

MANDATORY DISCLOSURE

(2021-2022)

I. NAME AND ADDRESS OF THE INSTITUTION:

Name	ARASU ENGINEERING COLLEGE		
Address	Chennai Main Road		
Village	Thiruvizalanllur		
Taluk	Thiruvudaimarudur		
District	Thanjavur		
Pin Code	612 501		
State	Tamil Nadu		
STD Code	0435	Phone No. 2777 777 – 82	
Fax No.	2777 780	E-Mail: arasuengg@aec.org.in & arasuengg@gmail.com	
Web site	www.aec.org.in		
Nearest Rly Station	Kumbakonam	Distance in Kms (towards) : 10	
Nearest Airport	Tiruchirappalli	Distance in Kms (towards) : 95	
AICTE PID: 1- 1-3930101		AICTE EOA 2021-22 Application No. 1-9318320489	

II. NAME AND ADDRESS OF THE PRINCIPAL:

Name	Dr. T. Balamurugan				
Address					
Designation	Principal	Qualification	Highest Degree	Specialization	Total Experience
			Ph. D.	Mechanical Engineering	25
STD Code	0435	Phone No. (O) 2777 777	Fax No.	2777 780	
STD Code	0435	Phone No. (R)	Fax No.	--	
E-Mail	principal@aec.org.in	Mobile No.	7667443333 / 9443681418		

III. NAME OF THE AFFILIATING UNIVERSITY

ANNA UNIVERSITY
CHENNAI – 600 025, TAMIL NADU
Website : www.annauniv.edu

IV. GOVERNANCE:

Members of the Board and their brief background:

Brief details regarding background of the Trust, Governing body members, etc.

“Sri Thirunavukkarasu Dhanalakshmi Educational & Charitable Trust” is essentially a family Trust consisting of a Managing Trustee cum Chairman and four other members as given below:

- | | | | |
|----|-----------------------------|---|-----------|
| 1. | Mr. T. Senthilkumar, B.Sc., | - | Chairman |
| 2. | Mrs. S. Swarnalatha, B.Sc., | - | Secretary |
| 3. | Mr. S. Aravind, B.E., | - | Trustee |
| 4. | Mrs. S. Preethi | - | Trustee |
| 5. | Ms. S. Deepthi | - | Trustee |

➤ Members of Academic Advisory Body:

1. Dr. T. Balamurugan, Principal
2. Prof. S. Kothandapani, Advisor
3. Dr. Kalaimani Shanmugam, HOD, CSE and Vice Principal
4. Dr. M. Rukmangathan, Dean, Academic
5. Dr. C. Venkatesan, HOD, EEE
6. Dr. S. Saju, HOD, ECE
7. Dr. S. Sundaraselvan, HOD, Mechanical
8. Mrs. T. Mohanasankari, HOD, Civil
9. Mr. R.G. Padmanaban, HOD, Automobile

➤ Frequency of the Board Meetings and Academic Advisory Body:

The Board of Meeting meets once in a semester and the academic advisory body meets once in a month to discuss about the performance and further improvement in the academic affairs.

➤ **Organization Chart & Process:**

Please refer over college website: <http://aec.org.in/organization-structure/>

➤ **Nature and extent of involvement of faculty and students in academic affairs/improvements:**

- Lesson plan has been prepared according to the syllabus so that it paves way to complete the syllabus within the scheduled time.
- Unit-wise notes were submitted well in advance, so that the staff concerned is more confident in handling the classes and clearing the doubts raised by the students.
- Regular staff meeting with principal is arranged once in a month to discuss the syllabus completion, innovations, ideas, etc.
- Steps have been taken to improve the students performance:
- Recent developments in the subject concerned are down loaded from internet and displayed regularly to the students.
- Simulation of important concepts and ideas are also displayed to the students.
- Student counseling, tutorial, special classes are conducted regularly.
- Class tests, model exams are conducted systematically.
- The performance report of the students in tests, exams are sent regularly to the parents.
- Symposia, special guest lectures, association seminars are organized regularly.

- Parents meeting is organized to appraise the parents about their wards regarding their studies.
- Students are taken to various industries once in a semester in the related subject to improve their practical knowledge.
- Students are encouraged and motivated to take part in seminars and paper presentations.

➤ **Mechanism / Norms and procedure for democratic / good governance:**

Absent without prior permission is not permitted. Leave forms should be submitted to the principal through their respective counseling teachers in person. Strict disciplinary action will be taken in case of unauthorized absence and violation of rules.

Ragging in any form is prohibited in the college. Those students who indulge in ragging will be expelled from the college immediately.

Students should attend the college decently dressed. During special occasions and practical classes students should wear prescribed uniform.

Like such norms and procedures are followed in order to maintain good governance in the college.

➤ **Student Feed Back on Institutional Governance / Faculty Performance:**

The following points are observed:

- Good response from staff members and students.
- Better coverage of entire syllabus within the scheduled time.
- Better understanding of the theory subjects and practical classes.
- Better communication between staff and students.
- Strong improvement in the teaching skill of the staff members.
- Noted improvement in the learning skill of the students.

➤ **Grievance redressal mechanism for faculty, staff and students:**

- ❖ Discipline Committee is constituted to avoid the ragging and indiscipline activities in the campus.
- ❖ Women Welfare Associate is constituted for the benefit of girl students and lady faculties.
- ❖ Suggestion boxes are provided in each block to receive comments / feedback / suggestions from the students and staff.

V. PROGRAMMES OFFERED:

➤ **Name of the programmes approved by the AICTE :**

Sl. No.	Degree	Programme(s)	Year of First Approval
1.	B.E.	Computer Science Engineering	2001
2.	B.E.	Electronics and Communication Engineering	2001
3.	B.E.	Electrical and Electronics Engineering	2002
4.	B.E.	Mechanical Engineering	2004
5.	B.E.	Civil Engineering	2007
6.	B.E.	Automobile Engineering	2014
7.	B.E.	Agriculture Engineering	2019
8.	B.E.	Biomedical Engineering	2019
9.	M.E.	Computer Science and Engineering	2012
10.	M.E.	VLSI Design	2012
11.	M.E.	Power Electronics and Drives	2013
12.	M.E.	Thermal Engineering	2019

➤ **Name of the programmes accredited by the NBA :**

Sl. No.	Degree	Programme(s)
1.	B.E.	Electrical and Electronics Engineering
2.	B.E.	Mechanical Engineering

➤ **Name of the approved programmes and Sanctioned Intake for academic year 2021-22:**

Sl. No.	Course	Name of the Programme	Approved Intake	Duration (Full Time)
1	B.E.	Computer Science and Engineering	96	4 years
2	B.E.	Electronics and Communication Engineering.	60	
3	B.E.	Electrical and Electronics Engineering	48	
4	B.E.	Mechanical Engineering	96	
5	B.E.	Civil Engineering	30	
9	B.E.	Automobile Engineering	30	
7	B.E.	Agriculture Engineering	60	
8	B.E.	Biomedical Engineering	60	
9	M.E.	Computer Science and Engineering	14	2 years
10	M.E.	VLSI Design	14	
11	M.E.	Power Electronics and Drives	14	
12	M.E.	Thermal Engineering	18	

➤ **Placement Facilities:**

Training and Placement Cell is functioning with a Placement Officer in the cadre of Professor, Senior Staff members from each department are coordinating the Training and Placement activities for the sole benefit of our students by providing placement, career guidance, In plant training in the various industries for all programmes.

The following companies participated in Campus interview arranged in collaboration with CUIC, Anna University, Chennai.

1. Infosys Technologies Limited
2. Wipro Technologies Limited
3. Cognizant Technology Solutions
4. Tata Consultancy Services
5. Satyam Computer Services Limited
6. Zte Telecom Company India Private Limited
7. HCL Technologies Limited
8. Caritor India Private Limited.
9. Tech Mahindra
10. Karur Viysa Bank Ltd.
11. DXT Technologies
12. Axis Global Automation Group
13. Airtel
14. IDBI
15. Power Tech Enterprises
16. Yes Bee Constructions Pvt. Ltd.
17. Indo Shell Automotive
18. Windcare Media
19. Industech Automation
20. CMS IT

VI. FACULTY

Faculty Position for the existing programme(s) (Programme-wise) for the academic year 2021-2022.

UG COURSES:

Name of the Programme (UG)	Total Sanctioned Intake	Total number of Faculty required as per norms	Total number of faculty Permanent & Approved by University	Staff Student Ratio
B.E. – Agriculture Engineering	120 (II & III Year)	8	8	1:15
B.E. – Automobile Engineering	156 (II, III & IV Year)	10	10	
B.E. – Biomedical Engineering	120 (II & III Year)	8	8	
B.E. – Computer Science and Engineering	312 (II, III & IV Year)	21	21	
B.E. – Electrical and Electronics Engineering	156 (II, III & IV Year)	10	10	
B.E. – Electronics and Communication Engineering	240 (II, III & IV Year)	16	16	
B.E. – Mechanical Engineering	312 (II, III & IV Year)	21	21	
B.E. – CIVIL	156 (II, III & IV Year)	10	10	
Humanities	480 (First Year)	32	32	
Social Sciences				

PG COURSES:

Name of the Programme (UG)	Total Sanctioned Intake	Total number of Faculty required as per norms	Total number of faculty Permanent & Approved by University	Staff Student Ratio
M.E. – Computer Science and Engineering	28 (I & II Year)	2	2	1:15
M.E. – VLSI Design	28 (I & II Year)	2	2	
M.E. – Power Electronics and Drives	28 (I & II Year)	2	2	
M.E. – Thermal Engineering	36 (I & II Year)	3	3	

VII. (i) Profile of the Principal with Qualification Total Experience, Age and duration of the employment at the institute concerned:

Name : **Dr. T. Balamurugan**

Date of Birth : 26.08.1973

Present Position : Principal

Academic Qualification:

Sr. No.	Diploma / Degree	Discipline	Year of Pass	College / Institute	Class
1.	Ph. D	Four Stroke Diesel Engine using Blended Fuels	2015	Anna University, Chennai	Highly Recommended
2.	M.E.	Refrigeration and Air Conditioning	2001	Coimbatore Institute of Tech.	First
3.	B.E.	Mechanical	1996	Sri Angalamman College of Engineering & Technology.	First

Teaching Experience:

Sr. No.	Name of the Post	Employer	Period of Employment		Experience	
			From	To	Years	Months
1.	Lecturer	Erode Sengunthar Engineering College	19.08.1996	31.12.1997	1	4
2.	Senior Lecturer	Erode Sengunthar Engineering College	27.02.2001	22.06.2007	6	4
4.	Assistant Professor	College of Marine Science & Tech., Eritrea	15.10.2007	23.06.2009	6	0
5.	Assistant Professor	Arasu Engineering College	24.06.2009	02.06.2013	4	0
6.	Associate Professor	Arasu Engineering College	03.06.2013	31.05.2015	2	0
7.	Professor	Arasu Engineering College	01.06.2015	Till date	5	6

VII. (ii) PROFILE OF FACULTY:

Department-wise faculty details available in the college website.

VIII. COLLEGE FEE DETAILS:

➤ **Details of fee, as approved by the State Fee Committee, for the institution:**

Sl. No.	Description	Amount Rs.
1.	Tuition Fee UG Courses	Government Quota Admission: Rs.50,000/- per year Rs.55,000/- NBA accredited courses (Management Quota Admission: Rs.85,000/- per year Rs.87,000/- NBA accredited courses
2.	Tuition Fee PG Courses	Rs.25,000/- per semester

➤ **Time Schedule for payment of fee for the entire programme:**

- a) Fee will be collected at the time of admission from first year and Lateral Entry II year (fresh) candidates.
- b) Fee will be collected before commencement of class work during the academic year (ODD semester) from senior (2, 3 & 4 year) students.

- Number of scholarship offered by the institute, duration and amount:

Sl. No.	Name of the Scholarship	2018-19		2019-20		2020-21	
		No. of students benefited	Amount Rs.	No. of students benefited	Amount Rs.	No. of students benefited	Amount Rs.
1.	Backward Class Welfare Scholarship	552	2139300	452	2062975	422	1839950
2.	Adi Dravidar Welfare Scholarship	170	1118375	158	1003500	187	1024700
3.	Minority Welfare Scholarship	-	-	2	50000	2	50000

- Criteria for fee waivers/scholarship:
Fee Waivers : Financially weak
- Scholarship:
Parent's Annual income limit is Rs.2,50,000/- for BC/MBC/DNC.
Parents' Annual income limit is Rs.2,50,000/- for SC/ST.
- Estimated cost of Boarding and Lodging in Hostels:
Admission Fee : Rs.100/-
Room Rent, Electricity Charges : Rs.12,000/- per year
Mess Bill : Rs.38000/- per year

POST MATRIC SCHOLARSHIP DETAILS : (COURSE FEE FREE)

2018-19		2019-20		2020-2021	
No. of students benefited	Amount Rs.	No. of students benefited	Amount Rs.	No. of students benefited	Amount Rs.
170	11085000	158	10250000	187	11090000

FIRST GRADUATE DETAILS : (COURSE FEE CONCESSION)

2018-19		2019-20		2020-21	
No. of students benefited	Amount Rs.	No. of students benefited	Amount Rs.	No. of students benefited	Amount Rs.
499	11235000	460	11172500	435	11270000

IX. Admission**❖ Number of seats sanctioned with the year of approval:**

Sl. No.	Name of the Course	Year of Approval	Sanctioned Intake		
			2019-20	2020-21	2021-22
1.	B.E. – Computer Science & Engineering	2001	96	96	96
2.	B.E. – Electronics & Communication Engineering.	2001	60	60	60
3.	B.E. – Electrical and Electronics Engineering.	2002	48	48	48
4.	B.E. – Mechanical Engineering	2005	96	96	96
5.	B.E. – Civil Engineering	2007	48	48	30
6.	B.E. – Automobile Engineering	2014	48	48	30
7.	B.E. – Agriculture Engineering	2019	60	60	60
8.	B.E. Biomedical Engineering	2019	60	60	60
9.	M.E. - Computer Science & Engineering	2012	14	14	14
10.	M.E. – VLSI Design	2012	14	14	14
11.	M.E. – Power Electronics & Drives	2013	14	14	14
12.	M.E. – Thermal Engineering	2019	18	18	18

IX. ADMISSION:

❖ **Number of applications received during last two years for admission under Management Quota and number admitted:**

- Based on the Consortium for Management Quota Admissions.

X. ADMISSION PROCEDURE:

NAME AND ADDRESS OF THE TEST AGENCY AND ITS URL:

(i) **For Government Quota (SWS):**

As per the DOTE for allotment of **Government Quota** Candidates for First year B.E. / B. Tech Programmes.

Directorate of Technical Education (DOTE), Chenani – 600 025.

Website : <https://www.tneonline.org/>

(ii) **For Management Quota:**

Consortium of Self-Financing Professional, Arts & Science Colleges, receive the applications from the candidates for **Management Quota** and admission made on the basis of ranking.

NAME : TNSFCONSORTIUM

ADDRESS : Consortium of Self-Financing Professional, Arts and Science Colleges in Tamil Nadu, No. AF57, 11th Main Road, Anna Nagar West, Chennai - 600040, Tamil Nadu. Tel.:044-48647444

URL : www.tnsfconsortium.org

X. (ii) Number of seats allotted to different qualified candidates separately [AIEEE/CET (State conducted test/University tests) / Association conducted test]

- As per Anna University / State Government norms

X. (iii) Calendar For Admission Against Management/Vacant Seats:

- As per the Government Norms.

XI. CRITERIA AND WEIGHTAGES FOR ADMISSION:

- ❖ Describe each criteria with its respective weightages i.e. Admission test, marks in qualifying examination etc.

The minimum marks prescribed in the HSC or equivalent examinations as per Government norms.

Minimum qualification: HSC (+2) - Mathematics + Physics + Chemistry = 300

- ❖ Mention the minimum level of acceptance if any.

COMMUNITY	MINIMUM MARKS
OC	45%
BC	40%
MBC	40%
SC/ST	40%

- ❖ Mention the cut-off levels of percentage and percentile scores of the candidates in the admissions:

Cut-off Marks 2020

Branch	Category						
	OC	BC	BCM	MBC	SC	SCA	ST
AGRI	86.5	81.5		80	80	80.5	
AUTO	100.5						
BIOMED	98.5	84.5	80	81	82.5		
CIVIL	80						
CSE	93.5	80	80.5	84	80		
ECE	80.5				80		
EEE	80						
MECH	80						

XII. APPLICATION FORM:

Downloadable application form and prospectus available in our College website:

www.aec.org.in

XIII. LIST OF APPLICANTS:

- ❖ List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats.

XIV. Results of Admissions Under Management Seats/Vacant Seats:

- ❖ Composition of selection team for admission under Management Quota with the brief profiles of members:

➤ Members of the Governing body, Principal, Department HODs.

**XV. Information On Infrastructure And Other Resources Available:
LIBRARY:**

❖ **Number of library books/Titles/Journals available (programme-wise):**

Sl. No	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	B.E. – Computer Science & Engg.	1016	3499	07	07
2	B.E. – Electronics & Commn. Engg.	528	2049	07	08
3	B.E. – Electrical and Electronics Engg.	450	1844	07	08
4	B.E. – Mechanical Engineering	544	1863	07	07
5	B.E. – Civil Engineering	316	1893	08	07
6	B.E. – Automobile Engineering	319	1473	07	07
7	B.E. – Agriculture Engineering	221	1458	07	07
8	B.E. Biomedical Engineering	316	1471	07	07
9	M.E. - Computer Science & Engineering	996	3299	06	06
10	M.E. – VLSI Design	313	1464	06	06
11	M.E. – Power Electronics & Drives	313	1452	06	06
12	M.E. – Thermal Engineering	311	1462	06	06
13	General Engg. and Science & Humanities	1563	3467	00	00
Grand Total		7206	26694	81	82

❖ **LIST OF INTERNATIONAL ONLINE JOURNALS SUBSCRIBED:**

S. No.	Name of the Journals
1.	IEEE / ECS Electrochemical and Solid State Letters
2.	IEEE / OSA Journal of Display Technology
3.	IEEE / OSA Journal of Light wave Technology
4.	IEEE / TMS Journal of Electronic Materials
5.	IEEE / Annals of the History of Computing Magazine
6.	IEEE / Communications Magazine
7.	IEEE Computational Intelligence Magazine
8.	IEEE Control Systems Magazine
9.	IEEE Electrical Insulation Magazine
10.	IEEE Electron Device Letters
11.	IEEE Geosciences and Remote Sensing Letters
12.	IEEE Industrial Electronics Magazine
13.	IEEE Industrial Applications Magazine
14.	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing
15.	IEEE Nanotechnology
16.	IEEE Product Safety Engineering
17.	IEEE Robotics and Automation Magazine
18.	IEEE Sensors Journal

❖ E-Library facilities : Available (DELNET, NPTEL, JGATE)

LABORATORY:

- ❖ List of Major Equipments/Facilities:

As per the Anna University norms required equipments are available for all the Laboratories.

COMPUTING FACILITIES:

S. No	Particulars	Requirements as per Norms (1:6 all Undergraduate Programme)		Availability
1.	No of Computer terminals	365		410
2.	Hardware Specification	I5 Processor		Available
3.	No of terminals of LAN/ WAN	50% of no. of terminals		300
4.	Relevant Legal Software	Application 20 Nos.	System 3 numbers	Available
				Available
5.	Peripheral(s)/ Printers	38		40
6.	Internet Accessibility	As per Norms		100 mbps, Wireless Broad bandwidth

WORKSHOP:

- **List of Facilities Available:**

- **Games & Sports Facilities:**

Indoor Games	Outdoor Games
<ul style="list-style-type: none"> • Table Tennis • Chess • Carom 	<ul style="list-style-type: none"> • Volley Ball • Boot Ball • Basket Ball • Cricket • Ball badminton • Shot put • Javelin • Discus • Tennikoit

➤ **Extra Curricular Activities:**

SOFT SKILL DEVELOPMENT FACILITIES:

Personality Development:

The aim of the Placement & training cell is to offered training to the final year students, on various software skills, personality development and career guidance. The Placement cell guides the students in performing mini projects and final year projects.

The placement cell arranged the seminar for the benefit of final year students.

The following companies participate in campus interviews, arranged in collaboration with CUIC, Anna University Chennai.

1. Infosys Technologies Limited
2. Wipro Technologies limited
3. Cognizant Technology Solutions
4. Tata Consultancy Services
5. Satyam Computer Limited
6. ZTE Telecom company India Private Limited
7. HCL Technologies Limited
8. Caritor India Private Limited
9. Sutherland Global Services
10. Allsec Technologies Ltd.

WORKSHOP:

➤ **Facilities Available with Area of Each:**

S.No	Particulars	No of Rooms	Area of Each
1.	Class Room	46	88 m ²
2.	Tutorial Room	20	88 m ²
3.	Drawing Hall	2	208 m ²
4.	Seminar Hall	5	166 m ²
5.	Meeting Hall	2	296 m ²
6.	Library-Reading	1	296 m ²
	Library-Reference	1	88 m ²
	Library-Dailies	1	30 m ²
7.	Training & Placement	1	54 m ²
8.	Auditorium	1	366 m ²
9.	Physical Education	1	44 m ²
10.	NSS / NCC / YRC	3	120 m ²
11.	Ladies & Boys Rest Room	2	88 m ²
12.	Staff Room (Agri, Auto, Biomedical Civil, CSE, ECE, EEE, & Mech)	8	250 m ²
13.	Staff Room (Maths, English, Physics, Chemistry)	4	60 m ²
14.	Office	1	175 m ²

S.No	Particulars	No of Rooms	Area of Each
15.	Principal, Advisor, Reception, Chairman	1	166 m ²
16.	Hostel (Boys & Girls)	2	1214 m ²
17.	Generator Room	1	28 m ²
18.	Power Room	1	25 m ²
19.	Canteen	1	210 m ²
20.	Smart Class Room	8	560 m ²
21.	Toilet	25	188 m ²
	Ground Floor I, II, III Floor	19	244 m ²
22.	Exam Cell	1	44 m ²
23.	Strong Room	1	44 m ²
24.	Laboratories & Workshops	11 & 2	250 m ² / 900 m ²
25.	Computer Centre	2	176 m ²

Teaching Learning Process:

- **Curriculum & Syllabi for Each of the program:**

As per the Anna University Regulations refer Anna University Website:
www.annauniv.edu

- **Academic Calendar of the University:**

Session of the Academic year 2021-2022:

- ❖ **As per the Anna University Academic schedule**

➤ **Academic Time Table :**

DAY ORDER	1 09.15 to 09.55	2 09.55 To 10.45	10.45 To 11.00	3 11.00 To 11.50	4 11.50 To 12.40	12.40 to 01.30	5 01.30 To 02.20	6 02.20 To 03.10	7 03.10 to 03.20	03.20 To 04.10	8 04.10 To 05.00
I			TEA BREAK			L U N C H				TEA BREAK	
II											
III											
IV											
V											
VI											

➤ **Teaching Work Load For Each Faculty:**

Designation	Hours / weeks	
	Theory	Practical
Professor	4/6	--
Assistant Professor	5/6	--
Lecturer	5/6	4/8

➤ **Internal Continuous Evaluation System and place:**

- The student's internal assessment marks are awarded on the basis of internal assessment tests and model examination marks.
- For detailed test and model examination schedule -Refer Exam cell.
- For students mark list – Refer All departments

➤ **Student's Assessment of Faculty:**

The Feedback about the faculty is collected from the students twice a semester.

The concerned Head of the Department is responsible for collecting the feedbacks and the status of the faculty is informed to the Principal.

❖ **Post Graduate Programme give the following:**

Title of the programme : **M.E. Computer Science and Engineering**

S. No.	Name	Designation
1	Mrs. R. Kalaiselvi	Assistant Professor
2	Mrs. B. Dhivya	Assistant Professor

Title of the programme : **M.E. VLSI Design**

S. No.	Name	Designation
1	Mrs. P. Sivakamasundari	Assistant Professor
2	Mr. A. Sriram	Assistant Professor

Title of the programme : **M.E. Power Electronics an Drives**

S. No.	Name	Designation
1	Mr. S. Chandrasekaran	Assistant Professor
2	Mrs. M. Saranya	Assistant Professor

Title of the programme : **M.E. Thermal Engineering**

S. No.	Name	Designation
1	Mr. S. Sundaraselvan	Assistant Professor
2	Mr. C. Kaviyarasu	Assistant Professor
3.	Mr. R. Sureshkumar	Assistant Professor
