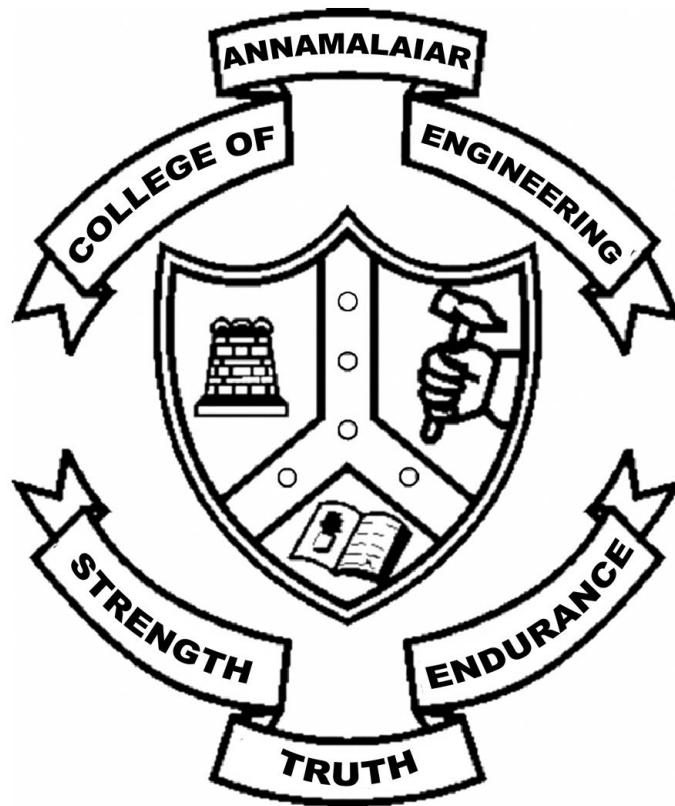


ANNAMALAIAR COLLEGE OF ENGINEERING



MANDATORY DISCLOSURE

SUBMITTED IN ACADEMIC YEAR 2021 -22

ENGINEERING

(UNDER GRADUATE)

MODAIYUR, TIRUVANNAMALAI D.T- 606 902

Phone: 04173-247344

Fax: 04173-247344

E-mail: annamalaiarcoe@gmail.com

Mandatory Disclosures

The following information shall be given in the information Brochure besides being hosted on the Institution's official Website.

The onus of the authenticity of the information lies with the Institution ONLY and not on AICTE.

1. Name of the Institution

Address including Telephone, Mobile, E-Mail

| | | |
|----------------------------|---|------------------------------------|
| Name of the Institution | : | ANNAMALAIAR COLLEGE OF ENGINEERING |
| Address of the Institution | : | Chetpet to Polur Road, Modaiyur |
| City & Pin code | : | Modaiyur-606902 |
| State | : | Tamilnadu |
| Phone Number with STD code | : | 04173 – 247344 |
| Mobile | : | 9962513652 |
| Fax Number with STD code | : | 04173 – 247344 |
| Email | : | annamalaiarcoe@gmail.com |
| Website | : | www.annamalaiarengg.com |

2. Name and address of the Trust/ Society/ Company and the Trustees

Address including Telephone, Mobile, E-Mail

| | | |
|----------------------------|---|---|
| Name of the Trust | : | Sri Venkateswara Educational Medical and Charitable |
| Address of the Trust | : | Register No: 1708, Chetpet to Polur Road, Modaiyur, Tiruvannamaliai D.T |
| City & Pin code | : | Modaiyur-606902 |
| State | : | Tamilnadu |
| Phone Number with STD code | : | 04173 – 247344 |
| Mobile | : | 9962513652 |
| Fax Number with STD code | : | 04173 – 247344 |
| Email | : | annamalaiarcoe@gmail.com |
| Website | : | www.annamalaiarengg.com |

3. **Name and Address of the Vice Chancellor/ Principal/ Director**

Address including Telephone, Mobile, E-Mail

| | | |
|----------------------------|---|---|
| Name of the Principal | : | Dr.R.KANNAN |
| Address | : | F4 Subham Enclave, Visalatchi Nagar, Kancheepuram |
| City & Pin code | : | Kancheepuram-631 502 |
| State | : | Tamilnadu |
| Phone Number with STD code | : | 04173 – 247344 |
| Mobile | : | 9962513652 |
| Fax Number with STD code | : | 04173 – 247344 |
| Email | : | annamalaiarcoe@gmail.com |
| Website | : | www.annamalaiarengg.com |

4. **Name of the affiliating University:** Anna University, Chennai

5. **Governance**

Members of the Board and their brief background

| Sl. No. | Category | Name of the Person with Address | Status |
|---------|------------------------------|--|---|
| 1 | Management Representatives | Mr. S.R.Shanmugam | Founder Chairman, Sri Venkateswara Educational Medical and Charitable Trust |
| | | Mr. A. Sasikumar | Vice-Chairman, Sri Venkateswara Educational Medical and Charitable Trust |
| | | Mr.C.Jeevagan | Secretary, Sri Venkateswara Educational Medical and Charitable Trust |
| | | Mrs.K.Saritha | Treasurer, Sri Venkateswara Educational Medical and Charitable Trust |
| 2 | Educationist / Industrialist | Mr. N.K.Dinesh kumar Founder and CEO Perfect Tool & Die Makers | Industry Nominee |
| | | Mr. K.Mahadevan Director Saratha Stamping Solution | |

| | | | |
|---|--------------------------|-------------|------------------------------|
| 3 | Principal of the College | Dr.R.Kannan | Ex-Officio, Member Secretary |
|---|--------------------------|-------------|------------------------------|

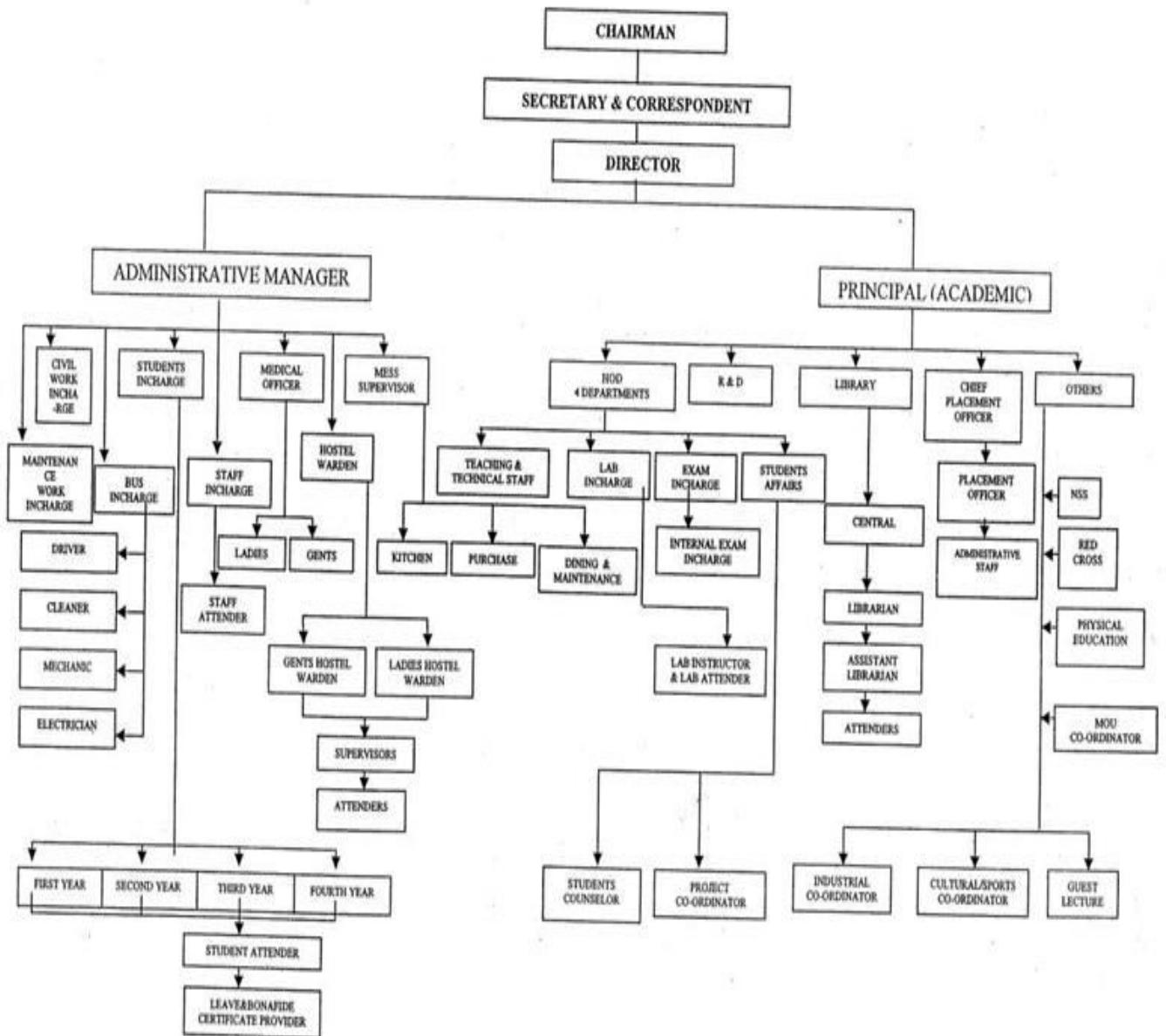
Members of Academic Advisory Body

| Sl. No. | Category | Name of the Person with Address | Status |
|---------|--|---|---------------------|
| 1 | Principal of the College | Dr. R. Kannan | Chairman |
| 2 | All the Heads of Department in the college | Mr.R.Sasikumar – Civil Engineering Mr.M.Karthikeyan - Computer Science and Engineering Mr.R.Srinivasan – Electrical and Electronics Engineering Mr.K.Cholan – Electronics and Communication Engineering Mr.M.Jayaomprakash- Placement & Mechanical Engineering Mr.M.Sridhar – Science and Humanities Engineering | Member |
| 3 | Senior Teachers | Dr.R.Kannan Professor,Department of Electrical and Electronics Engineering | Member |
| | | Mr.Arunachalam Professor,Department of Civil Engineering | Member |
| | | Mr.O.E.Perumal Professor,Department of Civil Engineering | Member |
| 4 | Experts from industry / R & D labs / Technical Education | Mr. K.Mahadevan Director Saratha Stamping Solution | Industry Nominee |
| | | Mr. N.K.Dinesh kumar Founder and CEO Perfect Tool & Die Makers | Engineering Nominee |
| 5 | A faculty member, nominated by the Principal | Mr.R.Srinivasan Associate Professor / EEE Annamalaiar College of Engineering Modaiyur. | Member Secretary |

Frequently of the Board Meeting and Academic Advisory Body

| | |
|---------------------------|--------------------------|
| Council/Board | Frequency of Meeting |
| Governing Council | Once in every six months |
| Academic Advisory Council | Once in every six months |

Organizational chart and processes :



Nature and Extent of involvement of Faculty and students in academic affairs/ improvements

- Experienced faculty members are retained to ensure effective teaching.
- Encourage the staff members to attend FDP, workshops and seminars to enrich their skills.
- Use of ICT tools enriches the learning experience of the students inside and outside the classroom.
- Student participation in co-curricular activities and presentation of their papers in symposiums and conferences are encouraged.
- Through several preparations, including Group Discussions and Mock Interviews, students are enabled to present themselves in campus interviews.
- Conduct special classes for slow learners for lab and theory classes. Counseling is extended for slow learners.

Mechanism/ Norms and Procedure for democratic/ good Governance

- Progressive and dynamic management ensures full autonomy for conduct of all academic and other activities.
- College promotes the culture of participative management.
- The day-to-day activities are monitored by a team consisting of Principal, Vice- Principal (Academics), Dean-Academics, Dean-Research, Deputy Director and Director General.
- Heads of Departments are empowered to take decisions relating to academics and other student issues.
- To ensure efficiency and effectiveness, a number of administrative, academic, co-curricular, and general bodies have been constituted with their duties and responsibilities stipulated.
- There are Administrative Bodies-Governing Council, Planning and Monitoring Board and Functional Committees like Hostel Committee, Library Committee, Examination Cell, Disciplinary Committee, Anti-Ragging Committee, Industry Institute Interaction Cell,

Entrepreneur Development Cell, Management Information Systems etc. The delegation of powers at all levels is clearly defined and strictly followed.

- Regular HODs meetings, functional committee meetings and department meetings are held to discuss and take decisions on important matters.
- Faculty are encouraged to improve their qualifications by enrolling for doctorate degree, participate in FDPs, FTTPs, SDPs, Conferences, Seminars and Workshops.
- Periodic monitoring is carried out by academic, general and ISO audits to check the implementation of all systems and procedures.
- A transparent Faculty Appraisal system is done to notify the faculty on their strong points and areas that need consolidation.

Student Feedback on Institutional Governance/ Faculty performance

The effectiveness of faculty members in content delivery and assessment are evaluated by students through the online feedback system twice a semester. The parameter to which the feedback is provided is as follows:

- Organization of the subject matter in a logical sequence
- Faculty coming to the class on time and engaging regularly
- Preparation made by the faculty on the subject
- Faculty's ability to maintain discipline in the class
- Assistance and Counseling offered by the faculty to the needy students
- Faculty's appreciation and feedback on the students' performance
- Ability to take class audibly and clearly
- Usage of various methods and materials like OHP, Presentation to take class
- Ability to write and draw legibly
- Teacher's ability to explain the concepts well and provide adequate examples
- Ability of the faculty to give instructions to the students according to their understanding
- Fair and impartial valuation of the answer papers
- Regular conduction of assignments, tests and return the answer papers on time
- Various feedback such as course feedback, course exit feedback etc., are also collected and necessary corrective measures are incorporated for improvement.

Grievance Redressal mechanism for Faculty, staff and students

| S.No | Members | Designation | Position |
|------|--------------------|---------------------------|-------------|
| 1 | Dr.R.Kannan | Professor, EEE | Coordinator |
| 2 | Mr.K.Cholan | Associate Professor/ECE | Member |
| 3 | Mr.M.Jayaomprakash | Associate Professor/MECH | Member |
| 4 | Mr.R.Srinivasan | Associate Professor/EEE | Member |
| 5 | Mr.M.Karthikeyan | Associate Professor/CSE | Member |
| 6 | Mr.R.Sasikumar | Associate Professor/Civil | Member |
| 7 | Mrs.M.Chithira | Assistant Professor/S & H | Member |
| 8 | Mr.V.Gowtham | III YEAR / ECE | Member |

Establishment of Anti Ragging Committee

| S.No | Representation | Position | Name | Designation |
|------|-------------------|----------|-------------------|---|
| 1 | HOI | Chairman | Dr.R.Kannan | Principal |
| 2 | Police Department | Member | Mr.Govidasamy | Inspector of Police, Polur Police Station |
| 3 | Local Media | Member | Mr.Chandru | Dhinamani Reporter, Arni |
| 4 | NGO | Member | Mr.Nagarajan | Health Inspector, Kommanandhal. |
| 5 | Senior Faculty | Member | Dr.R.Kannan | Professor, EEE |
| | | Member | Mr.Arunachalam | Professor, CIVIL |
| | | Member | Mr.O.E.Perumal | Professor, CIVIL |
| 6 | Supporting Staff | Member | Mr.R.Ashok kumar | Admin Office |
| | | Member | Mrs.R.Nithiladevi | Asst. Manager |
| 7 | Parents | Member | Mr.K.Venkatesan | 38, Sivaraj Nagar, Vasur Post, Polur T.K-606803 |
| | | Member | Mr.A.Palani | 23/C, Arunachalam Street, Polur-606803. |
| | | Member | Mr.M.Vinyagam | 191/116, Gangaianman Koil Street, Enthuvambadi viilage - 606903 |
| 8 | Freshers | Member | N.Jayasankar | I EEE |
| | | Member | R.Harish | I CSE |
| 9 | Senior Students | Member | R.Preethi | II EEE |
| | | Member | V.Gowtham | III ECE |
| | | Member | V.Parthiban | III EEE |
| | | Member | A.Arulpandiyan | IV CSE |

Establishment of Online Grievance Redressal Mechanism

Online Grievance Redressal Mechanism is provided in the college website

www.annamalaiarengg.com

Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University - NA

Establishment of Internal Complaint Committee (ICC)

Internal Complaints and Women Empowerment Committee

| S.No | Members | Designation | Position |
|-------------|--------------------|----------------------------|-----------------|
| 1 | Mrs.R.Poovarasi | Assistant Professor, ECE | Coordinator |
| 2 | Ms.N.Malathipriya | Assistant Professor, Civil | Member |
| 3 | Mrs.S.Malathi | Assistant Professor, Civil | Member |
| 4 | Mrs.S.Kayasandigai | Assistant Professor, CSE | Member |
| 5 | Mrs.N.Soniya | Assistant Professor, CSE | Member |
| 6 | Mrs.M.R.Ramya | Assistant Professor, EEE | Member |
| 7 | Mrs.J.Nandhini | Assistant Professor, EEE | Member |

Establishment of Committee for SC/ ST

| S.No | Members | Designation | Position |
|-------------|--------------------|--------------------------|-----------------|
| 1 | Mr.R.Srinivasan | Associate Professor/EEE | Convener |
| 2 | Mr.K.Cholan | Associate Professor/ECE | Member |
| 3 | Mr.M.Jayaomprakash | Associate Professor/MECH | Member |
| 4 | Mr.S.Thirumurugan | Associate Professor/EEE | Member |
| 5 | Mr.K.Durai | Associate Professor/MECH | Member |
| 6 | Mrs.R.Poovarasi | Associate Professor/ECE | Member |

Internal Quality Assurance Cell

| S.No | Members | Designation | Position |
|------|--------------------|---|----------------------------------|
| 1 | D.R.Kannan | Principal | Chair Person |
| 2 | C.Jeevagan | Dean Academics | Senior Administrative Officer |
| 3 | Mr.M.Jayaomprakash | Associate Professor/MECH | Faculty member |
| 4 | Mr.R.Srinivasan | Associate Professor/EEE | Faculty member |
| 5 | Mr.M.Karthikeyan | Associate Professor/CSE | Faculty member |
| 6 | V.Ramarajan | B.E. (2015) | Alumni |
| 7 | AArulpandiyan | IV Year B.E. CSE | Student Representative |
| 8 | A.Rajarajan | Founder & Chief Consultant West Mambalam, Chennai- 600033 | Industrialist |
| 9 | Mr.K.Cholan | Associate Professor/ECE | Senior Teacher as Coordinator |

6. Programmes

Name of Programmes approved by AICTE

UG Programmes

- B.E. (Civil Engineering)
- B.E. (Computer Science and Engineering)
- B.E. (Electronics & Communication Engineering)
- B.E. (Electrical and Electronics Engineering)
- B.E. (Mechanical Engineering)

UG Programmes

| Name | | CIVIL | CSE | EEE | ECE | MECH |
|---|-----------|-------------|-------------|-------------|-------------|-------------|
| Number of Seats | | 60 | 60 | 60 | 30 | 120 |
| Duration | | 4 Years | 4 Years | 4 Years | 4 Years | 4 Years |
| Cut-off marks-during the last three years | 2021-2022 | 40/100 | 40/100 | 40/100 | 40/100 | 41/100 |
| | 2020-2021 | 40/100 | 40/100 | 40/100 | 40/100 | 40/100 |
| | 2019-2020 | 40/100 | 40/100 | 40/100 | 40/100 | 40/100 |
| Fee | | Rs 50000 pa | Rs 50000 pa | Rs 50000 pa | Rs 50000 pa | Rs 50000 pa |

Placement Facilities :Placement Record

| No of Students Placed | 2018-19 | 2019-20 | 2020-21 |
|-----------------------|---------|---------|---------|
| UG | 104 | 65 | 54 |

| Year | Maximum Salary | Minimum Salary | Average Salary |
|---------|----------------|-----------------|-----------------|
| 2018-19 | Rs 8 Lakhs pa | Rs 2.0 Lakhs pa | Rs 3.4 Lakhs pa |
| 2019-20 | Rs 6 Lakhs pa | Rs 2.0 Lakhs pa | Rs 2.7 Lakhs pa |
| 2020-21 | Rs 6 Lakhs pa | Rs 2.0 Lakhs pa | Rs 2.7 Lakhs pa |

Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details: NA

- Faculty
- Branch wise list Faculty members:

DEPARTMENT OF CIVIL ENGINEERING

| S.NO | Name | Qualification | Designation |
|------|-------------------|---------------|---------------------|
| 1 | Mr.R.KARTHI | M.E., | Associate Professor |
| 2 | Mr.S NARASIMHAN | M.TECH., | Associate Professor |
| 3 | Mrs.S.MALATHI | M.E., | Assistant Professor |
| 4 | Ms.T.SAVITHRA | M.E., | Assistant Professor |
| 5 | Mr.N.SELVAKUMAR | M.E., | Assistant Professor |
| 6 | Mrs.K.VANISHREE | M.E., | Assistant Professor |
| 7 | Mrs.P.SANGEETHA | M.E., | Assistant Professor |
| 8 | Ms.N.MALATHIPRIYA | M.E., | Assistant Professor |
| 9 | Mr.KRISHNAMOORTHY | M.E., | Assistant Professor |

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

| S.NO | Name | Qualification | Designation |
|------|--------------------|---------------|---------------------|
| 1 | Mr.M.KARTHIKEYAN | M.E., | Associate Professor |
| 2 | Mr.R.BALAJI | M.E., | Associate Professor |
| 3 | Mr.E.BABU | M.E., | Assistant Professor |
| 4 | Mrs.N.SONIYA | M.E., | Assistant Professor |
| 5 | Mr.C.PRABAKARAN | M.E., | Assistant Professor |
| 6 | Mrs.S.SARASWATHI | M.E., | Assistant Professor |
| 7 | Ms.S.JAMUNA DEVI | M.E., | Assistant Professor |
| 8 | Mr.G.ARAVINDAN | M.E., | Assistant Professor |
| 9 | Mrs.S.KAYASANDIGAI | M.E., | Assistant Professor |

DEPARTMENT OF ELECTRICAL AND ELECTONICS ENGINEERING

| S.NO | Name | Qualification | Designation |
|------|---------------------|---------------|-----------------------|
| 1 | Dr.R.KANNAN | M.E.,Ph.D., | Principal & Professor |
| 2 | Mr.R.SRINIVASAN | M.TECH., | Associate Professor |
| 3 | Mr.S.THIRUMURUGAN | M.E., | Associate Professor |
| 4 | Mr.V.R.GANESH | M.E., | Assistant Professor |
| 5 | Mrs.M.R.RAMYA | M.E., | Assistant Professor |
| 6 | Mrs.J.NANDHINI | M.E., | Assistant Professor |
| 7 | Mr.R.GOPALAKRISHNAN | M.E., | Assistant Professor |
| 8 | Mrs.A.EZHILARASI | M.E., | Assistant Professor |
| 9 | Mrs.K.ABINAYA | M.E., | Assistant Professor |

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

| S.NO | Name | Qualification | Designation |
|-------------|----------------------|----------------------|---------------------|
| 1 | Mr.K.CHOLAN | M.TECH., | Associate Professor |
| 2 | Mr.D.MADHANRAJ | M.E., | Associate Professor |
| 3 | Mrs.R.POOVARASI | M.E., | Assistant Professor |
| 4 | Mrs.M.KAMALAKANNI | M.E., | Assistant Professor |
| 5 | Ms.G.RAJPRITHA | M.E., | Assistant Professor |
| 6 | Mrs.B.BAKKIYALAKSHMI | M.E., | Assistant Professor |
| 7 | Mrs.M.DEVI | M.E., | Assistant Professor |
| 8 | Mrs.R.PRABAVATHI | M.E., | Assistant Professor |
| 9 | Mrs.S.REVATHI | M.E., | Assistant Professor |

DEPARTMENT OF MECHANICAL ENGINEERING

| S.NO | Name | Qualification | Designation |
|-------------|-------------------|----------------------|---------------------|
| 1 | Mr.M.JAYAOMRAKASH | M.TECH., | Associate Professor |
| 2 | Mr.K.LOGANATHAN | M.E., | Associate Professor |
| 3 | Mr.N.IYANARAPPAN | M.E., | Associate Professor |
| 4 | Mr.R.SASIKUMAR | M.E., | Assistant Professor |
| 5 | Mr.K.DURAI | M.E., | Assistant Professor |
| 6 | Mr.E.KARTHIKEYAN | M.E., | Assistant Professor |
| 7 | Mr.S.KRISHNAN | M.E., | Assistant Professor |
| 8 | Mr.S.SUNDAR | M.E., | Assistant Professor |
| 9 | Mr.S.SANITHRAJ | M.E., | Assistant Professor |
| 10 | Mr.J.KARTHIKEYAN | M.E., | Assistant Professor |
| 11 | Mr.P.NARESHKUMAR | M.E., | Assistant Professor |
| 12 | Mr.D.YOGAANAND | M.E., | Assistant Professor |
| 13 | Mr.V.KUMARAN | M.E., | Assistant Professor |
| 14 | Mr.J.B.SATHISHRAJ | M.E., | Assistant Professor |
| 15 | Mr.C.PRAVEENKUMAR | M.E., | Assistant Professor |
| 16 | Mr.D.DEVARAJAN | M.TECH., | Assistant Professor |
| 17 | Mr.ARUNAGIRI | M.E., | Assistant Professor |
| 18 | Mr.JAYAPRAKASH | M.E., | Assistant Professor |

DEPARTMENT OF S & H

| S.NO | Name | Qualification | Designation |
|------|---------------------|----------------|---------------------|
| 1 | Mr.V.VENKATESAN | M.Sc.,M.Phil., | Associate Professor |
| 2 | Mr.G.KANNADASAN | M.Sc.,M.Phil., | Associate Professor |
| 3 | Mrs.L.UMA | M.Sc.,M.Phil., | Associate Professor |
| 4 | Mr.D.PRAKASH | M.Sc.,M.Phil., | Assistant Professor |
| 5 | Mr.M.SARAVANAN | M.Sc.,M.Phil., | Assistant Professor |
| 6 | Mrs.M.CHITHIRA | M.Sc.,M.Phil., | Assistant Professor |
| 7 | Mr.C.VENKATESAN | M.Sc.,M.Phil., | Assistant Professor |
| 8 | Mr.K.SILAMBARASAN | M.Sc.,M.Phil., | Assistant Professor |
| 9 | Mr.R.RAJADURAI | M.Sc.,M.Phil., | Assistant Professor |
| 10 | Mr.D.SARATHKUMAR | M.Sc.,M.Phil., | Assistant Professor |
| 11 | Mrs.M.KANCHANA | M.Sc.,M.Phil., | Assistant Professor |
| 12 | Mr.T.GNANASEKAR | M.A.,M.Phil., | Assistant Professor |
| 13 | Mr.D.SATHIYAMOORTHY | M.A.,M.Phil., | Assistant Professor |
| 14 | Mr.C.MANIKANDAN | M.A.,M.Phil., | Assistant Professor |
| 15 | Mr.R.ASHOKKUMAR | M.Sc.,M.Phil., | Assistant Professor |
| 16 | Mrs.S.SANGEETHA | M.Sc.,M.Phil., | Assistant Professor |
| 17 | Mr.Ravi | M.Sc.,M.Phil., | Assistant Professor |

- Permanent Faculty
- Adjunct Faculty
- Permanent Faculty: Student Ratio
- Number of Faculty employed and left during the last three years

| Department | | CIVIL | CSE | EEE | ECE | MECH | S & H |
|---|------------------|-------|-----|-----|-----|------|-------|
| Permanent Faculty | | 9 | 9 | 9 | 9 | 18 | 17 |
| Adjunct Faculty | | NIL | NIL | NIL | NIL | NIL | NIL |
| Number of faculty employed during last 3 years | 2021-2022 | 9 | 9 | 9 | 9 | 18 | 17 |
| | 2020-2021 | 9 | 9 | 9 | 9 | 18 | 17 |
| | 2019-2020 | 9 | 9 | 9 | 9 | 18 | 18 |
| Number of faculty left during last 3 years | 2021-2022 | 0 | 0 | 0 | 0 | 1 | 2 |
| | 2020-2021 | 2 | 1 | 1 | 1 | 3 | 3 |
| | 2019-2020 | 1 | 0 | 1 | 0 | 1 | 2 |

Principal Profile

Department of Civil Engineering

Department of Computer Science and Engineering

Department of Electrical and Electronics Engineering

Department of Electronics and Communication Engineering

Department of Mechanical Engineering

Department of Science and Humanities

Fee

Details of Fee, as approved by state Fee Committee, for the Institution

Time schedule for payment of Fee for the entire Programme – May to July

No. of Fee waivers granted with amount and name of students

Fee waivers Details under Government Scheme: NIL

Number of scholarship offered by the Institution, duration and amount

| S.NO | SCHEME | NO. OF STUDENTS | TOTAL AMOUNT IN RS |
|-------------|-------------------------|------------------------|---------------------------|
| 1 | UG/PG SC/ST SCHOLARSHIP | 180 | 9105000.00 |
| 2 | BC/MBC SCHOLARSHIP | 205 | 1291250.00 |
| 3 | FG-SCHOLARSHIP | 147 | 3675000.00 |
| 4 | NSP SCHOLARSHIP | -- | -- |

Estimated cost of Boarding and Lodging in Hostels

Hostel Rent : Rs.15,000 per annum

Mess fee : Rs. 30,000 per annum

Admission

Number of seats sanctioned with the year of approval

ACADEMIC YEAR (2021-2022)

| S.NO | Branch Name | No f Seats Sanctioned with the year of approval | No of Students admitted under various Categories |
|------|---|---|--|
| 1 | Civil Engineering | 60 | 45 |
| 2 | Computer Science and Engineering | 60 | 22 |
| 3 | Electrical and Electronics Engineering | 60 | 35 |
| 4 | Electronics and Communication Engineering | 30 | 19 |
| 5 | Mechanical Engineering | 120 | 53 |

Admission Procedure

Criteria and Weightages for Admission

Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

Mention the minimum Level of acceptance, if any

Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years

Display marks scored in Test etc. and in aggregate for all candidates who were admitted

Information of Infrastructure and Other Resources Available

Number of Class Rooms & Tutorial rooms and size of each size of each

| Sl.No | Name of the Block | Number of Rooms |
|-------|-------------------|-----------------|
| 1 | MAIN BLOCK | 40 |
| 2 | NEW BLOCK | 48 |

Number of Laboratories and size of each

| S.No | Degree & course | Laboratory/workshop/studio | Area of the laboratory available (sq.m.) |
|-------------|---------------------------------------|---|---|
| 1 | B.E.-Civil Engineering | Surveying Laboratory | 66 |
| 2 | B.E.-Civil Engineering | Construction Materials Laboratory | 66 |
| 3 | B.E.-Civil Engineering | Interpersonal skills/Listening and Speaking | 66 |
| 4 | B.E.-Civil Engineering | Strength Of Materials Laboratory | 66 |
| 5 | B.E.-Civil Engineering | Hydraulic Engineering Laboratory | 66 |
| 6 | B.E.-Civil Engineering | Advanced Reading and Writing | 66 |
| 7 | B.E.-Civil Engineering | Water and Waste Water Analysis Laboratory | 66 |
| 8 | B.E.-Civil Engineering | Soil Mechanics Laboratory | 66 |
| 9 | B.E.-Civil Engineering | Survey Camp (2 weeks during semester) | 66 |
| 10 | B.E.-Civil Engineering | Highway Engineering Laboratory | 66 |
| 11 | B.E.-Civil Engineering | Irrigation and Environmental Engineering Drawing Laboratory | 66 |
| 12 | B.E.-Civil Engineering | Professional Communication | 66 |
| 13 | B.E.-Civil Engineering | Creative and Innovative Project(Activity Based-Subject Related) | 66 |
| 14 | B.E.-Civil Engineering | Industrial Training(4 weeks during VI semester-summer) | 66 |
| 15 | B.E.-Mechanical Engineering | Manufacturing Technology Lab-I | 66 |
| 16 | B.E.-Mechanical Engineering | Manufacturing Technology Lab-II | 66 |
| 17 | B.E.-Mechanical Engineering | Metrology and Measurements Lab | 66 |
| 18 | B.E.-Mechanical Engineering | Dynamics Lab | 66 |
| 19 | B.E.-Mechanical Engineering | Thermal Engineering Laboratory-I | 66 |
| 20 | B.E.-Mechanical Engineering | Thermal Engineering Laboratory-II | 66 |
| 21 | B.E.-Mechanical Engineering | CAD/CAM Lab | 66 |
| 22 | B.E.-Mechanical Engineering | Mechatronics Laboratory | 66 |
| 23 | B.E.-Computer Science and Engineering | OOAD Lab | 66 |
| 24 | B.E.-Computer Science and Engineering | CNS Lab | 66 |
| 25 | B.E.-Computer Science and Engineering | Project Lab | 66 |
| 26 | B.E.-Computer Science and | Python Lab (I-Year Lab) | 66 |

| | | | |
|----|--|--|----|
| | Engineering | | |
| 27 | B.E.-Electronics and Communication Engineering | Electronics Lab - I | 66 |
| 28 | B.E.-Electronics and Communication Engineering | Electronic Circuit Lab-II | 66 |
| 29 | B.E.-Electronics and Communication Engineering | Micro Processor Lab | 66 |
| 30 | B.E.-Electronics and Communication Engineering | VLSI Design Lab | 66 |
| 31 | B.E.-Electronics and Communication Engineering | Communication System Lab | 66 |
| 32 | B.E.-Electronics and Communication Engineering | Optical and Microwave Lab | 66 |
| 33 | B.E.-Electronics and Communication Engineering | Digital Signal Processing Lab | 66 |
| 34 | B.E.-Electrical and Electronics Engineering | Electrical Machines I | 66 |
| 35 | B.E.-Electrical and Electronics Engineering | Power Electronics and Drives Lab | 66 |
| 36 | B.E.-Electrical and Electronics Engineering | Power System Simulation Lab | 66 |
| 37 | B.E.-Electrical and Electronics Engineering | Electrical Machines II | 66 |
| 38 | B.E.-Electrical and Electronics Engineering | Control and Instrumentation Lab | 66 |
| 39 | B.E.-Electrical and Electronics Engineering | Electronics Laboratory | 66 |
| 40 | B.E.-Electrical and Electronics Engineering | Engineering Physics & Chemistry Laboratory | 66 |

Number of Drawing Halls with capacity of each

| Degree | Area of the each drawing hall required (sq.m.) | Area of the drawing hall available (sq.m.) |
|--------|--|--|
| B.E. | 528 | 798 |

Number of Computer Centers with capacity of each

| S. No | Laboratory/workshop/studio | Area of the laboratory available (sq.m.) |
|-------|----------------------------|--|
| 1 | CP LAB | 132 |
| 2 | OOAD LAB | 66 |
| 3 | JAVA / DBMS LAB | 66 |
| 4 | IP LAB | 66 |
| 5 | CIVIL CAD LAB | 132 |

| | | |
|---|----------------------------|-----|
| 6 | VLSI LAB | 66 |
| 7 | MECH CAD LAB | 132 |
| 8 | COMMUNICATION LAB | 132 |
| 9 | POWER SYSTEMSIMULATION LAB | 105 |

Central Examination Facility, Number of rooms and capacity of each

| SL.NO | Name of the Block | Area(Length * Width) in sq.m. | Number of Rooms | Capacity |
|-------|-------------------|-------------------------------|-----------------|----------|
| 1 | Exam Cell | 122 | 1 | - |
| 2 | Main Block | 180 | 17 | 1450 |
| 3 | New Block | 154 | 22 | 1254 |

Barrier Free Built Environment for disabled and elderly persons

The institution adheres to the Government policies for the differently-abled students and is committed to their welfare in the following ways.

A barrier-free environment for their mobility in the form of lifts in all the blocks.

Equal opportunities are provided without discrimination

Teaching and non teaching staff members are sensitized to handle differently-abled students.

Ramps are provided in all buildings

Examinations are conducted in the ground floor.

Wheel Chairs are available

Occupancy Certificate

Fire and Safety Certificate

Hostel Facilities

Boys Hostel Details

| Buildings | Location | Distance | Total Admitted Strength | Block Name | Room Type | Carpet area of room (sq.m.) | Number of rooms Available | Room capacity Available (sq.m.) |
|-----------|---------------|--------------|-------------------------|-------------------------|--------------------|-----------------------------|---------------------------|---------------------------------|
| Owned | Inside Campus | Within 20 KM | 60 | ANNAMALAIAR BOYS HOSTEL | Triple Seated Room | 18 | 25 | 320 |
| Owned | Inside Campus | Within 20 KM | 30 | ANNAMALAIAR BOYS HOSTEL | Single Room | 30 | 35 | 260 |

Girls Hostel Details

| Buildings | Location | Distance | Total Admitted Strength | Block Name | Room Type | Carpet area of room (sq.m.) | Number of rooms Available | Room capacity Available (sq.m.) |
|------------------|-----------------|-----------------|--------------------------------|--------------------------|--------------------|------------------------------------|----------------------------------|--|
| Owned | Inside Campus | Within 20 KM | 23 | ANNAMALAIAR GIRLS HOSTEL | Triple Seated Room | 20 | 10 | 200 |
| Owned | Inside Campus | Within 20 KM | 10 | ANNAMALAIAR GIRLS HOSTEL | Single Room | 9 | 10 | 90 |

Other related building areas

| Description of the area | Required carpet area (sq.m.) per hostel unit of 120 students | Available carpet area (sq.m.) |
|---|---|--------------------------------------|
| Kitchen and Dining Hall | 200 | 600 |
| Indoor games cum Common hall | 150 | 1250 |
| Medical room (for all hostels) | 50 | 66 |
| Canteen | 50 | 122 |
| Warden office each within the blocks | 18 | 90 |
| Guest rooms (2 nos) | 18 | 122 |
| Guest rooms Additional 4 rooms of 9(sq.m.) each within the blocks | 36 | 150 |
| Toilets | 75 | 480 |

Library

Library books/ Titles/ Journals available (program-wise) – As per AICTE Norms

List of online National/ International Journals available –As per AICTE Norms

E- Library facilities Available

Computing Facilities

Internet Bandwidth : **150 MBPS**

Number and configuration of System ,Total number of system connected by LAN / WAN

| Sl .No. | Course | Total No. of Students | Number of Terminals with p4 - Processor or higher Available | Number of Terminals On LAN /WAN Available |
|---------|--------|-----------------------|---|---|
| 1 | B.E., | 414 | 302 | 302 |

Major software packages available

List of System Software

| Sl .No. | Software Name |
|---------|---------------------------|
| 1 | Windows 2012 R2 Server |
| 2 | Windows 2008 R2 Server |
| 3 | Windows 10 |
| 4 | Windows 8 |
| 5 | Windows 7 |
| 6 | Windows 2000 Adv Server |
| 7 | Windows 2000 Professional |
| 8 | Windows 98 |
| 9 | Windows 95 |
| 10 | Fedora 14.0 |

List of Application Software

| Sl .No. | Software Name |
|---------|-------------------------------|
| 1 | MS Visual studio.Net 2010 |
| 2 | MS Visual studio.Net 2008 |
| 3 | MS Visual studio.Net 2005 |
| 4 | MS Visual studio 6.0 |
| 5 | MS SQL Server 2008 |
| 6 | MS SQL Server 2005 |
| 7 | MS SQL Server 2003 |
| 8 | Oracle 11g Application Server |
| 9 | Oracle 11g Database Server |
| 10 | Oracle forms |
| 11 | LAB VIEW 6 |
| 12 | LAB VIEW 7 |
| 13 | MATLAB R2021B |
| 14 | MATLAB R2012B |
| 15 | MS Office 2010 |

| | |
|----|-----------------------------|
| 16 | MS Office 2007 |
| 17 | MS Office 2003 |
| 18 | TALLY ERP 9 |
| 19 | Rational Rose |
| 20 | AU Power |
| 21 | AUTO CAD 2008 |
| 22 | AUTODESK INVENTOR PROF 2009 |
| 23 | SOLID WORKS |
| 24 | ANSYS |
| 25 | CADEM |
| 26 | CATIA |
| 27 | FLUID SIM |
| 28 | TRAINER KIT |
| 29 | TANNER |
| 30 | COMPOSER STUDIO |
| 31 | ADOBE PHOTOSHOP |
| 32 | ADOBE PAGEMAKER |
| 33 | NS2 |
| 34 | ALTERA |
| 35 | PSIM SOFTWARE 6.1 |
| 36 | TREND ANTI VIRUS |
| 37 | SCO UNIX |
| 38 | WEBSHERE SERVER |

List of facilities available:

Games and Sports Facilities

| S.No | Description | Details |
|-------------|--|--|
| 1 | Total area of the play ground(sq.m) | 12500 |
| 2 | Details of the outdoor Games available | VOLLEY BALL BADMINTON THROW BALL CRICKET FOOT BALL KHO KHO KABADDI |

| | | |
|---|---------------------------------------|-------------------------|
| 3 | Details of the indoor Games available | YOGA CARROM CHESS |
| 4 | Details of gymnasium available | Yes |
| 5 | Funds allotted to physical Education | Rs. 5,70,000 |

Soft Skill Development Facilities

Soft Skills

Training on Personality Development, Leadership Skills, Business Communication Skills, Crisis Management, Interview skills and Aptitude training are offered to students of all branches.

Allocation of hours

Every department is encouraged to extend its support to organize a value addition course for 20 hours each semester.

The 20 hours of training is spread across to two hours per week and they are reflected in the time table.

Conduct of Courses

Practical sessions are arranged along with theory classes to give hands on training on technical skills.

More emphasis is given to practical sessions for the students to get expertise in trouble shooting the technical problems.

Certificates are given for certified course which help students during placements

Activity based teaching is adopted for training soft skills which enables the student to communicate confidently in real life situations

Resource persons and Infrastructure facilities

Sessions are handled by eminent resource persons from external organizations.

Internal teaching faculty are also encouraged to obtain certifications from certifying bodies to

Support the conduct of training sessions.

Theory classes are conducted in the classrooms.

Department specific laboratories are utilized for conducting practical sessions.

The soft skill training department consists of a coordinator, trainers and Staff coordinators from all the departments. It conducts the following programs (two hours/ week).

Trainers conduct

- Soft skill program
- Aptitude training
- Debate and group discussion session
- Mock interview

Soft skills training are given to improve the performance of students in interviews, group discussions and thus secure excellent placement in reputed companies

Teaching Learning Process

The institution always places the students at the centre of the teaching learning process.

ICT enabled classrooms makes the student, the centre of teaching learning process and the teacher, a facilitator for the students. There are provisions for sending notes and lecture presentations to group mail ids of the students.

EDUSAT programmes help the student to understand the difficult subjects.

Students make use of the internet, lab facilities to prepare for seminars / conferences / paper presentations etc.

Students are benefitted from Online Public Access Catalogue for online access of E Journals.

Online course materials are hosted on the intranet server to provide access to students

Students are provided with internet facility for their project work and for updating their knowledge. They use technologies developed by the college for solving problems, prepare and analyze different methods for practical applications.

The college also conducts various workshop, seminars, guest lectures, conferences for the students, in order to acquaint them with current emerging trends.

Teaching/ Learning process is enhanced based on the feedback given by the students.

Curricula and syllabus for each of the Programmes as approved by the University

UG Programmes

BE./B.Tech Curricula and syllabus (R-17 – Anna University)

B.E. (Civil Engineering)

B.E. (Computer Science and Engineering)

B.E. (Electrical and Electronics Engineering)

B.E. (Electronics and Communication Engineering)

B.E. (Mechanical Engineering)

Academic Calendar of the University

Teaching Load of each Faculty

| S.NO | DESIGNATION | NO OF HOURS |
|-------------|---------------------|--------------------|
| 1 | Professor | 20 Hrs / Week |
| 2 | Associate Professor | 20 Hrs / Week |
| 3 | Assistant Professor | 20 Hrs / Week |

Internal Continuous Evaluation System and place

The institution insists the faculty members to prepare a question bank from previous year University papers along with answer key.

Daily class tests are conducted in each and every subject before commencement of the internal assessment tests.

The slow learners are identified and special coaching classes are conducted.

Retests are conducted for students who failed to secure 60 of marks in continuous assessment tests.

After completion of internal assessment tests, the progress reports are subsequently sent to the parents.

The students who secured less than 75% of attendance are asked to attend class after their parents meet.

Student's assessment of Faculty, System in place

The effectiveness of faculty members in content delivery and assessment are evaluated by students through the online feedback system twice a semester. Based on the feedback score, individual faculty is counseled and guided by the Head of the Department. The parameter to which the feedback is provided is as follows:

- Organization of the subject matter in a logical sequence
- Faculty coming to the class on time and engaging regularly
- Preparation made by the faculty on the subject
- Faculty's knowledge on the latest developments in the subject area
- Faculty's ability to maintain discipline in the class
- Assistance and Counseling offered by the faculty to the needy students
- Ability to take class audibly and clearly
- Usage of various methods and materials like OHP, Presentation to take class
- Ability to write and draw legibly
- Teacher's ability to explain the concepts well and provide adequate examples
- Ability of the faculty to give instructions to the students according to their understanding
- Fair and impartial valuation of the answer papers
- Regular conduction of assignments, tests and return the answer papers on time

Industry Linkage : MoUs with Industries

The institution has signed MoUs under various departments and covering activities like training, placement, development of training facilities for students, guest Lectures, participation in technical events etc. Some of the activities with which MoUs have been signed are listed here

| Department | Date of MoU & Details of the Company |
|-------------------|---|
| EEE | INEL POWER SYSTEM ENGINEERS (P) LTD.- for InPlant Training, Value Added Course |
| MECHANICAL | SARATHA STAMPING SLUTION PVT LTD.- for InPlant Training, Value Added Course PRFECT TOOLS & DIE MAKERS PVT LTD.- for InPlant Training, Value Added Course |
| ECE | Vi Microsystems PVT LTD.- for InPlant Training, Value Added Course |
| CSE | VANAASPIRE PVT LTD – for InPlant Training, Value Added Course |