NATIONAL BOARD OF ACCREDITATION

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

Program Name : Electronics & Communication Engineering	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 1
Application No: 10763	**Date of Submission**: 07-08-2026

PART A- Profile of the Institute

A1.Name of the Institute: Dhanalakshmi Srinivasan Engineering College	
Year of Establishment : 2001	Location of the Institute: Perambalur
A2. Institute Address:No.3 Thuraiyur Road, Perambalur, Tamilnadu India	
City:Perambalur	State:Tamil Nadu
Pin Code:621212	Website:www.dsengg.ac.in
Email:dsengg_p28@yahoo.co.in	Phone No(with STD Code):04328-220444
A3. Name and Address of the Affiliating University (if any):	
Name of the University : AICTE	City: Chennai
State : Tamil Nadu	Pin Code: 600025
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

A6. Details of all Programs being Offered by the Institution:

- No. of UG programs: **17**
- No. of PG programs: **6**

Table No. A6.1: List of all programs offered by the Institute.

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Computer Application	PG	Master of Computer Application	2005	--	Computer Application
2	Engineering & Technology	UG	Aeronautical Engineering	2006	--	Aeronautical Engineering
3	Engineering & Technology	UG	Aerospace Engineering	2018	2023	Aerospace Engineering
4	Engineering & Technology	UG	Agricultural Engineering	2021	2025	Agricultural Engineering
5	Engineering & Technology	UG	Artificial Intelligence and Data Science	2020	--	Artificial Intelligence and Data Science
6	Engineering & Technology	UG	Biomedical Engineering	2005	--	Biomedical Engineering
7	Engineering & Technology	UG	Biotechnology	2022	2025	Biotechnology
8	Engineering & Technology	PG	CAD/CAM	2011	--	Mechanical Engineering

9	Engineering & Technology	UG	Chemical Engineering	2017	2025	Chemical Engineering
10	Engineering & Technology	UG	Civil Engineering	2008	--	Civil Engineering
11	Engineering & Technology	PG	Communication Systems	2006	--	Electronics and Communication Engineering
12	Engineering & Technology	PG	Computer Science and Engineering	2006	--	Computer Science and Engineering
13	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
14	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2023	--	Computer Science and Engineering (Cyber Security)
15	Engineering & Technology	UG	Electrical & Electronics Engineering	2002	--	Electrical and Electronics Engineering
16	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
17	Engineering & Technology	UG	Food Technology	2018	--	Food Technology
18	Engineering & Technology	UG	Information Technology	2001	--	Information Technology
19	Engineering & Technology	UG	Mechanical Engineering	2005	--	Mechanical Engineering
20	Engineering & Technology	UG	Pharmaceutical Engineering and Technology	2019	2025	Pharmaceutical Engineering and Technology
21	Engineering & Technology	PG	Power Electronics and Drives	2011	--	Electrical and Electronics Engineering
22	Engineering & Technology	UG	Robotics and Automation	2017	2025	Robotics and Automation
23	Management	PG	Master of Business Administration	2005	--	Management

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Electronics and Communication Engineering	Yes	Electronics & Communication Engineering	UG

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)

Allied Department/Cluster Name	Program Name	Program Level
Robotics and Automation	Robotics and Automation	UG

PART-B: Program information

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

Table No. B1: Program details.
A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Electronics & Communication Engineering	UG	2001 / --	60	Yes	2023	180	2023	AICTE	Granted accreditation for 3 years for the period (specify period)	2018	2021	2	4

Sanctioned Intake for Last Five Years for the Communication Systems	
Academic Year	**Sanctioned Intake**
2024-25	180
2023-24	180
2022-23	120
2021-22	120
2020-21	120
2019-20	120

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Robotics and Automation	Robotics and Automation	UG	2017 / 2025	60	Yes	30	30	30	AICTE	Not eligible for accreditation	--	--	0	4

Sanctioned Intake for Last Five Years for the Robotics and Automation	
Academic Year	**Sanctioned Intake**
2024-25	30
2023-24	30
2022-23	60
2021-22	60
2020-21	60
2019-20	60

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

A. Name of the HoD :	Dr.RAJESWARI P

B. Nature of appointment:	Regular
C. Qualification:	M.E. and Ph.D.

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2020-21 (CAYm4)	2019-20 (CAYm5)	2018-19 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	180	180	120	120	120	120	180
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	181	189	126	125	69	69	63
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	12	11	8	17	3	3
N3=Separate division if any	0	0	0	0	0	1	2
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	181	201	137	133	86	73	68

CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4. Enrolment Ratio in the First Year

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

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2024-25 (CAY)	180	181	0	100.56
2023-24 (CAYm1)	180	189	0	105.00
2022-23 (CAYm2)	120	126	0	105.00

Average [(ER1 + ER2 + ER3) / 3] = 103.52≡ 100

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	(2020-21) LYG	(2019-20) LYGm1	(2018-19) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd 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).	137.00	123.00	183.00
B=No. of students who graduated from the program in the stipulated course duration	67.00	61.00	55.00
Success Rate (SR)= (B/A) * 100	48.91	49.59	30.05

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 42.85

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(2023-24)	CAYm2(2022-23)	CAYm3 (2021-22)
Mean of CGPA or mean percentage of all successful students(X)	8.04	8.09	7.53
Y=Total no. of successful students	126.00	75.00	71.00
Z=Total no. of students appeared in the examination	189.00	126.00	125.00
API [X*(Y/Z)]	5.36	4.82	4.28

Average API[(AP1+AP2+AP3)/3] : 4.82

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 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
X=(Mean of 2nd 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 2rd year/10)	7.96	7.67	7.91
Y=Total no. of successful students	76.00	58.00	68.00
Z=Total no. of students appeared in the examination	86.00	88.00	83.00
API [X * (Y/Z)]	7.03	5.06	6.48

Average API [(AP1 + AP2 + AP3)/3] : 6.19

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 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
X=(Mean of 3rd 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 3rd year/10)	7.81	7.73	7.97
Y=Total no. of successful students	56.00	67.00	61.00
Z=Total no. of students appeared in the examination	58.00	68.00	63.00
API [X*(Y/Z)]:	7.54	7.62	7.72

Average API [(AP1 + AP2 + AP3)/3] : 7.63

B9. Placement, Higher Studies, and Entrepreneurship

Table No.B9.1: Placement, higher studies, and entrepreneurship details.

Item	LYG (2020-21)	LYGm1(2019-20)	LYGm2(2018-19)
FS*=Total no. of final year students	137.00	123.00	183.00
X=No. of students placed	80.00	56.00	47.00
Y=No. of students admitted to higher studies	15.00	16.00	13.00
Z= No. of students taking up entrepreneurship	2.00	2.00	3.00

Placement Index(P) = (((X + Y + Z)/FS) * 100):	70.80	60.16	34.43

Average Placement Index = (P_1 + P_2 + P_3)/3: 55.13 Placement Index Points:

PART C: Faculty Details in Department and Allied Departments

(Data to be filled in for the Department and Allied Departments)

C1. Faculty details of Department and Allied Departments

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

Sr.No	Name of the Faculty	PAN No.	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)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr.YOGESHWARAN A	XXXXXXX40M	M.E. and Ph.D.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	20/06/2011	15.1	Assistant Professor	Associate Professor	22/04/2024	Regular	Yes		No
2	KHADAR BASHA N	XXXXXXX32G	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	26/06/2013	11.11	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Dr.RAJESWARI P	XXXXXXX62P	M.E. and Ph.D.	ANNA UNIVERSITY	COMPUTER AND COMMUNICATION	26/06/2008	16.11	Lecturer	Associate Professor	18/07/2018	Regular	Yes		Yes
4	Dr.KARTHIGA B	XXXXXXX36L	M.E. and Ph.D.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	07/06/2017	8	Associate Professor	Professor	30/04/2025	Regular	Yes		No
5	Dr.REKHA M	XXXXXXX49C	M.E. and Ph.D.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	12/07/2018	6.11	Assistant Professor	Associate Professor	22/04/2024	Regular	Yes		No
6	Mr.SATHISH KUMAR C	XXXXXXX11J	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	12/07/2018	6.11	Assistant Professor	Associate Professor	27/06/2023	Regular	Yes		No
7	Mr.BOOPATHY T	XXXXXXX47L	M.E.	PERIYAR MANIAMMAI UNIVERSITY	POWER ELECTRONICS AND DRIVES	01/07/2013	11.11	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mrs.GAYATHRI R	XXXXXXX48A	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	10/06/2019	6	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mrs.SASIKALA S	XXXXXXX34G	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	12/06/2019	6	Assistant Professor	Assistant Professor		Regular	Yes		No

10	Mrs.SUJITHA B	XXXXXXX18D	M.E.	ANNA UNIVERSITY	VLSI DESIGN	28/04/2022	4.3	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mrs.NOORJAHAN M	XXXXXXX38K	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	28/04/2022	4.3	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mrs.SARITHA M	XXXXXXX78K	M.E.	ANNA UNIVERSITY	VLSI DESIGN	18/07/2018	8	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Ms.ABINAYA R	XXXXXXX99E	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	30/06/2023	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mrs.PARIMALA A	XXXXXXX19G	M.E.	ANNA UNIVERSITY	APPLIED ELECTRONICS	06/06/2024	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr,PRAKASH R	XXXXXXX49A	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	05/08/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mrs SUSIDRA S	XXXXXXX43L	M.E.	ANNA UNIVERSITY	VLSI DESIGN	15/05/2023	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mrs.MITHRA DEVI M	XXXXXXX38G	M.E.	ANNA UNIVERSITY	VLSI DESIGN	05/06/2017	8	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mr.VIJAYABASKAR A	XXXXXXX63K	M.E.	ANNA UNIVERSITY	VLSI DESIGN	18/07/2020	6	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mrs.SIVAPRIYA P	XXXXXXX59N	M.E.	ANNA UNIVERSITY	EMBEDDED SYSTEMS	18/07/2022	4	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms.SATHYAKALA D	XXXXXXX92A	M.E.	ANNA UNIVERSITY	VLSI DESIGN	26/06/2013	11.11	Assistant Professor	Associate Professor	26/06/2017	Regular	Yes		No
21	Mr.SATHYAMOORTHY S	XXXXXXX73C	M.Tech	VEL TECH DR RR ANA DR SR TECHNICAL UNIVERSITY	VLSI DESIGN	20/06/2011	13.11	Assistant Professor	Associate Professor	20/06/2017	Regular	Yes		No
22	Dr. VISHALATCHI K	XXXXXXX78D	M.E. and Ph.D.	ANNA UNIVERSITY	ELECTROMAGNETIC INTERFERENCE AND COMPATABILITY	16/09/2020	4.8	Professor	Professor		Regular	Yes		No
23	Dr.BRINDHA P	XXXXXXX45L	M.E. and Ph.D.	KARPAGAM UNIVERSITY	VLSI DESIGN	26/06/2023	1.11	Professor	Professor		Regular	Yes		No
24	Dr.PRAKASH P	XXXXXXX88C	M.E. and Ph.D.	ANNA UNIVERSITY	VLSI DESIGN	26/06/2023	1.11	Professor	Professor		Regular	Yes		No
25	Mrs.NITHIYA S	XXXXXXX70G	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	16/07/2012	12.10	Assistant Professor	Assistant Professor		Regular	Yes		No

26	Mrs.SUGANYA K	XXXXXXX50N	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	26/06/2015	9.11	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Mr.PRABAKARAN V	XXXXXXX36N	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	05/02/2016	9.4	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Mrs.SUBITCHA K	XXXXXXX84N	M.E.	ANNA UNIVERSITY	VLSI DESIGN	13/06/2018	7	Assistant Professor	Assistant Professor		Regular	Yes		No
29	MR.RICHARD K	XXXXXXX17F	M.E.		APPLIED ELECTRONICS	28/06/2018	6.11	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Mrs.GULAFINI L	XXXXXXX67R	M.E.	ANNA UNIVERSITY	VLSI DESIGN	18/07/2020	6	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Dr SHIEK AALAM S	XXXXXXX74P	M.E. and Ph.D.	ANNA UNIVERSITY	COMMUNICATION ENGINEERING	04/01/2021	3.4	Professor	Professor	04/01/2021	Regular	No	25/05/2024	No
32	Dr BAVITHRA K B	XXXXXXX59Q	M.E. and Ph.D.	ANNA UNIVERSITY	VLSI DESIGN	28/06/2018	5.10	Associate Professor	Associate Professor	28/06/2018	Regular	No	25/05/2024	No
33	Dr ANBUMOZHI S	XXXXXXX90D	M.E. and Ph.D.	ANNA UNIVERSITY	EMBEDDED SYSTEM TECHNOLOGIES	16/12/2019	4.5	Professor	Professor	16/12/2019	Regular	No	25/05/2024	No
34	Mrs. VIJAYASHANTHI T	XXXXXXX31K	M.E.	ANNAMALAI UNIVERSITY	PROCESS CONTROL INSTRUMENTATION ENGINEERING	26/06/2014	8.11	Associate Professor	Associate Professor		Regular	No	26/05/2023	No
35	Mr YOGANAND K	XXXXXXX52M	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	16/07/2012	10.10	Associate Professor	Associate Professor		Regular	No	26/05/2023	No
36	Mrs. KIRUTHIKA R	XXXXXXX74N	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	26/06/2019	3.11	Assistant Professor	Assistant Professor		Regular	No	26/05/2023	No
37	Mr.RAGHAVENDRA MALAPATI	XXXXXXX31D	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	26/06/2019	3.11	Assistant Professor	Assistant Professor		Regular	No	26/05/2023	No
38	Ms.MAHALAKSHMI B	XXXXXXX56D	M.E.	ANNA UNIVERSITY	VLSI DESIGN	26/06/2019	3.11	Assistant Professor	Assistant Professor		Regular	No	26/05/2023	No
39	Mrs RAMYA L	XXXXXXX41J	M.E.	ANNA UNIVERSITY	VLSI DESIGN	26/06/2019	3.11	Assistant Professor	Assistant Professor		Regular	No	26/05/2023	No
40	Dr.GOPINATHAN R	XXXXXXX84F	M.E. and Ph.D.	KARPAGAM UNIVERSITY	COMMUNICATION AND NETWORKING	02/12/2022	0.5	Associate Professor	Associate Professor	02/12/2022	Regular	No	26/05/2023	No
41	Dr ARUN J	XXXXXXX86F	M.E. and Ph.D.	ANNA UNIVERSITY	WIRELESS COMMUNICATION	14/10/2020	2.7	Associate Professor	Associate Professor	14/10/2020	Regular	No	26/05/2023	No

42	Ms KOKILA P	XXXXXXX88F	M.E.	ANNAMALAI UNIVERSITY	POWER SYSTEM ENGINEERING	13/12/2019	3.5	Associate Professor	Associate Professor	13/12/2019	Regular	No	26/05/2023	No
43	Dr.SREE K V M	XXXXXXX51E	M.E. and Ph.D.	ANNA UNIVERSITY	WIRELESS TECHNOLOGIES	03/05/2023	2.1	Professor	Professor	03/05/2023	Regular	Yes		No
44	Dr.M.RAMASUBRAMANIAN	XXXXXXX02Q	M.E. and Ph.D.	ANNA UNIVERSITY	PROCESS CONTROL	10/06/2024	1	Associate Professor	Associate Professor	10/06/2024	Regular	Yes		No
45	Dr.K.KALAISELVAN	XXXXXXX78C	M.E. and Ph.D.	ANNA UNIVERSITY	POWER ELECTRONICS AND DRIVES	06/06/2025	0	Professor	Professor	06/06/2025	Regular	Yes		No
46	Mrs.R.MENAHA	XXXXXXX87L	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	01/07/2021	5.1	Assistant Professor	Assistant Professor		Regular	Yes		No
47	Mr.KUMAR N	XXXXXXX49E	M.E.	ANNA UNIVERSITY	VLSI DESIGN	03/06/2024	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
48	Mrs.MUTHAMILSELVI N	XXXXXXX68B	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	15/05/2023	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
49	Ms SIVASAKTHI	XXXXXXX72B	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	18/07/2022	4	Assistant Professor	Assistant Professor		Regular	Yes		No
50	Ms MUHILARASI N	XXXXXXX03N	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	27/06/2025	0	Assistant Professor	Assistant Professor		Regular	Yes		No
51	Mrs KRISHNAVENI R	XXXXXXX66J	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	27/06/2024	1	Assistant Professor	Assistant Professor		Regular	Yes		No

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

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	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)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr BINOJ J S	XXXXXXX27N	NA	Ph.D	ANNA UNIVERSITY	MANUFACTURING ENGINEERING	27/07/2022	3	Professor	Professor	27/07/2022	Regular	No	31/07/2025	Yes
2	DR. SIVANESAN D	XXXXXXX33Q	NA	Ph.D	ANNA UNIVERSITY	MECHANICAL ENGINEERING	27/07/2022	3	Associate Professor	Associate Professor	27/07/2022	Regular	No	31/07/2025	No
3	MR. SUJITH REDDY ALLURU	XXXXXXX47D	NA	M.E.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ROBOTICS	12/06/2019	6.1	Assistant Professor	Assistant Professor		Regular	No	31/07/2025	No

4	MR. VISHNU H	XXXXXXX34C	NA	M.E.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ROBOTICS	08/01/2020	5.6	Assistant Professor	Assistant Professor		Regular	No	01/08/2025	No
5	Mr ABRAHAM MUTHU NAYAGAM	XXXXXXX75D	NA	M.Tech	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ROBOTICS	06/12/2019	5.7	Assistant Professor	Assistant Professor		Regular	No	01/08/2025	No
6	Mr SUNDARESAN	XXXXXXX27B	NA	M.E.	Bharathidasan University	MANUFACTURING ENGINEERING	27/07/2022	4	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr CHELLADURAI M	XXXXXXX37D	NA	M.E.	ANNA UNIVERSITY	ENGINEERING DESIGN	22/07/2022	3	Assistant Professor	Assistant Professor		Regular	No	01/08/2025	No
8	Mr SATHIYARAJ R	XXXXXXX07F	NA	M.Tech	SASTRA UNIVERSITY	THERMAL ENGINEERING	13/06/2018	7.1	Assistant Professor	Assistant Professor		Regular	No	31/07/2025	No
9	Mr SILAMBARASAN S	XXXXXXX69C	NA	M.E.	ANNA UNIVERSITY	MANUFACTURING ENGINEERING	24/07/2023	2	Assistant Professor	Assistant Professor		Regular	No	01/08/2025	No
10	Mr.INDRAJITH P	XXXXXXX78C	NA	M.E.	ANNA UNIVERSITY	ENGINEERING DESIGN	26/06/2023	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mr SANJEEVI R	XXXXXXX36D	NA	M.E.	ANNA UNIVERSITY	MANUFACTURING ENGINEERING	27/07/2022	3	Assistant Professor	Assistant Professor		Regular	No	31/07/2025	No
12	Mr PRADEEPKUMAR S	XXXXXXX48G	NA	M.E.	ANNA UNIVERSITY	THERMAL ENGINEERING	18/05/2020	5.2	Assistant Professor	Assistant Professor		Regular	No	01/08/2025	No
13	MR. PRABHU R	XXXXXXX53Q	NA	M.Tech	ANNA UNIVERSITY	PRINTING AND PACKAGING TECHNOLOGIES	27/04/2023	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
14	MS ROJASRI S	XXXXXXX44E	NA	M.Tech	VELTECH UNIVERSITY	EMBEDDED SYSTEM AND TECHNOLOGIES	24/07/2026	0	Assistant Professor	Assistant Professor		Regular	Yes		No

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):
UG1=1st UG program
UGn=nth UG program
B= No. of Students in UG 2nd year (ST)
C= No. of Students in UG 3rd year (ST)
D= No. of Students in UG 4th year (ST)
No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):
PG1=1st PG program.
PGm=mth PG program

A= No. of Students in PG 1st year
B= No. of Students in PG 2nd year
Student Faculty Ratio **(SFR)** = S/F
S= No. of students of all programs in the Department including all students of allied departments/clusters.
No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.
F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department1 No. of PG Programs in the Department1

Table No.C2.1: Student-faculty ratio.

Description	**CAY(2024-25)**	**CAYm1 (2023-24)**	**CAYm2 (2022-23)**
UG1.B	192	131	128
UG1.C	131	128	132
UG1.D	128	132	123
UG1: Electronics & Communication Engineering	**451**	**391**	**383**
UG2.B	33	63	60
UG2.C	63	60	60
UG2.D	60	60	60
UG2: Robotics and Automation	**156**	**183**	**180**
PG1.A	18	18	18
PG1.B	18	18	18
PG1: Communication Systems	**36**	**36**	**36**
DS=Total no. of students in all UG and PG programs in the Department	487	427	419
AS=Total no. of students of all UG and PG programs in allied departments	156	183	180
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 643	**S2=** 610	**S3=** 599
DF=Total no. of faculty members in the Department	37	35	37
AF= Total no. of faculty members in the allied Departments	13	13	10
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 50	**F2=** 48	**F3=** 47
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)	**SFR1= 12.86**	**SFR2= 12.71**	**SFR3= 12.74**
Average SFR for 3 years	**SFR= 12.77**		

C3. Faculty Qualification

- Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.

- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF)]
2024-25(CAY)	9	27	24.00	20.62
2023-24(CAYm1)	11	22	21.00	23.57
2022-23(CAYm2)	7	28	20.00	22.75

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = 1/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.
- RF2= No. of Associate Professors required = 2/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- RF3= No. of Assistant Professors required = 6/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2024-25	2.00	4.00	5.00	5.00	16.00	27.00
2023-24	2.00	6.00	4.00	3.00	14.00	24.00
2022-23	2.00	3.00	4.00	4.00	13.00	28.00
Average	RF1=2.00	AF1=4.33	RF2=4.33	AF2=4.00	RF2=14.33	AF2=26.33

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.

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.S.Sadhanantham	Deputy Manager(Retired)	TNPL (Wind Farm), Karur	Embedded system for Industrial Applications	60.00
2	Mr.N.Kunjithapatham	Former GM	M.N Daster & Company(P) Ltd, Chennai	Video Processing Techniques	60.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.N.Gunasekaran	AGM (HR & Admin)	BSNL, Thanjavur	Communication Networks and Switching	60.00
2	Mr.P.Manoharan	GM (Retired)	BHEL, Trichy	Industrial Wireless Sensor Network	60.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.K.Palanivel	AGM	BHEL, Trichy	Industrial Automation	60.00
2	Mr.P.Manoharan	GM (Retired)	BHEL, Trichy	Smart Sensor Innovation	60.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
1	No. of peer reviewed journal papers published	25	22	19
2	No. of peer reviewed conference papers published	21	18	12
3	No. of books/book chapters published	32	6	2

C7. Sponsored Research Project

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

(CAYm1)

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) i.e. 15,25,000=15.25
B KARTHIGA Associate Professor, Department of Ece, Dhanalakshmi Srinivasan Engineering College,	-	Tamilnadu State Council for Science and Technology	Partial Financial Assistance-Young Scientist Fellowship Scheme	TNSCST	Collaborative Research 3 Months	0.22
B KARTHIGA Associate Professor, Department of Ece, Dhanalakshmi Srinivasan Engineering College,	R.Murugeshwaran	MSME idea HACKATHON 4.0	AI-Powered IPT Based Smart Box system for V2V Cummunication to achieve 100 Percentage accident prevention	MSME idea HACKATHON 4.0	Collaborative Research 3 Months	11.00
T BOOPATHY	MOHAN RAJ M, LOGESHWARAN R, KATHIRESASAN K	TNSCST	FIRE FIGHTING ROBOT USING EMBEDDED SYSTEMS	TNSCST	6 MONTHS	0.05
						Amount received (Rs.):11.27

(CAYm2)

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) i.e. 15,25,000=15.25
-	-	-	-	-	-	0.00
						Amount received (Rs.):0.00

(CAYm3)

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) i.e. 15,25,000=15.25
-	-	-	-	-	-	0.00
						Amount received (Rs.):0.00

Total Amount (Lacs) Received for the Past 3 Years: 11.27

Note*:

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

C8. Consultancy Work

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

(CAYm1)

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) i.e. 15,25,000=15.25
P RAJESWARI	M.Muthuraj, A. Mohanraj, K.Kathiresan ,Gopi Krishnan	Sri Selvakumaran Industries Pvt Ltd, Erode	Intelligent Crop Defense System Using Iot for Animal and Environment Impact Mitigation	Sri Selvakumaran Industries Pvt Ltd, Erode	6 Months	2.16
B KARTHIGA	N. Aakash Menon, M.Manimaran, S.Tamizharasan A.Jagatheesh	Abe Semiconductors Design	Networks	Abe Semiconductors Design	4 Months	2.31
A YOGESWARAN	P.Sabi S.Santhanalakshmi S.Ponnarasi A.Rosario Katherin	LIFT India Authorized Industrial Training Institute, Trichy	VLSI Design of Approximate Baugh-Wooley Multiplier for Image Edge Computing	LIFT India Authorized Industrial Training Institute, Trichy	8 Months	2.80
N KHADAR BASHA	M.Ramesh D.Selvamuthukumaran. S.Venkatesan. S.Yogesh Pandiyan	Brakers &Automotive Insdustries, Thiruvallur,Chennai	AI-Powered Brain Tumor Detection using Convolutional Neural Networks (CNNs)	Brakers &Automotive Insdustries, Thiruvallur,Chennai	9 Months	3.16
						Amount received (Rs.):10.43

(CAYm2)

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) i.e. 15,25,000=15.25
M REKHA	A.Antonyraj , B.Hariharan M Karthick K.Kavibharathi	Amma Hospital	Iot-Based Ecg Monitoring and Remote Health Management System	Amma Hospital	4 Months	1.10
C SATHISHKUMAR	E Paranitharan S Ravivarma M Vijayprabakaran RVijay	Lokozo Technologies Pvt. Ltd, Bangalore	Smart Farming System Using Lora and Cloud Analytics	Lokozo Technologies Pvt. Ltd, Bangalore	6 Months	2.21
SATHYA MOORTHY S	Charumathi M Danushri V Devaki N Dhavapriya S	Brakers &Automotive Insdustries, Thiruvallur,Chennai	Embedded System Design for Industrial Automation	Brakers &Automotive Insdustries, Thiruvallur,Chennai	6 Months	3.51
SATHYAKALA D	Kavitha A Keerthanam Keerthan R Keerthi S	United Infotech,Salem	Real Time Video analytics for Traffic Management	United Infotech,Salem	5 Months	2.72
						Amount received (Rs.):9.54

(CAYm3)

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) i.e. 15,25,000=15.25
MITHRADEVI M	Abdul Majeeth A Karthik S Pragadeeswaran R Sathiyamoorthi S	Abe Semiconductors Design	Wireless Communication Module Development for Industraial IoT Applications	Abe Semiconductors Design	6 Months	1.08
SASIKALA S	Sharmila K Sowmiya S Suruthi S Subhasree P	Heron Technologies Coimbatore.	Antenna Design For Urban Microcells	Heron Technologies Coimbatore	6 Months	2.20
GAYATHRI R	Alexpandiyan K Ghautham M Kodeeswar G S Manoj G	LIFT India Authorized Industrial Training Institute, Trichy	Iot-Based Crash Prevention & Emergency Alert System For Motor Bikes	LIFT India Authorized Industrial Training Institute, Trichy	6 Months	2.75
BOOPATHY T	Pavithran P Perumal S Rakesh R Vignesh S	Delta Electronics(P) Ltd,Coimbatore.	Lorawan-Based Smart City Environmental Monitoring System	Delta Electronics(P) Ltd,Coimbatore.	6 Months	2.80
						Amount received (Rs.):8.83

Total amount (Lacs) received for the past 3 years: 28.80

Note*:

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

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

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
KARTHIGA B	Design of a Classifier model for Heart Disease Prediction using normalized graph model	9 Months	0.10	0.10	Article published in Scopus
KARTHIGA B	Role of Artificial Intelligence in Making Wearable Robotics Smarter	3 Months	0.03	0.03	Article published in Robotics and Automation in Industry 4.0
YOGESHWARAN A	Optimized Neural Network-Based Micro Strip Patch Antenna Design for Radar Application	3 Months	0.03	0.03	Article published in SCI journal
YOGESHWARAN A	A multiple resonant micro strip patch heart shape antenna for satellite and Wi-Fi communication	3 Months	0.03	0.03	Article published in International journal
YOGESHWARAN A	Chronic Lower Respiratory Diseases detection based on Deep Recursive Convolutional Neural Network	6 Months	0.10	0.10	Article published in Scopus journal
YOGESHWARAN A	IOT Based Health Preventive Management System for Patient Information Discovery Using Ontology	3 Months	0.03	0.03	Article published in International journal
RAJESWARI P	Abandond Person Detection Using Raspberry Pi	3 Months	0.03	0.03	Article published in International journal
RAJESWARI P	IoT-Powered Smart Garden Management for Horticulture	3 Months	0.03	0.03	Article published in International journal
SATHISH KUMAR C	Vehicle To Light Communication Design Using an Efficient Learning Model	5 Months	0.10	0.10	Article published in Elsevier
NOORJAHAN M	Metamaterial-Inspired Antenna For LTE, BLUETOOTH And WiMAX Systems with Dual Band Capability	3 Months	0.03	0.03	Article published in International journal
NOORJAHAN M	Reconfigurable Triple-Band Antenna Inspired by Metamaterials for Wireless Communications	3 Months	0.03	0.03	Article published in International journal
SASIKALA S	Fisherman Tracking and Communication Using Wireless Water Communication	3 Months	0.03	0.03	Article published in International journal
SASIKALA S	IoT Enabled Accident Monitoring and Preventing System	3 Months	0.03	0.03	Article published in International journal
REKHA M	AI-Driven Image Annotation for Plant Disease Detection Using Google Cloud Vision Platform	3 Months	0.10	0.10	Article published in SCI
BOOPATHY T	IOT Based Health Preventive Management System for Patient Information Discovery Using Ontology	3 Months	0.03	0.03	Article published in International journal
SASIKALA S	IoT-Powered Smart Garden Management for Horticulture	3 Months	0.03	0.03	Article published in International journal
YOGESHWARAN A	Resource person for FDP	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
RAJESWARI P	Resource person for STTP	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
SATHISH KUMAR C	Resource person for FDP Technologies Advancements in Satellite Communication	1 day	0.05	0.05	Delivered practical insights on Technologies Advancements in Satellite Communication
SATHISH KUMAR C	Resource person for FDP	1 day	0.05	0.05	Delivered practical insights on on “Recent Trends in Wireless Communication”
SREE K V M	Resource person for FDP onInternet of Things and Electronics Engineer”	1 day	0.05	0.05	contributed to enhancing the participants Knowledge

YOGESHWARAN A	Resource person for STTP on “AI in Electronics & Communication Engineering”	1 day	0.05	0.05	Delivered practical insights
BOOPATHY T	Resource person for FDP on Wireless Sensor Network	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
KARTHIGA B	Resource person for STTP on Transforming Ideas into Patents	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
SREE K V M	Actively participated in all technical session during FDP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
VISHALATCHI K	Actively participated in all technical session during FDP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
SHIEK AALAM S	Actively participated in all technical session during FDP	5 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
BAVITHRA K B	Actively participated in all technical session during FDP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
RAJESWARI P	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
KARTHIGA B	Actively participated in all technical session during FDP/STTP	5 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
SATHYA MOORTHY S	Actively participated in all technical session during FDP/STTP	5 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
SATHYAKALA D	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
REKHA M	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
YOGESHWARAN A	Actively participated in all technical session during FDP/STTP	5 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
SATHISH KUMAR C	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
PRAKASH P	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
BRINDHA P	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
RAJESWARI P	Coordinated FDP/STTP	5 days	0.05	0.05	Enhanced faculty knowledge and practical skills
YOGESHWARAN A	Coordinated FDP/STTP	5 days	0.05	0.05	Enhanced faculty knowledge and practical skills
YOGESHWARAN A	Research work	3 Months	0.05	0.05	Patent successfully published
SASIKALA S	Research work	3 Months	0.05	0.05	Patent successfully published
RAJESWARI P	Research work	3 Months	0.05	0.05	Patent successfully published
KHADAR BASHA N	Research work	3 Months	0.05	0.05	Patent successfully published
NOORJAHAN M	Research work	3 Months	0.05	0.05	Patent successfully published
SARITHA M	Research work	3 Months	0.05	0.05	Patent successfully published
VISHALATCHI K	Research work	3 Months	0.05	0.05	Patent successfully published
GAYATHRI R	Research work	3 Months	0.05	0.05	Patent successfully published
KARTHIGA B.	Research work	3 Months	0.05	0.05	Patent successfully published
BOOPATHY T	Research work	3 Months	0.05	0.05	Patent successfully published
BOOPATHY T	Project execution	6 Months	0.05	0.05	Development of working prototype
KARTHIGA B	Research work	3 Months	0.10	0.10	Development of prototype

KARTHIGA B	Research work	3 Months	0.10	0.10	Development of prototype
			Amount received (Rs.): 2.14		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
KARTHIGA B	Intelligent Intrusion Detection System for VANET Using Machine Learning and Deep Learning Approaches	5 Months	0.10	0.10	Article published in Wiley
SUJITHA B	Implementation Of Intelligent Navigation System for Shopping Using Smart Robots	3 Months	0.03	0.03	Article published in international journal
SASIKALA S	Hand Gesture Assistance System for Disabled/Dumb People Using Iot	3 Months	0.03	0.03	Article published in international journal
SARITHA M	VLSI Implementation of AES Algorithm in Cryptography Developed in Xilinx	3 Months	0.03	0.03	Article published in international journal
NITHIYA S	An Efficient Energy Management and Theft Alert Using Iot Enabled Smart Meters	3 Months	0.03	0.03	Article published in international journal
GAYATHRI R	Vlsi Design of Approximate Baugh-Wooley Multiplier for Image Edge Computing	3 Months	0.03	0.03	Article published in International journal
KARTHIGA B	Need Of Skill Based Module to Enrich Professional Competencies in Buddy Engineers	5 Months	0.10	0.10	Article published in SCI
SATHISH KUMAR C	IOT Based Human Body Communication Using Wearable Biometric Authentication	3 Months	0.03	0.03	Article published in International journal
BOOPATHY T	IOT Based Fault Detection of Underground Cables Through Node MCU Modules	3 Months	0.03	0.03	Article published in International journal
REKHA M	Efficient River Water Quality Monitoring System Through IoT Platform	3 Months	0.03	0.03	Article published in International journal
SATHISH KUMAR C.	Resource person for FDP	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
VISHALATCHI K	Resource person for FDP on Bio-Medical signal Acquisition and analysis	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
YOGESHWARAN A	Resource person for FDP on Antenna Design: Future Trends and New Applications	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
RAJESWARI P	Resource person for STTP	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
BRINDHA P	Resource person for FDP onMicrowave and millimeter wave technologies	1 day	0.05	0.05	Delivered practical insights
ARUN J	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
GOPINATHAN R	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
RAMYA L	Actively participated in all technical session during FDP/STTP	5 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
RAGHAVENDRA MALAPATI	Actively participated in all technical session during FDP/STTP	5 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
YOGANAND K	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
S.ANBUMOZHI	Actively participated in all technical session during FDP/STTP	5 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
MAHALAKSHMI B	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
VISHALATCHI K	Coordinated FDP/STTP	5 days	0.05	0.05	Enhanced faculty knowledge and practical skills
SATHISH KUMAR C.	Coordinated FDP/STTP	5 days	0.05	0.05	Enhanced faculty knowledge and practical skills
REKHA M.	Research work	3 Months	0.05	0.05	Patent successfully published

SHREE K V M	Research work	3 Months	0.05	0.05	Patent successfully published
			Amount received (Rs.): 0.96		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
KARTHIGA B	A Novel Framework Combining BCI And IOT For the Detection of Activity of The Brain	5 Months	0.10	0.10	Article published in SCI
SATHYAKALA D	An Efficient Fir Filter Design Using Three-Operand Binary Adder	3 Months	0.03	0.03	Article published in International journal
RAJESWARI P	Electromagnetic Fields	6 Months	0.05	0.05	Book published in the Charulatha
BOOPATHY T	Electromagnetic Fields	6 Months	0.05	0.05	Book published in the Char
SUGANYA K	An Efficient Fir Filter Design Using Three-Operand Binary Adder	3 Months	0.03	0.03	Article published in international journal
SASIKALA S	Underwater Li-Fi Communication for Monitoring Scuba Diver's Health	3 Months	0.03	0.03	Article published in international journal
YOGESHWARAN A	Optimized Neural Network-Based Micro Strip Patch Antenna Design for Radar Application	3 Months	0.03	0.03	Article published in international journal
YOGESHWARAN A	Design Of Reconfigurable Monopole Antenna for Cognitive Radio Application	3 Months	0.03	0.03	Article published in international journal
YOGESHWARAN A	Vehicle Anti-Theft Detection and Protection with Air Quality Iot Notification	3 Months	0.03	0.03	Article published in international journal
GAYATHRI R	RFID- Based Mobile Indoor Assistive Navigation and Localization for Visually Impaired People	3 Months	0.03	0.03	Article published in international journal
REKHA M	Cross-Tier Interference Mitigation In 3D Het Nets for LTE And Wi-Fi Access	8 Months	0.10	0.10	Article published in Scopus
REKHA M	A Novel Framework Combining BCI And IOT For the Detection of Activity of The Brain	5 Months	0.10	0.10	Article published in SCI
REKHA M	Optimized Neural Network-Based Micro Strip Patch Antenna Design for Radar Application	3 Months	0.10	0.10	Article published in Scopus
KHADAR BASHA N	Design Of Wireless Electronic Notice Board Using IOT	3 Months	0.03	0.03	Article published in international journal
KHADAR BASHA N	Vehicle Anti-Theft Detection and Protection with Air Quality Iot Notification	3 Months	0.03	0.03	Article published in international journal
SATHYAKALA D	Design Of Cylindrical Slot Antenna for FSS Configuration	3 Months	0.03	0.03	Article published in international journal
SATHYAKALA D	Electromagnetic Fields	6 Months	0.05	0.05	Book published in the Charulatha
KHADAR BASHA N	Electromagnetic Fields	6 Months	0.05	0.05	Book published in the Charulatha tional journal
YOGESHWARAN A	Iot Based Farm Housing Using NPK Sensors	3 Months	0.03	0.03	Article published in International journal
YOGESHWARAN A	Design Of Circularly Polarized elements	3 Months	0.03	0.03	Article published in International journal
YOGESHWARAN A	Resource person for FDP on Feedback amplifier and Oscillator	1 day	0.05	0.05	Delivered practical insights
KARTHIGA B	Resource person for STTP on Signal and Image Processing Using Matlab	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
REKHA	Resource person for STTP on AI in Electronics & Communication Engineering	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
BOOPATHY T	Resource person for FDP on Biomedical Signal Processing	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
RAJESWARI P	Resource person for FDP on Python Programming for ECE Applications	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
VISHALATCHI K	Resource person for FDP on Recent Advancements in Photonics and its applications	1 day	0.05	0.05	contributed to enhancing the participants Knowledge
VIJAYASHANTHI T	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
VISHALATCHI K	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
KARTHIGA B	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP

PRABAKARAN V	Actively participated in all technical session during FDP/STTP	7 days	0.01	0.01	Gained in depth knowledge on FDP/STTP
KARTHIGA B	Coordinated FDP/STTP	5 days	0.05	0.05	Enhanced faculty knowledge and practical skills
REKHA M	Coordinated FDP/STTP	5 days	0.05	0.05	Enhanced faculty knowledge and practical skills
			Amount received (Rs.): 1.40		

Total amount (Lacs) received for the past 3 years : 4.50

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

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

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

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important 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 Lab	3	• DSO, CRO and AFO • Switched Mode Power Supply • Instrumentation Amplifier • PLC Trainer Kit •	100% Well Utili	N. Nandhini	Technical Supporting Staff	DECE
2	Microprocessor Lab	3	• 8085 MP Kit • 8086 MP Kit • 8051 Microcontroller Kit • 8255 Interface • 8279 Interface • 8253	100%Well Utili:	K. Valarmathi	Technical Supporting Staff	DECE
3	Optical and Microwave lab	3	• Fiber Optic Analog Transmitter Kit • Fiber Optic Analog Receiver Kit • Fiber Optic Analog / Digital Mod &	100% Well Utili	D. Murugesan	Technical Supporting Staff	DECE
4	DSP Lab / Networks Lab	3	• TMS 320C50 Based Starter Kit Power Supply And FG • TMS 320C5416 with CCS • TMS 320C31 start kit	100%Well Utili:	S. Ranjana	Technical Supporting Staff	B.E.,
5	Communication Lab and Digital lab	3	• DSO, CRO • Amplitude Modulation & Demodulation Kit • Pulse Amplitude Modulation Kit • Pulse Position	100% Well Utili	S. Ramji	Technical Supporting Staff	DECE

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Electronics Laboratory	• Keep workspace tidy and clutter-free. • Treat exposed metal parts as energized until confirmed safe. • Use circuit breakers for power connection. • Connect power last, disconnect first. • Never change wiring on live circuits. • Increase/decrease voltage gradually during power-up/down. • Work with Technical Supporting Staff for high-voltage tasks. • Use one hand only; keep the other away from conductive surfaces. • Use insulated, non-conductive tools. • Maintain safe distance from high-voltage equipment/lines. • Double-check connections before applying power.

2	Optical, Microwave and Digital Lab	• Wear closed-toe shoes for foot protection. • Secure loose hair/clothing to avoid entanglement. • Remove jewelry near equipment or EM fields. • Keep workspace clean, aisles clear, and clutter-free. • Use equipment only for intended purposes. • Report damaged/malfunctioning equipment immediately. • Terminate laser beams with proper beam dumps. • Block stray reflections; confine beams to optical table. • Remove reflective objects near laser paths. • Maintain safe distance from operating microwave equipment. • Ensure microwave equipment is properly grounded. • Handle flammable solvents with caution, use lab-grade equipment. • Read and follow equipment manuals and operating procedures.
3	Microprocessor Lab	• Maintain a clean, organized and clear. • Assume exposed metal parts are live. • Make circuit changes only after disconnecting power. • Ensure proper grounding. • Avoid wet hands and overloading outlets. • Report damaged equipment immediately. • Know the location and use of fire extinguishers. • Keep flammable materials away from electrical sources. • Avoid loose clothing or jewelry. • Remove metal jewelry when working with electricity. • Handle hot soldering irons carefully. • Connect kits properly to power and verify connections handle components carefully. • Disconnect power and report any burning smell do not work on circuits exceeding high volts without approval. • Regularly inspect and report damaged equipment follow manufacturer guidelines and do not attempt unauthorized repairs.
4	DSP Lab / Networks Lab	• Keep workspace clean, organized, and clutter-free. • No food or drinks in the lab. • Report power fluctuations, smoke, or burning smells. • Keep flammable materials away from electrical equipment. • Know emergency exits and evacuation procedures. • Avoid loose clothing/jewellery • wear closed-toe shoes. • Stay alert, no horseplay or running in lab. • Use equipment only as intended and follow manuals. • Report damaged/malfunctioning equipment immediately. • Handle components carefully to prevent damage. • Implement reliable data transmission/error detection. • Organize and secure network cables. • Use cable ties/raceways to manage clutter. • Test cables before installation. • Use networking tools safely per guidelines. • Avoid untrusted USBs/unauthorized software. • Use strong passwords • follow data protection. • Do not access unauthorized websites. • Disconnect power & let components cool before servicing. • Avoid stressing cables/connectors and use proper tools.
5	Communication Laboratory	• Keep workspace clean, organized, and uncluttered, manage cables. • No eating, drinking, smoking, or cosmetics in the lab. • Treat exposed metal parts as energized until confirmed safe. • Ensure proper equipment grounding. • Double-check circuit connections before applying power. • Disconnect power before wiring or circuit changes. • Do not use damaged instruments/wires and report immediately. • Handle equipment carefully to avoid damage. • Connect trainer kits properly, verify before use and report unusual behavior. • Ensure grounding, use correct probes, and avoid overpowering. • Be aware of EMI effects on devices/systems. • Use shielded cables and grounding techniques to reduce EMI. • Tie back long hair and avoid loose clothing/jewellery. • Turn off cell phones before entering the lab. • Never force connectors into sockets. • Use equipment only as intended, follow lab manual instructions.

D3. Project Laboratory/Research Laboratory

Project Laboratory

This laboratory project aims to provide practical experience in applying theoretical concepts through hands-on experimentation and data analysis. The project focuses on designing, implementing and testing a system or process using modern tools and technologies to develop problem-solving skills and deepen understanding of the subject matter. Through this laboratory work, students will enhance their technical abilities, learn to operate relevant instruments or software and interpret experimental results accurately.

Research Laboratory

The research laboratory serves as a controlled environment where scientific investigations and experiments are conducted to advance knowledge in a specific field. It provides the necessary embedded IDE tools, equipment and methodologies for systematic study, enabling researchers to formulate hypotheses, collect and analyze data and validate results. The laboratory fosters innovation, critical thinking and collaboration, contributing to the development of new technologies, solutions and scientific understanding.

1. Technical supports are given in the Laboratories for student’s project work during working hours.
2. Students involves designing hands-on, application-oriented experiments or mini-projects that allow students to apply theoretical knowledge.

S.No	Name of the Laboratory	Facilities	Utilization

1.	**Innovative System Design Lab**	ELVIS II Basic Bundle with Add-Ons	Used to study the basic concepts of all the tools and to do mini-project, Project, Research modules
		Compact R10 NI 9073 with PS-15 Power Supply	
		NI 9263 CH 16-bit Analog O/p Module	
		NI 9219 24-bit Universal Analog O/p Module	
		NI9401 8 bit Bi – directional Digital IO module	
		ARM7 Development Module	
		ARM7 FPGA Fusion Embedded Development Kit	
		Zigbee Module	
		RF Interface	
		GPS Module	
		Power Supply	
		Bread Board	
		PC	
		ORCAD Software	
		MATLAB	
		Consumables	

2.	**Centre of Excellence in Embedded and IOT lab**	[LoRa IoT Kit v3] IoT Kit v3 based on Lora WAN®	Students utilize this lab for advanced research, development, and innovation in the fields of embedded technologies and IoT solutions.

[ETS IoT Kit] IoT Trainer Kit - RPi4 Version
ETS-IoT ® MULTI MCU and MULTI WIRELESS DEV KIT
[WDM] ETS IoT - Wireless Development Module
Line follower robot kit Arduino UNO with Cable
L293D Motor driver
IR Sensor module
Robot chassis with motor
9V Battery
Rain Gauge sensor
CO2/PM2.5, PM10 sensor
Wind speed and Direction sensor
Temperature/Humidity/Illuminance/Pressure sensor
Total solar radiation sensor
PAR (Photosynthetically Available Radiation) sensor
Main process unit for weather station
11.1V 30AH LITHIUM-ION BATTERY PACK WITH BMS
Solar Panel 12V 50W
MPPT Solar Charge Controller
Metal Enclosure & Poles for Weather Station
[DLOS8N EC25] Multi channel Outdoor Gateway With 3G/4G for Lora WAN® - DLOS8N EC25
[TTM-Analytics] The Things Mate - IoT Cloud Platform (TTM-Analytics)
Smart lighting system

		[LDDS20] Liquid Level Sensor based on Lora WAN®	
		Smart parking sensor	
		Gateway accessories with simcard	
		ADW Smart Ultrasonic Water meter (DN20, Lora WAN, Power Operated)	
		[LDDS45] Distance Detection Sensor based on Lora WAN®	
		[GROPOINT AIR-M-IN865] GroPoint Air - Lora WAN Multi Segment Converter for Soil Sensor	
		[LWL02] Water Leak Sensor v2 based on Lora WAN®	
		[LDDS45] Distance Detection Sensor based on Lora WAN®	

Research / Project Laboratory			
S.No	**Software / hardware / lab components used**	**Project Title**	**Academic Year**

1	**IE3D Software**	A novel low profile microstrip antenna design for enhanced 5g performance	**2024 – 2025**
2		Design and performance analysis of a compact UWB MIMO antenna for future vehicular communication system	
3		Optimizing performance of reconfigurable microstrip patch antenna with metamaterials	
4		Optimization of multiband microstrip patch antenna using various software	
5		AA gain-enhanced patch antenna with a periodic microstrip rampart line	
6		Stepped impedance microstrip low pass filter for 6 ghz microwave applications	
7		Reconfigurable triple band antenna inspired by metamaterials for wireless communications	**2023 – 2024**
8		Design a multiband micro strip patch antenna using I & S slots for wireless communication	
9		Advanced multiband MIMO antenna for soldier communication in x-band application	
10		Multiband compact mm antenna for 5g smart phones	**2022 – 2023**

11	**IOT lab Components**	IOT based health monitoring system	**2024 – 2025**
12		smart helmet for industrial safety using IOT	
13		Design and development of a multi zone fire alert system using IOT, GPS and ARUDINO	
14		IOT based coal mine safety and health monitoring system using lorwan technology	
15		Mart living: active and assisted living health monitoring system using IOT	
16		AI-IOT powered railway safety collision prevention and animal detection system	
17		IOT enabled accident monitoring and preventing system	**2023 – 2024**
18		IOT based speed control and accident avoidance using ai traffic detection	
19		IOT powered smart garden management for horticulture	
20		Integrating IOT and machine learning for advanced agricultural monitoring and control	
21		IOT based crash prevention detection and emergency alert system for motor bikes	**2022 – 2023**
22		Assistance system for dumb people using esp32	
23		IOT based river water quality monitoring system	
24		An efficient energy management and theft alert using IOT enabled smart meters	
25		IOT based human body communication using wearable biometric authentication	
26		IOT based fault detection of underground cables through node mcu module	

27	**Tanner software**	VLSI design of intellectual property design of advance encryption standard	**2024 – 2025**
28		VLSI design of approximate Baugh Wooley multiplier for image edge computing	**2022 – 2023**
		VLSI implementation of AES algorithm in cryptography developed in Xilinx	
29	**Embedded**	An enhanced watchdog timer design using FPGA	**2023 – 2024**
30	**NS2 software**	Fisherman tracking and communication using wireless under water communication	
31		Network system-based water and air pollution monitoring system	
32		Vehicle to vehicle communication using libi technology	

Mini Project Work using Project Lab

S.No	Project Titles	Faculty Name	Academic Year	Mapping with PO and PSO
1.	WATER TANK MONITORING SYSTEM USING ARDIUNO	RAJESWARI P	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
2.	RADAR SYSTEM USING ARDIUNO	KARTHIGA B	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
3.	SIGNAL JAMMER	REKHA M	2023-2024	**PO1, PO2, PO3, PO5, PO8, PO9, PSO1, PSO2**
4.	HOME AUTOMATION USING BLUETOOTH	YOGESHWARAN A	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
5.	IOT BASED WEATHER MONITORING SYSTEM	SATHISH KUMAR C	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
6.	STREET LIGHT CONTROLLER	MITHRA DEVI K	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
7.	EARTH QUAKE DETECTOR SYSTEM	SASIKALA S	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**

8.	IOT BASED DOOR ALARM FOR PERSON DETECTION	SUGANYA K	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
9.	FIRE DETECTION SYSTEM USING ARDIUNO	PRABAKARAN V	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
10.	MINI RECHARGEABLE POWER SUPPLY	NITHYA S	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
11.	SMART CROP PROTECTION SYSTEM USING IOT	SUBITCHA K	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
12.	IOT BASED VISITOR COUNTER	RICHARD K	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
13.	ARDIUNO CAR SPEED DETECTOR	SARITHA M	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
14.	AUTOMATIC CAR PARKING SYSTEM	SUJITHA B	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
15.	IOT BASED BUS IDENTIFICATION SYSTEM FOR BLIND AND DEAF	NOORJAHAN M	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
16.	AUTOMATIC SOLAR TRACKER USING ARDIUNO	VIJAYABASKAR A	2023-2024	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
17.	AI BLACK AND WHITE IMAGE COLOURISATION WITH OPEN CV	SHIEK AALAM S	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
18.	SMART DOOR LOCK USING RF ID	ANBUMOZHI S	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
19.	LI-FI DATA TRANSFER SYSTEM	KARTHIGA B	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
20.	KEYLESS VEHICLE IGNITION USING RF ID	RAJESWARI P	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
21.	INTELLIGENT SMART SHOPING TROLLY USING RF ID	BAVITHRA K B	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
22.	RADAR USING AURDINO	REKHA M	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**

23.	AUTOMATIC STREET LIGHT USING IOT	SASIKALA S	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
24.	SMART PEOPLE COUNTER USING MOTION SENSOR	SUGANYA K	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
25.	FOOTSTEP POWER GENERATION USING PIEZOELECTRIC PLATE	PRABAKARAN V	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
26.	REAL TIME WATER TANK MONITORING SYSTEM	SUBITCHA K	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
27.	IOT BASED GAS LEAKAGE DETECTION SYSTEM	RICHARD K	2022-2023	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
28.	SMART IRRIGATION SYSTEM	P. RAJESWARI	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
29.	LPG GAS LEAKAGE DETECTOR USING ARDUINO	VISHALATCHI K	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
30.	SMART CAR PARKING SYSTEM	KARTHIGA B	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
31.	AUTOMATION HOME APPLIANCES USING IOT	SATHYAKALA D	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
32.	AUTOMATION NIGHT LIGHTING SYSTEM	SATHYAMOORTHY S	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
33.	SMART DOOR LOCK SYSTEM	YOGESHWARAN A	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
34.	WEARABLE WOMEN SAFETY BRACELET USING IOT	BOOPATHY T	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
35.	TRAIN ACCIDENT PREVENTION SYSTEM	KHADARBASHA N	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
36.	BLUETOOTH CONTROLLED CAR	MITHRA DEVI K	2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**
37.	ACCIDENT AVOIDING CAR	SATHISHKUMAR C	`2021-2022	**PO1, PO2, PO3, PO5, PO9, PSO1, PSO2**

List of Project Funding Received which are Utilized by Project Laboratory

S.No	PI name	Project title	Name of the Dept., where Project is sanctioned	Name of the Funding agency	Duration of the project	Amount (Lacs)
1.	B KARTHIGA Associate Professor, Department of Ece, Dhanalakshmi Srinivasan Engineering College, Perambalur	AI-Powered IPT Based Smart Box system for V2V Communication to achieve 100 Percentage accident prevention	MSME idea HACKATHON 4.0	MSME idea HACKATHON 4.0	Collaborative Research 3 Months	11,00,000
2.	B KARTHIGA Associate Professor, Department of Ece, Dhanalakshmi Srinivasan Engineering College, Perambalur	Partial Financial Assistance-Young Scientist Fellowship Scheme	Tamilnadu State Council for Science and Technology	TNSCST	Collaborative Research 3 Months	22100
3.	T BOOPATHY, Assistant Professor, Department of Ece, Dhanalakshmi Srinivasan Engineering College, Perambalur	Fire Fighting Robot Using Embedded System	Tamilnadu State Council for Science and Technology	TNSCST	-	5000
4.	Mrs S Saritha, Assistant Professor, Electronics and Communication Engineering, Dhanalakshmi Srinivasan Engineering College, Perambalur – 621 212	IoT based Automated paralysis patient health care system using Arduino and GSM	Tamilnadu State Council for Science and Technology	TNSCST	-	7500
					Total	**1,134,600**

PART E: First Year faculty and financial Resources

(Data to be filled in for the first year course faculty and budget allocation and utilization)

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))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) +(NS2*0.2))/RF
2022-23(CAYm2)	1440	72	63	21	76
2023-24(CAYm1)	1440	72	66	18	78
2024-25(CAY)	1440	72	57	18	68

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 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till	Budgeted in 2021-22	Actual Expenses in 2021-22 till
Infrastructure Built-Up	23884000	23793748	22747500	21610134	28679600	28549884	25694800	23125320
Library	3396000	3395568	3234900	3073183	2940800	1746760	1572000	1414800
Laboratory equipment	5688000	5663757	5417200	5146312	4924700	4432230	3989000	3869330
Teaching and non-teaching staff salary	168000000	161061955	160332700	152316055	145756900	145656988	131091200	130954261
Outreach Programs	1200000	1176252	1141900	1084898	1038200	934362	840900	815673
R&D	1850000	1830566	1764300	1676028	1603900	1443470	1299100	1260127
Training, Placement and Industry linkage	37200000	36267980	36376800	34557934	24887900	24599178	22139200	21475024
SDGs	6540000	6445678	6223200	5911999	5657500	5091674	4582500	4445025
Entrepreneurship	2300000	1978923	1231100	1169524	1300900	1270882	1143800	1109486
Others, specify	9400000	9392892	8987000	8537650	8170000	8053000	7247800	7030366
Total	**259458000**	**251007319**	**247456600**	**235083717**	**224960400**	**221778428**	**199600300**	**195499412**

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	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till	Budgeted in 2021-22	Actual Expenses in 2021-22 till
Laboratory equipment	568800	534672	543700	511078	517200	491311	514000	488300
Software	56900	53467	54300	51042	51700	49131	46500	44175
SDGs	654000	621300	622300	578739	559200	536832	503000	487910
Support for faculty development	252000	244440	241600	234352	240900	231268	216800	210296
R & D	166300	161262	158200	153454	146300	141956	131700	127720
Industrial Training, Industry expert, Internship	353800	343203	344600	330816	309300	296928	267200	259184
Printing, Stationery and Laboratory Maintenance	940000	902400	909300	863835	857700	814815	771900	748743
Total	**2991800**	**2860744**	**2874000**	**2723316**	**2682300**	**2562241**	**2451100**	**2366328**