR, Center of Industrial Internet of Things, REDHAT Academy, Texas Instruments Lab, Centre of Excellence for Youth Empowerment & Centre of Excellence in Project Management offer training programmes for students in the emerging areas of engineering.

AAACET was approved by the Ministry of Micro, Small & Medium Enterprises as the Technology Business Incubation Center/ Host Institutions (HI) in the year of 2024. In this scheme, Government of India is providing an opportunity to the innovators in nurturing their new innovative ideas for the production of innovative products which can be sent into the market for commercialization. Financial support up to Rs. 15,00,000 will be provided to the Host Institute for nurturing an idea. Centre of Excellence in Project Management was inaugurated on 20th March 2024. The centre conducts courses for students on planning and scheduling of projects using Primavera Software. Centre of Excellence for Youth Empowerment conducts many CSR activities and through Atos Prayas Foundation, Microsoft Power BI Data Analyst course is conducted for the students.

In order to meet the needs of the industry and to facilitate the students to face interviews with confidence, the college recurrently organizes placement training programs, including pre-placement talks, written tests on aptitude and verbal, mock interviews, group discussions, personality development, stress management, time management, life skills, entrepreneurial skills and so on. Specific placement training related MoUs with the esteemed training institutes like, KodNest Technologies, WiseTech Source Pvt. Ltd, Firstnaukri Assessment, ICTACT Academy, Bosch Limited, Bigleap Solutions etc. are made and the students are trained and made to take tests. The consistent high placement record illustrates the commitment towards bringing up competent technologists to the world. The efforts resulted in core placements in companies like Google, IBM, L & T, Cognizant, ZOHO, TCS, Infosys, Wipro, ANB Systems, Renault Nissan Technology and Business Center India, HCL, Accenture, DXC Technology, Mphasis, Econstruct, Centizen, Infinity, Webberax, ZF, Perfect Detailing



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Steel Services Private Limited, Justdial, Qantler etc. Our students got placed in big companies like Google which provide an annual package of 12 lakhs.

Since AAACET values cultural diversity and idealize momentous historical events, various national and international festivals are celebrated to fetch integrity among the students and the staff. Throughout the academic year, the institution celebrates a varied range of national and international festivals such as Pongal, Christmas, Diwali, Ayudhapooja, Saraswathipooja, Vinayagar Chadhurthi celebration etc., and rejoices important commemorative days such as National Technology day, World IP day, Women's day, National Science day, Republic day, Independence day, Engineer's day, Energy Conservation day, National Pollution Control day, Constitution day, Voters day, National day of unity, Teacher's Day etc., to cultivate inclusivity, uphold wakefulness, and hearten vigorous participation among them.

The teacher's job is to help children change for better. The process of teaching is a cooperative endeavor. I wish to take this opportunity to express my sincere thanks to all my staff members with whose teamwork we have been able to carry out all programmes and academic activities. I would also like to express my grateful thanks to our Management, our Secretary, Correspondent, Joint Secretary and trust members who always support us in all aspects and the parent community and students whose whole-hearted cooperation has enabled us to complete all our tasks lucratively. I wish to conclude my Annual Report with a small quote:

“If you are planning for a year, sow rice; if you are planning for a decade, plant trees; if you are planning for a lifetime, educate people.”

Thank you one and all.



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RESEARCH PUBLICATIONS IN SCI AND SCOPUS JOURNALS

S. No.	Academic Year	Number of SCI Publication	Number of Scopus Publication
1.	2023- 2024	21	19
2.	2022-2023	22	10
3.	2021-2022	16	3
4.	2020-2021	12	13
5.	2019-2020	12	7
6.	2018-2019	9	3

FACULTY ACHIEVEMENTS:

S. No.	Professional Development / Event	Department	No. of Faculty
1.	Award of Incentives for Faculty	CIVIL	1
		CSE	1
		ECE	7
		EEE	4
		MECH	8
		S&H	4
2.	Patent Publication	CIVIL	6
		CSE	6
		ECE	1
		EEE	1
2.	Faculty Members Pursuing Ph.D.,	CIVIL	1
		CSE	4
		ECE	3
		EEE	5
		MECH	3
		S&H	2
3.	Book Published by Faculty	ECE	4
		EEE	3
		CSE	3
		S&H	4
4.	Faculty Produced 100% Result	CSE	12
		ECE	1
		EEE	1
		MECH	2



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		S&H	2
5.	Certificate Courses Completed by Faculty	Civil	4
		CSE	2
		EEE	3
		MECH	1
		S&H	1
6.	Papers Published in Journals	CIVIL	1
		CSE	21
		ECE	6
		EEE	5
		MECH	13
		S & H	7
7.	Papers Presented / Published in Conferences and Seminars	CSE	6
		EEE	13
		MECH	2
		S&H	1
8.	Guest Lecture / Workshop Delivered Faculty	ECE	8
		EEE	4
		MECH	9
		S&H	2
9.	Certificate Courses Conducted	CIVIL	11
		CSE	2
		ECE	3
		EEE	7
		MECH	2
		S&H	1
10.	Workshop/ Seminar/ FDP attended by the faculty	CIVIL	61
		CSE	65
		ECE	41
		EEE	43
		MECH	38
		S&H	17
11	Faculty Awards	CIVIL	1
		ECE	1
		EEE	1



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		MECH	1
		S&H	1

KNOWLEDGE DELIVERY AT DEPARTMENTS:

S.No.	Departments	No. of programmes
1.	CIVIL	5
2.	CSE	26
3.	ECE	13
4.	EEE	5
5.	MECH	5
6.	S&H	4

INDUSTRIAL VISIT BY THE STUDENTS

S.No.	Department	Name of the Industries Visited
1.	Civil	Ramco Cement Factory, Keezhadi Historical Museum, A L Rahuman Construction, Kodaikanal
2.	CSE	Inzsoft technologies, Kattapana, kerala
3.	ECE	Vikram Sarabhai Space Centre, Tiruvanathapuram; Masco Tea Factory, Vagamon; Madurai Airport.
4.	EEE	Kerala Electrical and Allied Engineering Co., Cochin; Anna Aluminium Company Pvt.Ltd., Cochin; Solar Power plant, Kurunaikulam, Aruppukottai; Venus Home Appliances, Tuticorin; Apollo electrical Services, Madanadar Kudiyeruppu, Tirunelveli; Anaamalais Toyota Car Showroom, Amathur.
5.	MECH	SNP Dairy, Madurai; United Agri Tech 2023- Agriculture Exhibition, Madurai; Kerala Electrical and Allied Engineering Co., Cochin; Anna Aluminium Company Pvt.Ltd., Cochin; Ruby Food Products Pvt.Ltd., Madurai; JB Hydraulics, Madurai; The Kaka Indian Foundry, Sivakasi; Devendran Plastics Pvt.Ltd., Sivakasi; Patwari Bakers Pvt.Ltd., Madurai; SIDCO Industrial Estate, Kappalur, Madurai; Industrial Estate, K.Pudur, Madurai.
6.	S&H	Vaigai dam, Theni



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STUDENTS' ACHIEVEMENTS

S.No	Professional Development /Event	Department	Number of Students
1.	Achievements in co-curricular activities	CIVIL	47
		CSE	32
		ECE	27
		EEE	39
		MECH	4
		S&H	49
2.	GPA scored above 9 in AU exam	CIVIL	2
		CSE	27
		ECE	1
		EEE	2
3.	Paper Publications in Journal	CSE	24
4.	Achievements in sports activities	Civil	1
		CSE	1
		EEE	14
		Mech	7
		S&H	28
5.	Workshop/ In-Plant Training/Seminar/conference /webinar/ Quiz	Civil	44
		CSE	33
		ECE	25
		EEE	14
		Mech	72
		S&H	223
6.	100% Attendance	Civil	1
		CSE	2
		ECE	12
7.	Internship Undergone by Students	CIVIL	5
		CSE	49
		ECE	53
		EEE	1
		MECH	136



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PLACEMENT RECORD- 2023-2024

S.No.	Name of the Company	Salary Package	No. of Students Placed
1.	Turing OpenAI	6	1
2.	Zoho Corp, Chennai	5.6	2
3.	OneYes InfoTech Solutions	5	2
4.	Renault Nissan (Pooled @FXEC, TVL)	4.75	2
5.	Centizen	3.6	9
6.	ANB Systems, Chennai	3.5	1
7.	E - Construct, Bangalore	3.5	1
8.	MCoreta, Bangalore	3	2
9.	Flipkart, Chennai	3	1
10.	Palle Technologies, Bangalore	3	9
11.	Dhvani Research (Pooled @Mepco)	3	1
12.	ViryaSys Technologies	3	2
13.	Webberax	2.65	9
14.	RiDH, Chennai (Pooled @AAACET)	2.46	6
15.	Numentica, Coimbatore	2.4	2
16.	Rialto Enterprises, Chennai	2.4	27
17.	MMC InfoTech Services Pvt. Ltd.	2.4	24
18.	Zencorp Techno Solutions, Coimbatore	2.2	4
19.	ZF Commercial Vehicle Control System of India	2.16	4
20.	RP Solar	2.16	1
21.	Timken Engineering Pvt. Ltd.	2.16	9
22.	Neolync Telecommunication	2.04	16
23.	Sundaram Fasteners Pvt Ltd	2.04	33
24.	India Japan Lighting	2	1
25.	Super Auto Forge	1.96	5
26.	Perfect Detailing Steels Pvt.	1.82	3



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	Ltd		
27.	Penguin Apparels Pvt Ltd	1.8	16
28.	Hofincons International	1.8	7
29.	Pranion Tech, Chennai	1.6	1
30.	SparkTech, Tirunelveli	1.6	1

S. No.	Department	Total Strength	Placed Students	Higher Studies	Entrepreneur	Placement Percentage
1.	CIVIL	32	32	0	0	100
2.	CSE	55	55	0	0	100
3.	ECE	41	41	0	0	100
4.	EEE	33	33	0	0	100
5.	MECH	48	47	0	1	100

FUTURE PLANS:

- Autonomous Status from Ministry of Education
- Undergo NAAC cycle 2 accreditation
- NBA compliance
- Receive NIRF Ranking
- Establishment of Incubation Center
- Anna University recognized research centres for EEE, ECE & Civil
- Introduce new PG programmes
- Receive research funding from agencies
- Holding more than 75% of Ph.D holders as teaching faculty
- Infrastructure augmentation