

NATIONAL BOARD OF ACCREDITATION

Data Capturing Points of the Program Applied for NBA Accreditation- Tier I UG (Engineering) Institute Programs

PART-A: Profile of the Institute

Name of the Program Applied for: B.E-Electronics and Instrumentation Engineering

A1: Name of the Institute: -

SRI SAI RAM ENGINEERING COLLEGE

Year of Establishment : 1995

Location of the Institute: SAI LEO NAGAR,
POONTHANDALAM VILLAGE,
DHARKAST POST, WEST TAMBARAM,
CHENNAI – 600 044, TAMIL NADU

A2: Institute Address: -

City : CHENNAI

State : TAMIL NADU

Pin Code : 600 044

Website : <https://sairam.edu.in/>

E-mail : sairam@sairam.edu.in

Phone No (with STD Code): 044 2251 2222

A3: Name and Address of the Affiliating University (If any): -

Name of the University : ANNA UNIVERSITY

City : CHENNAI

State : TAMIL NADU

Pin Code: 600 025

A4: Type of the Institution: - (Tick the applicable choice)

Institute of National Importance

Deemed University

University

Autonomous

Non-Autonomous (Affiliated)

Any other (Please specify) *

***Provide Details:** _____

A5: Ownership Status: - (Tick the applicable choice)

Central Government

State Government

Government Aided

Self-financing

Any Other (Please specify) *

***Provide Details:**

A6: Details of all Programs being Offered by the Institution: -❖ No. of UG programs: 14 & 1 M.TECH. (CSE) – 5 YEARS INTEGRATED❖ No. of PG programs: 9**Table No. A6.1:** List of all programs offered by the Institute.

S. No.	Level of program (UG/PG)	Name of the program	Year of Start	Year of close*	Name of the Department
1	UG	B.E. - Mechanical Engineering	1995	-	Mechanical Engineering
2	UG	B.E. - Electronics and Communication Engineering	1995	-	Electronics and Communication Engineering
3	UG	B.E.- Electrical and Electronics Engineering	1995	-	Electrical and Electronics Engineering
4	UG	B.E. -Computer Science and Engineering	1998	-	Computer Science and Engineering
5	UG	B.Tech. - Information Technology	1999	-	Information Technology
6	UG	B.E. - Electronics and Instrumentation Engineering	2007	-	Electronics and Instrumentation Engineering
7	UG	B.E. - Civil Engineering	2007	-	Civil Engineering
8	UG	B.Tech. - Computer Science and Business System	2020	-	Computer Science and Business System
9	UG	B.Tech. - Artificial Intelligence and Data Science	2020	-	Artificial Intelligence and Data Science
10	UG	B.E. - Computer Science and Engineering (Artificial Intelligence and Machine Learning)	2022	-	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
11	UG	B.E.- Computer Science and Engineering (Internet of Things)	2022	-	Computer Science and Engineering (Internet of Things)
12	UG	B.E. - Computer Science and Engineering (Cyber Security)	2024	-	Computer Science and Engineering (Cyber Security)
13	UG	B.E. - Mechatronics Engineering	2025	-	Mechatronics Engineering
14	UG	B.E. - Computer and Communication Engineering	2025	-	Computer and Communication Engineering
15	Integrated	M.Tech. - Computer Science and Engineering (5 years Integrated)	2021	-	Computer Science and Engineering (5 years Integrated)
16	UG	B.E. - Instrumentation & Control Engg. (Name Change in the 2024 -25) as Electronic Instrumentation and Control Engineering	1998	2025	Electronic Instrumentation and Control Engineering
17	UG	B.E. - Mechanical and Automation Engineering	2021	2025	Mechanical Automation and Engineering
18	PG	M.E. – CAD/CAM	2009	-	Mechanical Engineering
19	PG	M.E.-Embedded Systems Technologies	2010	-	Electronics and Communication Engineering

S. No.	Level of program (UG/PG)	Name of the program	Year of Start	Year of close*	Name of the Department
20	PG	M.E. – Communication Systems	2009	-	Electronics and Communication Engineering
21	PG	M.E. – Computer Science and Engineering	2011	-	Computer Science and Engineering
22	PG	M.E. – Computer Science and Engineering (Networks)	2007	-	Information Technology
23	PG	M.Tech – Defence Technology	2022	-	Defence Technology
24	PG	M.E. – BiG Data Analytics	2025	-	Computer Science and Engineering
25	PG	M.E. - Industrial Safety Engineering	2025	-	Mechanical Engineering
26	PG	M.E. - Power Electronics and Drives	2010	-	Electrical and Electronics Engineering

A7: Programs to be considered for Accreditation vide this Application:

Table No. A7.1: List of programs to be considered for accreditation.

Cluster ID.	Name of the Department	Name of the Program
1	B.E. – ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E. – ELECTRONICS AND INSTRUMENTATION ENGINEERING
2	B.E. – MECHANICAL ENGINEERING	B.E. – MECHANICAL ENGINEERING
3	B.E. – ELECTRICAL AND ELECTRONICS ENGINEERING	B.E. – ELECTRICAL AND ELECTRONICS ENGINEERING
4	B.E. – COMPUTER SCIENCE AND ENGINEERING	B.E. – COMPUTER SCIENCE AND ENGINEERING
5	B.TECH. – INFORMATION TECHNOLOGY	B.TECH. – INFORMATION TECHNOLOGY

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

Cluster ID.	Name of the Department (in table no. A7.1)	Name of allied Departments/Cluster (for table no. A7.1)
1	B.E. – ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E. – ELECTRONICS AND COMMUNICATION ENGINEERING B.E. – INSTRUMENTATION & CONTROL ENGINEERING (EICE) M.E.– EMBEDDED SYSTEMS M.E. – COMMUNICATION SYSTEMS
2	B.E. – MECHANICAL ENGINEERING	B.E. – MECHANICAL & AUTOMATION ENGINEERING
3	B.E. – ELECTRICAL AND ELECTRONICS ENGINEERING	-
4	B.E. – COMPUTER SCIENCE AND ENGINEERING	B.TECH. – INFORMATION TECHNOLOGY B.TECH. – COMPUTER SCIENCE AND BUSINESS SYSTEM B.TECH. – ARTIFICIAL INTELLIGENCE AND DATA SCIENCE M.E. – COMPUTER SCIENCE AND ENGINEERING (NETWORKS)
5	B.TECH. – INFORMATION TECHNOLOGY	B.TECH. - COMPUTER SCIENCE AND BUSINESS SYSTEM B.TECH. – ARTIFICIAL INTELLIGENCE AND DATA SCIENCE B.E. – COMPUTER SCIENCE AND ENGINEERING M.E. - COMPUTER SCIENCE AND ENGINEERING

PART-B: Program information

B1: Provide the Required Information for the Program Applied For: -

Table No. B1: Program details.

S. N.	Program Name	Year of start	Sanctioned Intake	Increase/decrease in intake, if any	Year of increase/decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	Electronics & Instrumentation Engg.	2007	60	120 90	2009 2018	F.No.Southern /1-3516176364/2018/EOA, Dt.4th April 2018	Granted accreditation for 3 years for the period 2022 - 2025	2

B2: Detail of Head of the Department for the program under consideration:

A. Name of the HoD : Dr. K. Renganathan

B. Nature of appointment: (Tick the applicable choice)

- ❖ Regular
- ❖ Contract
- ❖ Ad hoc

C. Qualification: (Tick the applicable choice)

- ❖ Ph.D.
- ❖ ME/M.Tech
- ❖ Any other*

B3: Program Details

Table No.B3.1: Admission details for the program excluding those admitted through multiple entry and exit points.

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY 2024-2025	CAYm1 2023-2024-	CAYm2 2022-2023	CAYm3 2021-2022	CAYm4 (LYG) 2020-2021	CAYm5 (LYGm1) 2019-2020	CAYm6 (LYGm2) 2018-2019
N= Sanctioned intake of the program (as per AICTE /Competent authority)	90	90	90	90	90	90	90
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	86	88	90	90	62	71	45
N2= Number of students admitted in 2 nd year in the same batch via lateral entry including leftover seats	-	6	-	1	3	-	1
N3= Separate division if any	-	-	-	-	-	-	-
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	-	-	2	2	-	-	-
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	86	94	92	93	65	71	46

B4: Enrolment Ratio in the First Year

Table No. B4.1: Student enrolment ratio in the 1st year

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY 2024-2025	CAYm1 2023-2024-	CAYm2 2022-2023
N= Sanctioned intake of the program in the 1 st year (as per AICTE/Competent authority)	90	90	90
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	86	88	90
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	-	-	2
Enrolment Ratio (ER)= (N1+N4)/N	95.6	97.8	104
Average ER= (ER_1+ ER_2+ ER_3)/3	99.1		

B5: Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: The success rate in the stipulated period of a program.

Item	LYG (2020- 2021)	LYGm1 (2019- 2020)	LYGm2 (2018- 2019)
A*= (No. of students admitted in the 1 st year of that batch and those actually admitted in the 2 nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	99	99	99
B=No. of students who graduated from the program in the stipulated course duration	61	71	46
Success Rate (SR)= (B/A)*100	61.61	71.72	46.46
Average SR of three batches $((SR_1+SR_2+ SR_3)/3)$	59.93		

B6: Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1 2023- 2024	CAYm2 2022- 2023	CAYm3 2021- 2022
X= (Mean of 1 st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1 st year/10)	7.94	8.01	7.86
Y= Total no. of successful students	72	57	61
Z = Total no. of students appeared in the examination	88	92	92
API = X* (Y/Z)	6.49	4.96	5.21
Average API = (API_1 + API_2 + API_3)/3	16.66/3 = 5.55		

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1 2023- 2024	CAYm2 2022- 2023	CAYm3 2021- 2022
X= (Mean of 2 nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2 rd year/10)	7.94	7.92	8.41
Y= Total no. of successful students	76	83	45
Z =Total no. of students appeared in the examination	91	93	64
API = X* (Y/Z)	6.63	7.06	5.91
Average API = (API_1 + API_2 + API_3)/3	19.6/3= 6.53		

B8: Academic Performance of the Third Year Students of the Program**Table No.B8.1:** Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 2023- 2024	CAYm2 2022- 2023	CAYm3 2021- 2022
X= (Mean of 3 rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3 rd year/10)	7.91	8.15	8.60
Y= Total no. of successful students	89	58	64
Z= Total no. of students appeared in the examination	93	64	71
API = X* (Y/Z)	7.57	7.38	7.75
Average API = (API_1 + API_2 + API_3)/3	22.7/3=7.56		

B9: Placement, Higher Studies, and Entrepreneurship**Table No.B9.1:** Placement, higher studies, and entrepreneurship details.

Item	LYG (2024)	LYGm1 (2023)	LYGm2 (2022)
FS*=Total no. of final year students	99	99	99
X= No. of students placed	31	52	37
Y= No. of students admitted to higher studies	0	7	0
Z= No. of students taking up entrepreneurship	0	0	0
X + Y + Z =	31	59	37
Placement Index (P) = (((X + Y + Z)/FS) * 100)	P_1(31.31)	P_2(59.59)	P_3(37.37)
Average placement index = (P_1 + P_2 + P_3)/3	128.27/3 = 42.77		

PART C: Faculty Details in Department and Allied Departments

Faculty details of Department and Allied Departments

Table No C1: Faculty details in the Department for the past 3 years including CAY

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

CURRENT ACADEMIC YEAR (2024-2025)

S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Designation at time joining in this institution	Experience in years in current	Present Designation	The date on which Designated as Professor/ Associate/ Professor if any	Date of receiving highest degree	Nature of Association (Regular/Contract/Ad hoc)	If contractual mention Full time	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	Dr.K.Renganathan	Ph.D	SRM University	Fault diagnosis and fault tolerance control	29.06.2006	Assistant Professor	18.7	Professor	02.01.2017	28.12.2012	Regular	-	Y	-
2	Dr.M.Nalini	Ph.D	SCSVMV University	Biomedical Engineering	03.06.2010	Assistant Professor	14.8	Professor	01.06.2019	07.05.2019	Regular	-	Y	-
3	Dr.C.Komathi	Ph.D	Anna University	Power Electronics	01.06.2012	Assistant Professor	12.1	Professor	01.03.2022	28.09.2020	Regular	-	N	01.07.2024
4	Dr.S.Durgadevi	Ph.D	Anna University	Power Electronics	02.05.2011	Assistant Professor	13.9	Professor	01.01.2024	19.03.2020	Regular	-	Y	-
5	Ms.K.Thirupura Sundari	M.E	Anna University	Control and Instrumentation	15.06.2009	Assistant Professor	15.8	Associate Professor	01.06.2017	10.06.2004	Regular	-	Y	-

6	Mr.B.Rajapandian	M.E	Sathyabama Institute of Technology and Science	Power Electronics	02.01.2009	Assistant Professor	16.1	Associate Professor	02.01.2017	11.07.2007	Regular	-	Y	-
7	Dr.K.Anbumani	Ph.D	Sathyabama Institute of Technology and Science	Process Control and Instrumentation	10.06.2010	Assistant Professor	14.8	Associate Professor	02.01.2017	18.08.2022	Regular	-	Y	-
8	Dr.T.Sathies Kumar	Ph.D	Anna University	Biomedical Engineering	01.06.2011	Assistant Professor	13.8	Associate Professor	01.08.2022	27.01.2023	Regular	-	Y	-
9	Dr.S.Subha	Ph.D	Anna University	Digital Electronics & Communication	19.12.2011	Assistant Professor	13.2	Associate Professor	1.8.2022	30.08.2023	Regular	-	Y	-
10	Ms.K.Srividya	M.E	Anna University	Applied Electronics	10.06.2010	Assistant Professor	14.8	Associate Professor	1.8.2022	20.06.2009	Regular	-	Y	-
11	Ms.T.Tamil Selvi	M.E	Sathyabama Institute of Technology and Science	Applied Electronics	01.06.2012	Assistant Professor	12.8	Associate Professor	1.8.2022	18.04.2009	Regular	-	Y	-
12	Mr.R.Premkumar	M.E	Annamalai University	Process Control and Instrumentation	10.06.2010	Assistant Professor	14.8	Associate Professor	1.8.2022	10.06.2010	Regular	-	Y	-
13	Dr.B.Puviyarasi	Ph.D	Anna University	Control and Instrumentation	01.06.2012	Assistant Professor	12.8	Associate Professor	1.8.2024	07.08.2023	Regular	-	Y	-
14	Ms.R.Gayathiri	M.E	Annamalai University	Process Control and Instrumentation	31.05.2013	Assistant Professor	11.8	Assistant Professor		31.05.2005	Regular	-	Y	-
15	Mr.K.Madhanamohan	M.E	Anna University	Applied Electronics	10.06.2010	Assistant Professor	14.8	Assistant Professor		30.06.2009	Regular	-	Y	-
16	Ms.S.Premalatha	M.E	Anna University	Computer and communication	01.09.2010	Assistant Professor	14.5	Assistant Professor		10.06.2010	Regular	-	Y	-

17	Mr.M.Subramanian	M.E	Anna University	Computer and communication	07.07.2011	Assistant Professor	13.7	Assistant Professor		30.04.2011	Regular	-	Y	-
18	Ms.N.Nithya Rani	M.E	Anna University	Control and Instrumentation	16.06.2016	Assistant Professor	8.8	Assistant Professor		16.11.2013	Regular	-	Y	-

CAYm1 (2023-2024)

S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at time joining in this institution	Present Designation	The date on which Designated as Professor/ Associate/ Professor if any	Date of receiving highest degree	Nature of Association (Regular/Contract/Ad hoc)	If contractual mention Full time or Part time	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	Dr.K.Renganathan	Ph.D	SRM University	Fault diagnosis and fault tolerance control	29.06.2006	17.7	Assistant Professor	Professor	02.01.2017	28.12.2012	Regular	-	Y	-
2	Dr.M.Nalini	Ph.D	SCSVMV University	Biomedical Engineering	03.06.2010	13.8	Assistant Professor	Professor	01.06.2019	07.05.2019	Regular	-	Y	-
3	Dr.C.Komathi	Ph.D	Anna University	Power Electronics	01.06.2012	11.1	Assistant Professor	Professor	01.03.2022	28.09.2020	Regular	-	Y	-

4	Dr.S.Durgadevi	Ph.D	Anna University	Power Electronics	02.05.2011	12.9	Assistant Professor	Associate Professor	01.08.2020	19.03.2020	Regular	-	Y	-
5	Ms.K.Thirupura Sundari	M.E	Anna University	Control and Instrumentation	15.06.2009	14.8	Assistant Professor	Associate Professor	01.06.2017	10.06.2004	Regular	-	Y	-
6	Mr.B.Rajapandian	M.E	Sathyabama Institute of Technology and Science	Power Electronics	02.01.2009	15.1	Assistant Professor	Associate Professor	02.01.2017	11.07.2007	Regular	-	Y	-
7	Dr.K.Anbumani	Ph.D	Sathyabama Institute of Technology and Science	Process Control and Instrumentation	10.06.2010	13.8	Assistant Professor	Associate Professor	02.01.2017	18.08.2022	Regular	-	Y	-
8	Dr.T.Sathies Kumar	Ph.D	Anna University	Biomedical Engineering	01.06.2011	12.8	Assistant Professor	Associate Professor	1.8.2022	27.01.2023	Regular	-	Y	-
9	Dr.S.Subha	Ph.D	Anna University	Digital Electronics & Communication	19.12.2011	12.2	Assistant Professor	Associate Professor	1.8.2022	30.08.2023	Regular	-	Y	-
10	Ms.K.Srividya	M.E	Anna University	Applied Electronics	10.06.2010	13.8	Assistant Professor	Associate Professor	1.8.2022	20.06.2009	Regular	-	Y	-

11	Ms.T.Tamil Selvi	M.E	Sathyabama Institute of Technology and Science	Applied Electronics	01.06.2012	11.8	Assistant Professor	Associate Professor	1.8.2022	18.04.2009	Regular	-	Y	-
12	Mr.R.Premkumar	M.E	Annamalai University	Process Control and Instrumentation	10.06.2010	13.8	Assistant Professor	Associate Professor	1.8.2022	10.06.2010	Regular	-	Y	-
13	Ms.R.Gayathiri	M.E	Annamalai University	Process Control and Instrumentation	31.05.2013	10.8	Assistant Professor	Assistant Professor		31.05.2005	Regular	-	Y	-
14	Mr.K.Madhanamohan	M.E	Anna University	Applied Electronics	10.06.2010	13.8	Assistant Professor	Assistant Professor		30.06.2009	Regular	-	Y	-
15	Ms.S.Premalatha	M.E	Anna University	Computer and communication	01.09.2010	13.5	Assistant Professor	Assistant Professor		10.06.2010	Regular	-	Y	-
16	Mr.M.Subramanian	M.E	Anna University	Computer and communication	07.07.2011	12.7	Assistant Professor	Assistant Professor		30.04.2011	Regular	-	Y	-
17	Dr.B.Puviyarasi	Ph.D	Anna University	Control and Instrumentation	01.06.2012	11.8	Assistant Professor	Assistant Professor		07.08.2023	Regular	-	Y	-
18	Ms.N.Nithya Rani	M.E	Anna University	Control and Instrumentation	16.06.2016	7.8	Assistant Professor	Assistant Professor		16.11.2013	Regular	-	Y	-

CAYm2 (2022-2023)

S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institution	Designation at time joining in this institution	Present Designation	The date on which Designated as Professor/ Associate/ Professor if any	Date of receiving highest degree	Nature of Association (Regular/Contract/Ad hoc)	If contractual mention Full	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	Dr.K.Renganathan	Ph.D	SRM University	Fault diagnosis and fault tolerance control	29.06.2006	16.7	Assistant Professor	Professor	02.01.2017	28.12.2012	Regular	-	Y	-
2	Dr.M.Nalini	Ph.D	SCSVMV University	Biomedical Engineering	03.06.2010	12.8	Assistant Professor	Professor	01.06.2019	07.05.2019	Regular	-	Y	-
3	Dr.C.Komathi	Ph.D	Anna University	Power Electronics	01.06.2012	10.1	Assistant Professor	Professor	01.03.2022	28.09.2020	Regular	-	Y	-
4	Dr.S.Durgadevi	Ph.D	Anna University	Power Electronics	02.05.2011	11.9	Assistant Professor	Associate Professor	01.08.2020	19.03.2020	Regular	-	Y	-
5	Ms.K.Thirupura Sundari	M.E	Anna University	Control and Instrumentation	15.06.2009	13.8	Assistant Professor	Associate Professor	01.06.2017	10.06.2004	Regular	-	Y	-
6	Mr.B.Rajapandian	M.E	Sathyabama Institute of Technology and Science	Power Electronics	02.01.2009	14.1	Assistant Professor	Associate Professor	02.01.2017	11.07.2007	Regular	-	Y	-

7	Dr.K.Anbumani	Ph.D	Sathyabama Institute of Technology and Science	Process Control and Instrumentation	10.06.2010	12.8	Assistant Professor	Associate Professor	02.01.2017	18.08.2022	Regular	-	Y	-
8	Dr.T.Sathies Kumar	Ph.D	Anna University	Biomedical Engineering	01.06.2011	11.8	Assistant Professor	Associate Professor	1.8.2022	27.01.2023	Regular	-	Y	-
9	Ms.S.Subha	Ph.D	Anna University	Digital Electronics & Communication	19.12.2011	11.2	Assistant Professor	Associate Professor	1.8.2022	30.08.2023	Regular	-	Y	-
10	Ms.K.Srividya	M.E	Anna University	Applied Electronics	10.06.2010	12.8	Assistant Professor	Associate Professor	1.8.2022	20.06.2009	Regular	-	Y	-
11	Ms.T.Tamil Selvi	M.E	Sathyabama Institute of Technology and Science	Applied Electronics	01.06.2012	10.8	Assistant Professor	Associate Professor	1.8.2022	18.04.2009	Regular	-	Y	-
12	Mr.R.Premkumar	M.E	Annamalai University	Process Control and Instrumentation	10.06.2010	12.8	Assistant Professor	Associate Professor	1.8.2022	10.06.2010	Regular	-	Y	-
13	Ms.R.Gayathiri	M.E	Annamalai University	Process Control and Instrumentation	31.05.2013	9.8	Assistant Professor	Assistant Professor		31.05.2005	Regular	-	Y	-
14	Mr.K.Madhanamohan	M.E	Anna University	Applied Electronics	10.06.2010	12.8	Assistant Professor	Assistant Professor		30.06.2009	Regular	-	Y	-
15	Ms.S.Premalatha	M.E	Anna University	Computer and communication	01.09.2010	12.5	Assistant Professor	Assistant Professor		10.06.2010	Regular	-	Y	-
16	Mr.M.Subramanian	M.E	Anna University	Computer and communication	07.07.2011	11.7	Assistant Professor	Assistant Professor		30.04.2011	Regular	-	Y	-
17	Ms.B.Puviarasi	Ph.D	Anna University	Control and Instrumentation	01.06.2012	10.8	Assistant Professor	Assistant Professor		07.08.2023	Regular	-	Y	-
18	Ms.N.Nithya Rani	M.E	Anna University	Control and Instrumentation	16.06.2016	6.8	Assistant Professor	Assistant Professor		16.11.2013	Regular	-	Y	-

ALLIED DEPARTMENTS

Table No C2: Faculty details of Allied Departments for the past 3 years including CAY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CURRENT ACADEMIC YEAR (2024-2025)

S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at time joining in this institution	Present Designation	The date on which Designated as Professor/ Associate/ Professor if any	Nature of Association (Regular/Contract/Ad hoc)	If contractual mention	Currently Associated	Date of Leaving if any (Incase Currently Associated is "No")
1	DrJ.Raja	Ph.D	AU Chennai	Digital Communication	19.11.2012	12.2	Professor	Professor & Principal	19.11.2012	Regular	-	Y	-
2	DrJ.Thamil Selvi	Ph.D	AU Chennai	Biomedical Image Processing	26.12.2002	22.1	Assistant Professor	Professor & HOD	01.08.2018	Regular	-	Y	-
3	DrS. Sumathi	Ph.D	Sathyabama University	Biometrics-Image processing	09.03.1998	26.11	Assistant Professor	Professor	01.08.2018	Regular	-	Y	-
4	Dr S. Brindha	Ph.D	AU Chennai	Radio over fiber networks	14.06.1999	25.8	Assistant Professor	Professor	01.06.2019	Regular	-	Y	-
5	DrK. Sumathi	Ph.D	AU Chennai	Bio-medical Image Processing	14.09.2005	19.5	Assistant Professor	Professor	01.08.2020	Regular	-	Y	-

6	DrJ.Manikandan	Ph.D	St.Peter's University	VLSI	18.02.2008	16.11	Assistant Professor	Professor	01.02.2019	Regular	-	Y	-
7	DrK.Lakshmi Joshitha	Ph.D	AU Chennai	Wireless Sensor Networks	06.07.2006	18.7	Assistant Professor	Professor	01.08.2020	Regular	-	Y	-
8	DrJ.Arunarasi	Ph.D	AU Chennai	Wireless Communication	21.12.2018	6.1	Associate Professor	Professor	01.03.2022	Regular	-	Y	-
9	Dr M. Baskaran	Ph.D	AU Chennai	Optical Communication	05.11.2020	4.3	Associate Professor	Professor	01.03.2022	Regular	-	Y	-
10	Dr.B.Panjavarnam	Ph.D	AU Chennai	Medical Electronics	03.10.2005	19.4	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-
11	Dr.V.Sasikala	Ph.D	VIT	Optical Communication	27.01.2016	9	Assistant Professor	Associate Professor	01.08.2020	Regular	-	Y	-
12	Dr.K.Moorthi	Ph.D	AU Chennai	Image Processing	23.06.2022	2.7	Assistant Professor	Associate Professor	01.08.2023	Regular	-	Y	-
13	Dr.D.Anita Daniel	Ph.D	Sathyabama University	Wireless Sensor Networks	22.05.2023	1.8	Assistant Professor	Associate Professor	01.08.2024	Regular	-	Y	-
14	Dr.C. Alwin Vinifred	Ph.D	AU Chennai	Applied Electronics	19.01.2011	14.1	Assistant Professor	Associate Professor	01.08.2024	Regular	-	Y	-
15	Dr.C.N.Savithri	Ph.D	AU Chennai	Bio-medical modeling	13.06.2011	13.8	Assistant Professor	Associate Professor	01.08.2024	Regular	-	Y	-
16	Dr. G.Tony Santhosh	Ph.D	AU Chennai	Applied Electronics	21.07.2022	2.6	Assistant Professor	Associate Professor	01.08.2024	Regular	-	Y	-
17	Ms.A.R. Rajini	M.S	Bits Pilani	Electronics & Controls	06.08.1997	27.6	Assistant Professor	Professor	01.08.2005	Regular	-	Y	-
18	Dr. G.Sudha	Ph.D	B.S. Abdur Rahman Crescent Institute of Technology	Wireless networks	05.07.2002	22.7	Assistant Professor	Associate Professor	01.08.2012-	Regular	-	Y	-

19	Ms.S.Usha	M.E	AU Chennai	Embedded system technologies	01.06.2007	17.8	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-
20	Ms.N.Shivaanivarsaha	M.E	Sathyabama University	Applied Electronics	21.06.2007	17.8	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-
21	Ms.G.Shanthakumari	M.E	AU Chennai	Embedded system technologies	01.06.2012	12.8	Assistant Professor	Associate Professor	01.08.2012	Regular	-	Y	-
22	Ms.V.A.Velvizhi	M.E	AU Chennai	Communication System	16.06.2008	16.8	Assistant Professor	Associate Professor	01.08.2012	Regular	-	Y	-
23	Ms.N. Nazeeya Anjum	M.E	AU Chennai	Medical Electronics	06.06.2013	11.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
24	Ms.K.Subhashini	M.E	AU Chennai	Medical Electronics	10.10.2007	17.4	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
25	Ms.R.Chitra	M.E	AU Chennai	VLSI Design	03.06.2011	13.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
26	Mr.K.Srinivasan	M. Tech	Sathyabama University	VLSI Design	09.07.2012	12.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
27	Ms.N.Logeswari	M.E	AU Chennai	Embedded System Technologies	10.06.2013	11.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
28	Ms.S.Rajalakshmi	M.E	AU Chennai	Computer Communication	01.9.2009	15.5	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
29	Mr.K.Devi balan	M.E	AU Chennai	Communication Systems	03.06.2011	13.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
30	Ms.S.Gayathri	M. Tech	Bharath University	Applied Electronics	01.10.2012	12.4	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
31	Ms.V.Remya	M.E	AU Chennai	Communication Systems	13.06.2013	11.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
32	Mr.T.Sivasakthi	M.E	AU Coimbatore	Applied Electronics	27.01.2016	9	Assistant Professor	Assistant Professor	-	Regular	-	Y	-

33	Ms.S. Saranya	M.E	AU Chennai	VLSI design	27.01.2016	9	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
34	Ms.S. Surya	M. Tech	SRM University	Communication systems	16.06.2016	8.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
35	Ms.B.Rajalakshmi	M.E	Sathyabama University	Applied Electronics	16.06.2016	8.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
36	Ms. M. Shabana Parveen	M.E	AU Chennai	Communication systems	15.06.2017	7.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
37	Ms.G.Lakshmi	M.E	AU Chennai	Embedded system technologies	06.08.2020	4.6	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
38	Ms.J. Sandhya	M.E	AU Chennai	Wireless Technology	02.12.2020	4.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
39	Ms.A.Rashmi	M.E	AU Chennai	Applied Electronics	02.12.2020	4.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
40	Ms.V.MyvizhiSelvi	M.E	AU Chennai	Wireless Technology	02.12.2020	4.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
41	Dr NAnitha	Ph.D	Kalasalingam University	Medical Image Processing	22.07.2022	2.7	Assistant Professor	Associate Professor	01.08.2024	Regular	-	Y	-
42	Ms.S.Bhuvaneshwari	M.E	Sathyabama University	Embedded System Technologies	22.05.2023	1.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
43	Ms.P. Poornima	M.E	AU Chennai	Applied Electronics	07.06.2023	1.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
44	Ms.M.Uma	M.E	AU Coimbatore	Communication Systems	07.06.2023	1.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
45	Ms.R.Tamezhneal	M.E	AU Chennai	Communication Systems	07.06.2023	1.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
46	Dr.K.Kayalvizhi	Ph.D	AU Chennai	Wireless Communications	12.06.2023	1.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-

47	Ms.S.Lavanya Devi	M.E	AU Chennai	Power Electronics & Drives	03.05.2024	0.9	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
48	Ms.R. Gowri Manohari	M.E	AU Chennai	Communication Systems	09.05.2024	0.9	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
49	Mr. N. Balaji	M. Tech	ANNA UNIVERSITY	VLSI DESIGN	1.06.2024	0.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
50	Dr.S Alagu	Ph.D	AU Chennai	Medical Image processing	04.11.2024	0.3	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
51	Mr.S.Vinoth Kumar	M.E	AU Chennai	VLSI Design	02.11.2020	3.10	Assistant Professor	Assistant Professor	-	Regular	-	N	18.09.2024

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S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at time joining in this institution	Present Designation	The date on which Designated as professor/Associate/Professor if any	Nature of Association (Regular/Contract/Ad hoc)	If contractual mention Fulltime or Part time	Currently associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	Dr.J.Raja	Ph.D	AU Chennai	Digital Communication	19.11.2012	11.2	Professor	Professor & Head Dean Academics	19.11.2012	Regular	-	Y	-
2	DrS. Sumathi	Ph.D	Sathyabama University	Biometrics-Image processing	09.03.1998	21.1	Assistant Professor	Professor	01.08.2018	Regular	-	Y	-

3	Dr J.Thamil Selvi	Ph. D	AU Chennai	Biomedical Image Processing	26.12.2002	25.11	Assistant Professor	Professor	01.08.2018	Regular	-	Y	-
4	Dr.S. Brindha	Ph. D	AU Chennai	Radio Over Fiber networks	14.06.1999	24.8		Professor	01.06.2019	Regular	-	Y	-
5	Dr.K. Sumathi	Ph. D	AU Chennai	Bio-medical Image Processing	14.09.2005	18.5	Assistant Professor	Professor	01.08.2020	Regular	-	Y	-
6	Dr.J.Mani kandan	Ph. D	St.Peter's University	VLSI	18.02.2008	15.11	Assistant Professor	Professor	01.02.2019	Regular	-	Y	-
7	Dr.K.Lakshmi Joshitha	Ph. D	AU Chennai	Wireless Sensor Networks	06.07.2006	17.7	Assistant Professor	Professor	01.08.2020	Regular	-	Y	-
8	Dr.J.Arunarasi	Ph. D	AU Chennai	Wireless Communication	21.12.2018	5.1	Associate Professor	Professor	01.03.2022	Regular	-	Y	-
9	Dr.M. Baskaran	Ph. D	AU Chennai	Optical Communication	05.11.2020	3.3	Associate Professor	Professor	01.03.2022	Regular	-	Y	-
10	Dr.B.Panjavarnam	Ph. D	AU Chennai	Medical Electronics	03.10.2005	18.4	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-
11	Dr.P. Prakash	Ph. D	AU Chennai	VLSI Design	20.06.2007	15.92	Assistant Professor	Associate Professor	01.08.2010	Regular	-	Y	-
12	Dr.V.Sasikala	Ph. D	VIT	Optical Communication	27.01.2016	8	Assistant Professor	Associate Professor	01.08.2020	Regular	-	Y	-
13	Dr.K Moorthi	Ph. D	AU Chennai	Image Processing	23.06.2022	1.7	Assistant Professor	Associate Professor	01.08.2023	Regular	-	Y	-
14	Ms.A.R. Rajini	M.S	Bits Pilani	Electronics & Controls	06.08.1997	26.6	Assistant Professor	Professor	01.08.2005	Regular	-	Y	-
15	Ms.G. Sudha	M.E	Sathyabama	Applied Electronic	05.07.2002	21.7	Assistant Professor	Associate Professor	01.08.2012	Regular	-	Y	-

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16	Ms.S.Usha	M.E	AU Chennai	Embedded System technologies	01.06.2007	16.8	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-
17	Ms.N.Sivaanivarsa	M.E	Sathyabama University	Applied Electronics	21.06.2007	16.8	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-
18	Ms.G.Santhakumari	M.E	AU Chennai	Embedded System technologies	01.06.2012	11.8	Assistant Professor	Associate Professor	01.08.2022	Regular	-	Y	-
19	Ms.V.A.Velvizhi	M.E	AU Chennai	Communication System	16.06.2008	15.8	Assistant Professor	Associate Professor	01.08.2022	Regular	-	Y	-
20	Mr.C. Alwin Vinifred	M.E	AU Chennai	Applied Electronics	19.01.2011	13.1	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
21	Ms.C.N.Savithri	M.E	AU Chennai	Communication Systems	13.06.2011	12.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
22	Ms.N.Nazeya Anjum	M.E	AU Chennai	Medical Electronics	06.06.2013	10.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
23	Ms.K.Subhashini	M.E	AU Chennai	Medical Electronics	10.10.2007	16.4	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
24	Ms.R. Chitra	M.E	AU Chennai	VLSI Design	03.06.2011	12.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
25	Mr.K.Srinivasan	M. Tec	Sathyabama University	VLSI Design	09.07.2012	11.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
26	Ms.N.Logeswari	M.E	AU Chennai	Embedded System Technologies	10.06.2013	10.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
27	Ms.S. Rajalakhmi	M.E	AU Chennai	Computer Communication	01.9.2009	14.5	Assistant Professor	Assistant Professor	-	Regular	-	Y	-

28	Mr.K. Devibalan	M.E	AU Chennai	Communication Systems	03.06.2011	12.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
29	Ms.S. Gayathri	M. Tec	Bharath University	Applied Electronics	01.10.2012	11.4	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
30	Ms.V. Remya	M.E	AU Chennai	Communication Systems	13.06.2013	10.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
31	Mr.T. Sivasakthi	M.E	AU Chennai	Applied Electronics	27.01.2016	8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
32	Ms.S. Saranya	M.E	AU Chennai	VLSI design	27.01.2016	8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
33	Ms.S. Surya	M. Tec	SRM University	Communication systems	16.06.2016	7.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
34	Ms.B.Rajalakshmi	M.E	Sathyabama University	Applied Electronics	16.06.2016	7.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
35	Ms.M. Shabana Parveen	M.E	AU Chennai	Communication systems	15.06.2017	6.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
36	Ms.G. Lakshmi	M.E	AU Chennai	Embedded System technologies	06.08.2020	3.6	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
37	Mr.S. Vinoth Kumar	M.E	AU Chennai	VLSI Design	02.11.2020	3.10	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
38	Ms.J. Sandhya	M.E	AU Chennai	Wireless Technology	02.12.2020	3.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
39	Ms.A. Rashmi	M.E	AU Chennai	Applied Electronics	02.12.2020	3.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
40	Ms.V. Myvizhi Selvi	M.E	AU Chennai	Wireless Technology	02.12.2020	3.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-

41	MrG. Tony Santhosh	M.E	AU Chennai	Applied Electronics	21.07.2022	1.6	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
42	Dr NAnitha	Ph.D	Kalasalingam University	Medical Image Processing	22.07.2022	1.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
43	Dr.D.Anita Daniel	Ph.D	Sathyabama University	Wireless Sensor Networks	22.05.2023	0.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
44	Ms.S. Bhuvaneswari	M.E	Sathyabama University	Embedded System Technologies	22.05.2023	0.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
45	Ms.P. Poornima	M.E	AU Chennai	Applied Electronics	07.06.2023	0.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
46	Ms.M.Uma	M.E	AU Coimbatore	Communication Systems	07.06.2023	0.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
47	Ms.R. Tamezhneal	M.E	AU Chennai	Communication Systems	07.06.2023	0.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
48	Ms.K. Kayalvizhi	M.E	AU Trichy	Communication Systems	12.06.2023	0.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
49	Dr S Balamurugan	Ph.D	Calicut University	Nano Science and technology	19.11.2020	1.10	Assistant Professor	Associate Professor	01.08.2022	Regular	-	N	05.10.2023
50	Dr M. Jenath	Ph.D	AU Chennai	Antenna Design	27.06.2022	1	Assistant Professor	Assistant Professor	-	Regular	-	N	26.12.2023
51	Mr.K.Gopi	Ph.D	SRM University	VLSI Design	12.07.2022	1	Assistant Professor	Assistant Professor	-	Regular	-	N	07.08.2023
52	Ms.S. Kohila	M.E	AU Chennai	Avionics	03.06.1996	28	Assistant Professor	Assistant Professor	-	Regular	-	N	31.5.2024

53	Ms.M. Methini	M.E	AU Chennai	Applied Electronics	21.06.2007	16.11	Assistant Professor	Assistant Professor	-	Regular	-	N	31.5.2024
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S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at time joining in this institution	Present Designation	The date on which Designated as Professor/Associate/Professor if any	Nature of Association(Regular/Contract/Ad hoc)	If contractual mention Full time or Part time	Currently Associated (Y/N)	Date of Leaving if any (Incase Currently Associated is "No")
1	Dr.J.Raja	Ph.D	AU Chennai	Digital Communication	19.11.2012	10.2	Professor	Professor & Head Dean Academics	19.11.2012	Regular	-	Y	-
2	DrS. Sumathi	Ph.D	Sathyabama University	Biometrics-Image Processing	09.03.1998	24.11	Assistant Professor	Professor	01.08.2018	Regular	-	Y	-
3	Dr J.ThamilSelvi	Ph.D	AU Chennai	Biomedical Image Processing	26.12.2002	20.1	Assistant Professor	Professor	01.08.2018	Regular	-	Y	-
4	Dr.E.Priya	Ph.D	AU Chennai	Biomedical Engineering	19.08.2013	9.6	Assistant Professor	Professor	01.08.2018	Regular	-	N	28-02-2023
5	DrS. Brindha	Ph.D	AU Chennai	Radio Over Fiber networks	14.06.1999	23.8	Assistant Professor	Professor	01.06.2019	Regular	-	Y	-

6	DrK. Sumathi	Ph.D	AU Chennai	Biomedical Image Processing	14.09.2005	17.5	Assistant Professor	Professor	01.08.2020	Regular	-	Y	-
7	DrJ.Manikandan	Ph.D	St.Peter's University	VLSI	18.02.2008	14.11	Assistant Professor	Professor	01.02.2019	Regular	-	Y	-
8	DrK. LakshmiJoshi	Ph.D	AU Chennai	Wireless Sensor Networks	06.07.2006	16.7	Assistant Professor	Professor	01.08.2020	Regular	-	Y	-
9	Dr.M. Kanthimathi	Ph.D	AU Chennai	Wireless Communication	21.06.2007	15.8	Assistant Professor	Professor	01.03.2022	Regular	-	N	28-02-2023
10	DrJ.Arunarasi	Ph.D	AU Chennai	Wireless Communication	21.12.2018	4.1	Associate Professor	Professor	01.03.2022	Regular	-	Y	-
11	Dr. M. Baskaran	Ph.D	AU Chennai	Optical Communication	05.11.2020	2.3	Associate Professor	Professor	01.03.2022	Regular	-	Y	-
12	Dr.B. Panjavarnam	Ph.D	AU Chennai	Wireless Networks	03.10.2005	17.4	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-
13	Dr.P. Prakash	Ph.D	AU Chennai	VLSI Design	20.06.2007	14.11	Assistant Professor	Associate Professor	01.08.2010	Regular	-	Y	-
14	Dr.V.Sasikala	Ph.D	VIT	Optical Communication	27.01.2016	7	Assistant Professor	Associate Professor	01.08.2020	Regular	-	Y	-
15	Dr S. Balamurugan	Ph.D	Calicut University	Nano Science and technology	19.11.2020	2.10	Assistant Professor	Associate Professor	01.08.2022	Regular	-	Y	-
16	Ms.A.R. Rajini	M.S	Bits Pilani	Electronics & Controls	06.08.1997	25.6	Assistant Professor	Professor	01.08.2005	Regular	-	Y	-
17	Ms.S.Kohila	M.E	AU Chennai	Avionics	03.06.1996	27	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
18	Ms.G.Sudha	M.E	Sathyabama University	Applied Electronics	05.07.2002	20.7	Assistant Professor	Associate Professor	01.08.2012	Regular	-	Y	-
19	Ms.S.Usha	M.E	AU Chennai	Embedded system Technologies	01.06.2007	15.8	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-

20	Ms.N. Shivaanivars ha	M.E	Sathyabama University	Applied Electronics	21.06.2007	15.8	Assistant Professor	Associate Professor	01.08.2011	Regular	-	Y	-
21	Ms.G. Shanthakumari	M.E	AU Chennai	Embedded System Technologies	01.06.2012	10.8	Assistant Professor	Associate Professor	01.08.2022	Regular	-	Y	-
22	Ms.V.A.Velvizhi	M.E	AU Chennai	Communication System	16.06.2008	14.8	Assistant Professor	Associate Professor	01.08.2022	Regular	-	Y	-
23	Mr.C. Alwin Vinifred	M.E	AU Chennai	Applied Electronics	19.01.2011	12.1	Assistant Professor	Associate Professor	01.08.2022	Regular	-	Y	-
24	Ms.C.N. Savithri	M.E	AU Chennai	Communication Systems	13.06.2011	11.8	Assistant Professor	Associate Professor	01.08.2022	Regular	-	Y	-
25	Ms.N. Nazeeya Anjum	M.E	AU Chennai	Medical Electronics	06.06.2013	9.8	Assistant Professor	Assistant Professor		Regular	-	Y	-
26	Ms.K. Subhashini	M.E	AU Chennai	Medical Electronics	10.10.2007	15.4	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
27	Ms.R.Chitra	M.E	AU Chennai	VLSI Design	03.06.2011	11.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
28	Mr.K. Srinivasan	M. Tech	Sathyabama University	VLSI Design	09.07.2012	10.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
29	Ms.N. Logeswari	M.E	AU Chennai	Embedded System Technologies	10.06.2013	9.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
30	Ms.S. Rajalakshmi	M.E	AU Chennai	Computer Communication	01.9.2009	13.5	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
31	Mr.K. Devibalan	M.E	AU Chennai	Communication Systems	03.06.2011	11.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
32	Ms.S.Gayathri	M. Tech	Bharath University	Applied Electronics	01.10.2012	10.4	Assistant Professor	Assistant Professor	-	Regular	-	Y	-

33	Ms.V.Remya	M.E	AU Chennai	Communication Systems	13.06.2013	9.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
34	Mr.T.Sivasakthi	M.E	AU Coimbatore	Applied Electronics	27.01.2016	7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
35	Ms.S. Saranya	M.E	AU Chennai	VLSI design	27.01.2016	7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
36	Ms.S. Surya	M. Tech	SRM University	Communication systems	16.06.2016	6.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
37	Ms.B. Rajalakshmi	M.E	Sathyabama University	Applied Electronics	16.06.2016	6.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
38	Ms.M. Shabana Parveen	M.E	AU Chennai	Communication systems	15.06.2017	5.8	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
39	Ms.G.Lakshmi	M.E	AU Chennai	Embedded System technologies	06.08.2020	2.6	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
40	Mr.S.Vinoth Kumar	M.E	AU Chennai	VLSI Design	02.11.2020	2.10	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
41	Ms.J. Sandhya	M.E	AU Chennai	Wireless Technology	02.12.2020	2.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
42	Ms.A.Rashmi	M.E	AU Chennai	Applied Electronics	02.12.2020	2.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
43	Ms.V.Myvizhi Selvi	M.E	AU Chennai	Wireless Technology	02.12.2020	2.2	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
44	Dr K Moorthi	Ph.D	AU Chennai	Image Processing	23.06.2022	0.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
45	DrM. Jenath	Ph.D	AU Chennai	Antenna Design	27.06.2022	0.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
46	MrK.Gopi	M.E	AU Chennai	VLSI Design	12.07.2022	0.6	Assistant Professor	Assistant Professor	-	Regular	-	Y	-

47	MrG. Tony Santhosh	M.E	AU Chennai	Applied Electronics	21.07.2022	0.6	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
48	Dr N Anitha	Ph.D	Kalasalingam University	Medical Image Processing	22.07.2022	0.7	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
49	Ms.M.Methini	M.E	AU Chennai	Applied Electronics	21.06.2007	14.11	Assistant Professor	Assistant Professor	-	Regular	-	Y	-
50	Mr.B.Appoon	M.E	AU Chennai	Applied Electronics	03.06.2010	13	Assistant Professor	Assistant Professor	-	Regular	-	N	31.05.2023
51	Mr.D.Senthil Kumar	M.E	AU Chennai	Communication Systems	17.06.2013	10	Assistant Professor	Assistant Professor	-	Regular	-	N	31.05.2023
52	Dr.P.BanuPriya	Ph.D	SRM University	Artificial Intelligence	02.08.2021	1.10	Assistant Professor	Assistant Professor	-	Regular	-	N	31.05.2023
53	DrS. DeepaNivethika	Ph.D	AU Chennai	Reconfigurable Antennas	07.08.2021	1.10	Assistant Professor	Assistant Professor	-	Regular	-	N	31.05.2023
54	Ms. K.Jeyapiriya	M.E	AU Trichy	Communication System	03.06.2010	11.6	Assistant Professor	Assistant Professor	-	Regular	-	N	10.12.2022
55	Mr.J.Prakash	M.E	AU Chennai	Embedded System Technologies	02.06.2014	8	Assistant Professor	Assistant Professor	-	Regular	-	N	01.07.2022

DEPARTMENT OF ELECTRONIC INSTRUMENTATION AND CONTROL ENGINEERING

CURRENT ACADEMIC YEAR (2024-2025)

S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at time joining in this institution	Present Designation	The date on which Designated as Professor/ Associate/ Professor-if any	Nature of Association (Regular/Contract/A d hoc)	If contractual mention Full time or Part-time	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	Dr. B.Sumathy	PhD	ANNA UNIVERSITY	MEDICAL IMAGE PROCESSING	21.06.2007	17	Assistant Professor	Professor	01.06.2019	Regular	-	N	23.6.2024
2	Dr. B. Meenakshi	PhD	ANNA UNIVERSITY	faculty of information and communication	01.06.2024	1	Professor	Professor		Regular	-	Y	-
3	Dr. P. Sivaperumal	PhD	ANNA UNIVERSITY	faculty of information and communication	01.06.2024	1	Associate Professor	Associate Professor	01.06.2024	Regular	-	Y	-
4	Ms.T.Mangayarkarasi	M.E.	Sathyabama Institute of Technology and Science	ELECTRONICS & CONTROL	20.11.2000	23.11	Assistant Professor	HoD & Associate Professor	01.08.2009	Regular	-	Y	-
5	Mr. R. Chithrakkannan	M. Tech	SASTRA	CONTROL AND INSTRUMENTATION	15.12.2003	20.10	Assistant Professor	Associate Professor	02.08.2010	Regular	-	Y	-
6	Ms. S. Gowrishwari	M. Tech	ANNA UNIVERSITY	MEDICAL ELECTRONICS	07.10.2005	19	Assistant Professor	Associate Professor	18.06.2018	Regular	-	Y	-

7	Ms. B. Umamaheswari	ME	ANNA UNIVERSITY	INSTRUMENTATION ENGINEERING	09.06.2010	14.4	Assistant Professor	Assistant Professor		Regular	-	Y	-
8	Mr. R. Ilayaraja	ME	Sathyabama Institute of Technology and Science	ELECTRONICS AND CONTROL	01.10.2012	12	Assistant Professor	Assistant Professor		Regular	-	Y	-
9	Dr. K. Mohanraj	M. Tech	ANNA UNIVERSITY	CONTROL AND INSTRUMENTATION	16.06.2016	8.4	Assistant Professor	Assistant Professor		Regular	-	Y	-

CAYm1-(2023-2024)

S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at time joining in this institution	Present Designation	The date on which Designated as Professor/ Associate/ Professor if any	Nature of Association (Regular/Contract/)	If contractual mention Full time	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	Dr. B.Sumathy	PhD	ANNA UNIVERSITY	MEDICAL IMAGE PROCESSING	21.06.2007	16	Assistant Professor	Professor	01.06.2019	Regular	-	Y	-
2	Ms.T.Mangayarkarasi	M.E.	Sathyabama Institute of Technology and Science	ELECTRONICS & CONTROL	20.11.2000	22.11	Assistant Professor	HoD & Associate Professor	01.08.2009	Regular	-	Y	-

3	Mr. R. Chithrakkanna	M. Tech	SASTRA	CONTROL AND INSTRUMENTATION	15.12.2003	19.10	Assistant Professor	Associate Professor	02.08.2010	Regular	-	Y	-
4	Ms. S. Gowrishwari	M. Tech	ANNA UNIVERSITY	MEDICAL ELECTRONICS	07.10.2005	18	Assistant Professor	Associate Professor	18.06.2018	Regular	-	Y	-
5	Mr. R. Karthikeyan	M.E.,	Sathyabama Institute of Technology and Science	ELECTRONICS & CONTROL	21.12.2011	11.10	Assistant Professor	Associate Professor	01.08.2023	Regular	FULL TIME	N	31.05.2024
6	Ms. G. Jayanthi	ME	ANNA UNIVERSITY	APPLIED ELECTRONICS	02.07.2008	15.3	Assistant Professor	Associate Professor	01.08.2023	Regular	-	N	31.05.2024
7	Ms. B. Umamaheswari	ME	ANNA UNIVERSITY	INSTRUMENTATION ENGINEERING	09.06.2010	13.4	Assistant Professor	Assistant Professor		Regular	-	Y	-
8	Mr. R. Ilayaraja	ME	Sathyabama Institute of Technology and Science	ELCTRONICS AND CONTROL	01.10.2012	11	Assistant Professor	Assistant Professor		Regular	-	Y	-
9	Mr. N. Balaji	M. Tech	ANNA UNIVERSITY	VLSI DESIGN	16.06.2016	7.4	Assistant Professor	Assistant Professor		Regular	-	N	31.05.2024
10	Mr. K. Mohanraj	M. Tech	ANNA UNIVERSITY	CONTROL AND INSTRUMENTATION	16.06.2016	7.4	Assistant Professor	Assistant Professor		Regular	-	Y	-

CAYm2-(2022-2023)

S.No	Name of the Faculty	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at time joining in this institution	Present Designation	The date on which Designated as Professor/ Associate/ Professor if any	Nature of Association (Regular/Contract/Ad hoc)	If contractual mention Full time or Part time	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	Dr. B.Sumathy	PhD	ANNA UNIVERSITY	MEDICAL IMAGE PROCESSING	21.06.2007	15	Assistant Professor	Professor	01.06.2019	Regular	-	Y	-
2	Ms.T.Man gayarkarasi	M.E.	Sathyabama Institute of Technology and Science	ELECTRONICS & CONTROL	20.11.2000	21.11	Assistant Professor	HoD & Associate Professor	01.08.2009	Regular	-	Y	-
3	Mr. R. Chithrakannan	M. Tech	SASTRA	CONTROL AND INSTRUMENTATION	15.12.2003	18.10	Assistant Professor	Associate Professor	02.08.2010	Regular	-	Y	-
4	Ms. S. Gowrishwari	M. Tech	ANNA UNIVERSITY	MEDICAL ELECTRONICS	07.10.2005	17	Assistant Professor	Associate Professor	18.06.2018	Regular	-	Y	-
5	Mr. R. Karthikeyan	M.E.,	Sathyabama Institute of Technology and Science	ELECTRONICS & CONTROL	21.12.2011	10.10	Assistant Professor	Associate Professor	01.08.2023	Regular	-	Y	-

6	Ms. G. Jayanthi	ME	ANNA UNIVERSITY	APPLIED ELECTRONICS	02.07.2008	14.3	Assistant Professor	Associate Professor	01.08.2023	Regular	-	Y	-
7	Ms. B. Umamaheswari	ME	ANNA UNIVERSITY	INSTRUMENTATION ENGINEERING	09.06.2010	12.4	Assistant Professor	Assistant Professor		Regular	-	Y	-
8	Mr. R. Ilayaraja	ME	Sathyabama Institute of Technology and Science	ELECTRONICS AND CONTROL	01.10.2012	10	Assistant Professor	Assistant Professor		Regular	-	Y	-
9	Mr. N. Balaji	M. Tech	ANNA UNIVERSITY	VLSI DESIGN	16.06.2016	6.4	Assistant Professor	Assistant Professor		Regular	-	Y	-
10	Mr. K. Mohanraj	M. Tech	ANNA UNIVERSITY	CONTROL AND INSTRUMENTATION	16.06.2016	6.4	Assistant Professor	Assistant Professor		Regular	-	Y	-

C2: Student Faculty Ratio (SFR)

Table No C2.1: Student Faculty Ratio

Year	CAY (2024-2025)	CAYm1 (2023-2024)	CAYm2 (2022-2023)
UG ₁ . B (EIE 2 nd year)	96 (90+6+0)	90(90+0+0)	91(90+1+0)
UG ₁ . C (EIE 3 rd year)	90 (90+0+0)	91(90+1+0)	93(90+3+0)
UG ₁ . D (EIE 4 th year)	91 (90+1+0)	93(90+3+0)	90(90+0+0)
UG₁ (EIE Total)	277	274	274
UG ₂ . B (ECE 2 nd year)	244(240+4+0)	248(240+8+0)	249(240+9+0)
UG ₂ . C (ECE 3 rd year)	248(240+8+0)	249(240+9+0)	249(240+9+0)
UG ₂ . D (ECE 4 th year)	249(240+9+0)	249(240+9+0)	250(240+10+0)
UG₂ (ECE Total)	741	746	748
UG ₃ . B (EICE 2 nd year)	33(30+3+0)	31(30+1+0)	32(30+2+0)
UG ₃ . C (EICE 3 rd year)	31(30+1+0)	32(30+2+0)	30(30+0+0)
UG ₃ . D (EICE 4 th Year)	32(30+2+0)	30(30+0+0)	30(30+0+0)
UG₃ (EICE Total)	96	93	92
PG ₁ . A (ME-CS 1 st year)	6	6	12
PG ₁ . B (ME-CS 2 nd year)	6	12	18
PG₁ (ME-CS Total)	12	18	30
PG ₂ . A (ME-EST 1 st year)	6	6	12
PG ₂ . B (ME-EST 2 nd year)	6	12	18
PG₂ (ME-EST Total)	12	18	30
DS=Total no. of students in all UG and PG programs in the Department	277	274	274
AS=Total no. of students of all UG and PG programs in allied departments	861	875	900
S=Total no. of students in the Department (DS) and allied departments (AS)	1138	1149	1174
DF=Total no. of faculty members in the Department	17	18	18
AF= Total no. of faculty members in the allied Departments	57	60	61
F=Total no. of faculty members in the Department(DF) and allied Departments (AF)	74	78	79

FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	15.38	14.73	14.86
Average SFR for 3 years	Average SFR=(15.38+14.73+14.86)/3= 14.99		

C3: Faculty Qualification

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQI= 2.5 * [(10X +4Y)/RF]
CAY (2024-2025)	27	47	57	20.08
CAYm1 (2023-2024)	24	54	57	20.00
CAYm2 (2022-2023)	23	56	59	19.24
Average Assessment				19.77

C4: Faculty Cadre Proportion

Table No.C4.1: Faculty cadre proportion details.

Year	Professors		Associate Professors		Assistant Professors	
	Required Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
CAY (2024-2025)	6	13 (3+9+1)	12	13 (4+8+1)	39	48(10+32+6)
CAYm1 (2023-2024)	6	13 (3+9+1)	12	8 (4+4+0)	39	57(11+37+9)
CAYm2 (2022-2023)	7	13 (3+9+1)	13	5(2+3+0)	39	61(13+39+9)
Average Numbers	RF1=6.33	AF1 = 13	RF2=12.33	AF2=8.7	RF3=39	AF3=55

C5: Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1				
1				
..				
Total no. of hours:				
CAYm2				

1				
..				
Total no. of hours:				
CAYm3				
1				
..				
Total no. of hours:				

C6: Academic Research

Table No. C6.1: Faculty publication details.

S.N.	Item	CAYm1 (2023- 2024)	CAYm2 (2022- 2023)	CAYm3 (2021- 2022)
1	No. of peer reviewed journal papers published	6	1	1
2	No. of peer reviewed conference papers published	63	19	23
3	No. of books/book chapters published	2	0	0

C7: Sponsored Research Project

Table No. C7.1: List of sponsored research projects received from external agencies.

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1 (2023-2024)							
1	Dr.C.Komathi	Dr.S.Durgadevi	EIE	Design and Development of Energy Efficient PFC Circuit For On-Board E-Vehicle Charger using Interleaved DC-DC SEPIC Converter	DST - SERB	3 Years	3.95
2	Dr.K.Renganathan	-	EIE	E- waste Management System	TNSDC, Niral Thruvizha	6 months	0.1
3	Dr.S.Durgadevi	-	EIE	Microbial Fuel Cell Design for production of Bioelectricity	TNSDC, Niral Thruvizha	6 months	0.1

				and waste water treatment			
4	Dr.K.Anbumani	-	EIE	Fault Analysis of the Solar Panel	TNSDC, Niral Thruvizha	6 months	0.1
5	Ms.N.Nithyarani	-	EIE	Smart E-vehicle for person with disabilities	TNSDC, Niral Thruvizha	6 months	0.1
Amount received (Rs.)							4.35
CAYm2 (2022-2023)							
1	Dr.C.Komathi	Dr.S.Durgadevi	EIE	Design and Development of Energy Efficient PFC Circuit For On-Board E-Vehicle Charger using Interleaved DC-DC SEPIC Converter	DST - SERB	3 Years	18.16
2	Dr. C. Komathi		UTP Matching Research Grant	Design and development of IoT based Adaptive Fuzzy PI controller for Regenerative braking of E-vehicles	UTP Matching Research Grant	1 year	40000 Malaysian Ringgits (Rs. 7.86 Lakhs)
Amount received (Rs.)							26.02
CAYm3 (2021-2022)							
1	Dr.C.Komathi	Dr.S.Durgadevi	EIE	Design and Development of Energy Efficient PFC Circuit For On-Board E-Vehicle Charger using Interleaved DC-DC SEPIC Converter	DST - SERB	3 Years	SANCTIONED
Amount received (Rs.)							-
Total Amount (Lacs) Received for the Past 3 Years							30.37

C8: Consultancy Work

Table No. C8.1: List of consultancy projects received from external agencies.

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1 (2023-2024)							
1	Dr. K. Renganathan	-	EIE	Semi adjustable articulator with lingual illuminator	Chettinad Dental College	6 months	0.50
2	Dr. K. Renganathan	-	EIE	Mobile app for oral health	Chettinad Dental College	6 months	0.25
Amount received (Rs)							0.75
CAYm2 (2022-2023)							
1.	Dr. S. Durgadevi	-	EIE	OPTIMIZATION OF CONTROLLER FOR LEVEL PROCESS	ARK AUTOMATION SYSTEMS	6 months	0.30
2.	Ms.K. Thirupurasundari	-	EIE	DESIGN OF ENERGY EFFICIENT LED LIGHTING SYSTEM	ARK AUTOMATION SYSTEMS	6 months	0.30
3.	Ms.S. Subha	-	EIE	A one day training for electricians	Infimind Institute of Skill Development Pvt. Ltd.	1 Day	0.12
Amount received (Rs)							0.72
Total amount (in Lakhs) received for the past three years							1.47

C9: Institution Seed Money or Internal Research Grant to its Faculty for Research

C9.1: List of faculty members received seed money or internal research grant from the Institution.

S.N.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
CAYm1 (2023-2024)						
1.	Dr.S.Durgadevi	Design and Development of Energy Efficient PFC Circuit For On-Board E-Vehicle Charger using Interleaved DC-DC SEPIC Converter	1 YEAR	3.20	3.20	The developed onboard charger can be used for research purpose
Amount received (Rs.)					3.20 Lakhs	
CAYm2 (2022-2023)						
1.	Dr.K.Renganathan	Design of Mars Rover	1 YEAR	1.09	1.09	Secured Second prize in Mars rover challenge
Amount received (Rs.)					1.09 Lakhs	
Total amount (Lacs) received for the past 3 years					4.29	

PART-D: Laboratory Infrastructure in the Department

D1: Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

S.N.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the major equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1.	Electronics Laboratory Analog Electronic Circuits Laboratory (20E IPL302) 3rd Sem	3(30)	1.Circuit Simulation Software Pspice (25) 2.Circuit Simulation Software Matlab (5) 3. Pc (30) 4. Function Generators (20) 5. Regulated Power Supply: 0 – 15 V D.C (20) 6. CRO (10) 7. Storage Oscilloscope (2)	Weekly Utilization Status Odd-60% Even-0%	Mr.K.Tamilarasan Mr.B.Purushothaman	Lab Technician Lab Assistant	D.E.E.E. ITI
2	Industrial Automation Laboratory INDUSTRIAL AUTOMATION LABORATORY 20E IPL701 7th sem	3 (30)	1.Programmable Logic controller-PLC (5) 2.Programmable Logic controller Software (5) 3.DAQ card (2) 4.Filling / Draining System (1) 5. Traffic Light Controller (3) 6. DC Motor - Direction control (3) 7. Personal computer (10) 8.DCS along with Interface modules LM723 (1) 9. Level Process & Flow Process	Weekly Utilization status - 60% (Odd) Even-0%	Mr.K.Tamilarasan	Lab Technician	D.E.E.E.

			stations (1) 10.Thermal Process -On/Off control(1)					
3	MICROPROCESSORS AND MICROCONTROLLERS LABORATORY MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	3(30)	1.8085 Microprocessor Trainer with Power Supply (15) 2.8051 Microcontroller Trainer Kit with power supply (15) 3.8255 Interface board (5) 4.8251 Interface board (5) 5.8259 Interface board (5) 6.8279 Keyboard / Display Interface board (5) 7.8254 timer counter (5) 8.ADC and DAC card (5) 9.AC & DC motor with Controller (5) 10.Traffic Light Control System (5)	Weekly Utilization status -60% (Odd)	Ms. Udhaya	M. M.	System programme r	M.S.C.,MPHIL
4	EMBEDDED SYSTEMS LABORATORY (20EIPL601) 6th sem	3(30)	1. C / C++ / Java / Embedded C / Embedded Java / Compilers & Platforms. (5) 2.8051 Micro controllers with peripherals; IDE, Board Support Software Tools / C Compiler. (5) 3. 8051 Micro controllers with M;P; peripherals; Board Support Software Tools, peripherals with interface. (5)	Weekly Utilization status -60% (Even)	Ms. Udhaya	M. M.	System programme r	M.S.C.,M.PHIL

			<p>4. AVR / PIC Micro controllers with peripherals; IDE, Board Support Software Tools / C Compiler. (5)</p> <p>5.Arduino Boards with peripherals; IDE, Board Support Software Tools (5)</p> <p>6. Simulation Tools such as Proteus / ORCAD (5)</p>				
5	<p>MEASUREMENTS AND TRANSDUCERS LABORATORY</p> <p>SENSORS AND TRANSDUCERS LABORATORY (20EIPL301) 3rd sem</p>	3(30)	<p>1.Measurement of linear displacement using potentiometer (1)</p> <p>2 Strain Gauge and load cell characterization and application (1)</p> <p>3 LVDT and Photoelectric Tachometer (1)</p> <p>4 Hall effect characterization and application (1)</p> <p>5 Measurement of angular displacement (2)</p> <p>6. Thermistor characterization and application (1)</p> <p>7.Various types of thermocouple and RTD characterization and application (1)</p> <p>8. Measurement of power and energy(5)</p>	<p>Weekly Utilization status 80% (Odd)</p> <p>Weekly Utilization status 0% (Even)</p>	Ms. R. Sutha	Lab Technician	D.E.C.E.

6	INDUSTRIAL INSTRUMENTATION LABORATORY (EI8561) INDUSTRIAL INSTRUMENTATION LABORATORY (20ICPL501) 5th sem	3(30)	1.Orifice plate (2) 2.Dead weight tester with pressure gauge (1) 3.Torque trainer (1) 4.Saybolt Viscometer(1) 5.Vacuum gauge (1) 6.DP transmitter (1) 7.UV - Visible spectrophotometer (1) 8.pH meter (1) 9.Conductivity meter (1) 10.Pulse rate trainer (1)	Weekly Utilization status -60% (Odd) Weekly Utilization status -0% (Even)	Ms. Sumathi R.	Lab Technician	Diploma in Instrumentation Technology
7	PROCESS CONTROL LABORATORY (EI8661) Room no B2502 B Block 1st floor PROCESS CONTROL LABORATORY (20ICPL601) 6th semester	3(30)	1.Flow process station with all accessories (1) 2.Analog / Digital PID controller (2) 3.Control valve trainer (with positioner for varying Pressure across the valve) (1) 4. Flow meter (7) 5.Level process station with all accessories (3) 6.Temperature process station with all accessories (1) 7.Pressure process station with all accessories (1) 8.MATLAB software (5) 9.Personal computer (25) 10.Two tank system (2)	Weekly Utilization status -60% (Even) Weekly Utilization status -0% (Odd)	Ms. Sumathi R.	Lab Technician	Diploma in Instrumentation Technology

D2: `Safety Measures in Laboratories

Table No. D2.1: List of various safety measures in laboratories.

S.N.	Name of the Laboratory	Safety measures
1.	Measurements and Transducers Laboratory	Fire Extinguisher First aid kit
2	Microprocessors and Microcontrollers laboratory	Emergency Power Cutoff Switch (Circuit breaker)
3	Electronics Laboratory	Dos and Don'ts
4	Industrial Instrumentation Laboratory	Boards
5	Design Project Laboratory	Proper Ventilation
6	Process Control Laboratory	Regular Safety Audits & Equipment Checks
7	Project Laboratory	Safety Training & Emergency Drills (Fire, Electrical Hazards, First Aid)
8	Industrial Automation Laboratory	No Food/Drink Policy in Work Areas
9	Research Laboratory	Insulated Tools & PPE (Gloves) Safety Signage (High Voltage etc.)

D3: Project Laboratory/Research Laboratory

Table No. D3.1: List of project laboratory/research laboratory /Centre of Excellence.

S.N.	Name of the Laboratory
1	PROJECT LABORATORY
2	RESEARCH LABORATORY
3	CENTRE OF EXCELLENCE (SPACE TUG)

PART E: First Year faculty and financial Resources.

E1: First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members $((NS1*0.8) + (NS2*0.2)) / (\text{No. of required faculty (RF4)})$; Percentage= $((NS1*0.8) + (NS2*0.2)) / RF4$
CAY (2024-2025)	1770	89	82	15	77.51%
CAYm1 (2023-2024)	1680	84	72	18	72.86%
CAYm2 (2022-2023)	1560	78	71	13	76.15%
Average Percentage					75.51%

E2: Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budgeted in 2024-2025	Actual expenses in 2024-2025 till Feb'25	Budgeted in 2023-2024	Actual expenses in 2023-2024	Budgeted in 2022-2023	Actual expenses in 2022-2023	Budgeted in 2021-2022	Actual expenses in 2021-2022
Infrastructure Built-Up	1125.00	1490.64	1600.00	2225.04	825.00	791.30	175.00	106.30
Library	35.00	29.57	55.00	42.75	55.00	53.84	75.00	77.98
Laboratory equipment	530.00	569.70	317.50	557.70	345.00	338.36	240.00	299.27
Teaching and non-teaching staff salary	5040.00	5182.48	4205.00	4379.40	3780.00	3542.78	3354.00	3206.16
Outreach Programs	125.00	137.00	150.00	160.63	115.00	162.31	47.00	59.07
R&D	185.00	187.85	185.00	206.72	142.00	188.37	71.00	68.63
Training, Placement and Industry linkage	135.00	129.73	230.00	186.58	205.00	208.12	95.00	86.99
SDGs	94.00	95.40	80.00	78.94	45.00	85.39	23.00	19.02
Entrepreneurship	95.00	95.00	80.00	78.95	75.00	80.09	20.00	22.81
Others*, pl. specify	3239.86	3507.19	2961.05	3242.00	2078.95	2191.08	1032.56	1206.98
Total amount	10603.86	11424.56	9863.55	11158.71	7665.95	7641.64	5132.56	5153.21

E3: Budget Allocation, Utilization, and Public Accounting at Program Specific Level
Table No.

E3.1: Budget and actual expenditure incurred at program level.

Items	Budgeted in 2024-25	Actual expenses in 2024-25 till Feb'25	Budgeted in 2023-24	Actual expenses in 2023-24	Budgeted in 2022-23	Actual expenses in 2022-23	Budgeted in 2021-22	Actual expenses in 2021-22
Laboratory equipment	3425000	2327278	2650000	2539735	2050000	1372663	575000	348782
Software	775000	939398	1050000	915196	400000	449332	125000	151446
SDGs	500000	549410	600000	474229	500000	541699	100000	117638
Support for faculty development	375000	355624	550000	474327	700000	792446	125000	141063
R & D	1075000	1081835	1275000	1241931	750000	816766	400000	424422
Industrial Training, Industry expert, Internship	875000	747095	1250000	1120930	1200000	1320302	500000	537958
Miscellaneous expenses *	7350000	7704137	7000000	7348736	4250000	4693479	2250000	2525201
Total amount	14,375,000	13,704,777	14,375,000	14,115,084	9,850,000	9,986,687	4,075,000	4,246,510