

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 : 2
Application No : 11562	Date of Submission : 28-01-2026

PART A- Profile of the Institute

A1.Name of the Institute: P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY	
Year of Establishment : 2008	Location of the Institute: Krishnagiri
A2. Institute Address: MITTAPALLI, BALINAYANAPALLI (POST), ELATHAGIRI (S.O), KRISHNAGIRI (DISTRICT) PIN CODE: 635 108., KRISHNAGIRI, KRISHNAGIRI, Tamil Nadu, 635108	
City:Dharmapuri	State:Tamil Nadu
Pin Code:635108	Website:www.psvcet.ac.in
Email:principal@psvcet.ac.in	Phone No(with STD Code):04343-268333
A3. Name and Address of the Affiliating University (if any):	
Name of the University : ANNA UNIVERSITY	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: **9**
- No. of PG programs: **8**

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	Engineering & Technology	UG	Artificial Intelligence and Data Science	2022	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Biomedical Engineering	2022	--	Biomedical Engineering
3	Engineering & Technology	UG	Civil Engineering	2010	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	2008	--	Computer Science and Engineering
5	Engineering & Technology	PG	Computer Science and Engineering	2011	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering (Cyber Security)
7	Engineering & Technology	UG	Electrical and Electronics Engineering	2008	--	Electrical and Electronics Engineering
8	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2008	--	Electronics and Communication Engineering

9	Engineering & Technology	PG	Embedded Systems	2012	--	Electrical and Electronics Engineering
10	Engineering & Technology	PG	Engineering Design	2013	2022	Mechanical Engineering
11	Engineering & Technology	PG	Information Technology	2013	2022	Information Technology
12	Engineering & Technology	UG	Information Technology	2008	--	Information Technology
13	Engineering & Technology	UG	Mechanical Engineering	2009	--	Mechanical Engineering
14	Engineering & Technology	PG	Power Electronics & Drives	2014	2020	Electrical and Electronics Engineering
15	Engineering & Technology	PG	Power Systems Engineering	2012	2022	Electrical and Electronics Engineering
16	Engineering & Technology	PG	Structural Engineering	2014	--	Civil Engineering
17	Management	PG	Master of Business Administration	2009	--	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
Electrical and Electronics Engineering	No	Electrical and Electronics Engineering	UG
Civil Engineering	No	Civil Engineering	UG
Mechanical Engineering	No	Mechanical 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
Biomedical Engineering	Biomedical Engineering	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:
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 APPROVAL DETAILS	ACCREDITATION STATUS	FROM	TC
1	Biomedical Engineering	Biomedical Engineering	UG	2022 / --	60	Yes	2023	30	2023	F.No. Southern/1-36232374991/2023/EOA	Not eligible for accreditation	--	--

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	TC
Sanctioned Intake for Last Five Years for the Biomedical Engineering													
Academic Year			Sanctioned Intake										
2025-26			30										
2024-25			30										
2023-24			30										
2022-23			60										
2021-22			0										
2020-21			0										

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

A. Name of the HoD :	C.THAMILARASI
B. Nature of appointment:	Regular
C. Qualification:	M.E.

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)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	60	60	60	60	120	120	120
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	60	60	60	58	60	21	64
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	7	4	8	2	5	1
N3=Separate division if any	0	1	1	2	3	3	4
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	3	0	0	0	3	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	63	68	65	68	68	29	69

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]
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2025-26 (CAY)	60	60	3	105.00
2024-25 (CAYm1)	60	60	0	100.00
2023-24 (CAYm2)	60	60	0	100.00

$$\text{Average } [(ER1 + ER2 + ER3) / 3] = 101.67 \approx 100$$

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	(2021-22) LYG	(2020-21) LYGm1	(2019-20) 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).	68.00	29.00	69.00
B=No. of students who graduated from the program in the stipulated course duration	35.00	8.00	28.00
Success Rate (SR)= (B/A) * 100	51.47	27.59	40.58

$$\text{Average SR of three batches } ((SR_1 + SR_2 + SR_3)/3): 39.88$$

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(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
Mean of CGPA or mean percentage of all successful students(X)	7.94	7.88	7.85
Y=Total no. of successful students	56.00	56.00	53.00
Z=Total no. of students appeared in the examination	56.00	56.00	53.00
API [X*(Y/Z)]	7.94	7.88	7.85

$$\text{Average API} [(AP1+AP2+AP3)/3] : 7.89$$

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 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
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 2nd year/10)	7.83	7.73	7.63
Y=Total no. of successful students	57.00	58.00	61.00
Z=Total no. of students appeared in the examination	60.00	61.00	63.00
API [X * (Y/Z)]	7.44	7.35	7.39

$$\text{Average API } [(AP1 + AP2 + AP3)/3] : 7.39$$

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 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
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)	7.77	7.75	7.78
Y=Total no. of successful students	57.00	53.00	19.00
Z=Total no. of students appeared in the examination	58.00	61.00	21.00

API [X*(Y/Z)]:	7.64	6.73	7.04
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Average API [(AP1 + AP2 + AP3)/3] : 7.14

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	122.00	125.00	121.00
X=No. of students placed	35.00	8.00	28.00
Y=No. of students admitted to higher studies	0.00	0.00	3.00
Z= No. of students taking up entrepreneurship	0.00	1.00	0.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	28.69	7.20	25.62

Average Placement Index = $(P_{-1} + P_{-2} + P_{-3})/3$: 20.50 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	C.THAMILARASI	XXXXXXX65C	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	28/05/2012	13.8	Assistant Professor	Assistant Professor		Regular	Yes		Yes
2	Dr.M.USARANI	XXXXXXX29P	M.E. and Ph.D.	ANNA UNIVERSITY	VLSI DESIGN	30/06/2023	2.7	Associate Professor	Associate Professor	30/06/2023	Regular	Yes		No
3	S.SHANMUGAM	XXXXXXX37M	M.E.	ANNA UNIVERSITY	APPLIED ELECTRONICS	19/06/2013	12.7	Assistant Professor	Assistant Professor		Regular	Yes		No
4	M.DEEPA	XXXXXXX65H	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	25/06/2012	13.7	Assistant Professor	Assistant Professor		Regular	Yes		No
5	V.SENTHIL	XXXXXXX20P	M.E.	ANNA UNIVERSITY	VLSI DESIGN	20/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
6	S.KARTHIK	XXXXXXX02N	M.E.	ST PETERS UNIVERSITY	APPLIED ELECTRONICS	20/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
7	S.KAVIPRIYA	XXXXXXX14D	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	21/06/2013	12.7	Assistant Professor	Assistant Professor		Regular	Yes		No
8	L.PRAKASAM	XXXXXXX48L	M.E.	ANNA UNIVERSITY	APPLIED ELECTRONICS	14/06/2019	6.7	Assistant Professor	Assistant Professor		Regular	Yes		No

9	M.NANDHINI	XXXXXX96E	M.E.	ANNA UNIVERSITY	EMBEDDED SYSTEMS	02/07/2014	11.7	Assistant Professor	Assistant Professor		Regular	Yes		No
10	A.JOTHI	XXXXXX31B	M.E.	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	04/04/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Dr.K.RAJESHKUMAR	XXXXXX76N	M.E. and Ph.D.	ANNA UNIVERSITY	WIRELESS COMMUNICATION	09/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
12	R.V.NAGARAJAN	XXXXXX98A	M.E.	ANNA UNIVERSITY	EMBEDDED SYSTEMS TECHNOLOGIES	24/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
13	S.GAYATHRI	XXXXXX20E	M.E.	ANNA UNIVERSITY	APPLIED ELECTRONICS	20/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
14	B.ALMAS	XXXXXX54E	M.E.	ANNA UNIVERSITY	EMBEDDED SYSTEMS TECHNOLOGIES	06/12/2019	5.5	Assistant Professor	Assistant Professor		Regular	No	19/05/2025	No
15	Dr.N.DHASARATHAN	XXXXXX04E	M.E. and Ph.D.	MAHARISHI UNIVERSITY	COMMUNICATION SYSTEMS	09/03/2020	4.3	Associate Professor	Associate Professor	09/03/2020	Regular	No	28/06/2024	No
16	G.SIVASARANYA	XXXXXX71K	M.E.	ANNA UNIVERSITY	EMBEDDED SYSTEMS TECHNOLOGIES	01/07/2020	4.10	Assistant Professor	Assistant Professor		Regular	No	19/05/2025	No
17	M.VINODHKUMAR	XXXXXX78N	M.E.	ANNA UNIVERSITY	APPLIED ELECTRONICS	04/07/2022	2.10	Assistant Professor	Assistant Professor		Regular	No	19/05/2025	No
18	M.MOHANA	XXXXXX91J	M.E.	ANNA UNIVERSITY	VLSI DESIGN	30/03/2022	2.2	Assistant Professor	Assistant Professor		Regular	No	28/06/2024	No
19	Dr. Anshu Thakur	XXXXXX91B	Ph.D	National Institute of Technology Hamirpur	Signals and Systems	09/08/2024	1.5	Associate Professor	Associate Professor	09/08/2024	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	M.SASIKALA	XXXXXX45L	XXXXXXXX555	M.E.	Anna University	Applied Electronics	02/07/2018	7.6	Assistant Professor	Assistant Professor		Regular	Yes		Yes
2	Dr. N.NAGARAJU	XXXXXX01R	XXXXXXXX431	M.E. and Ph.D.	ANNA UNIVERSITY	VLSI DESIGN	03/06/2024	1.7	Associate Professor	Associate Professor	03/06/2024	Regular	Yes		No
3	V.VENNILA	XXXXXX97A	NA	M.E.	ANNA UNIVERSITY	VLSI Design	22/05/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No

4	S.DHINISHA	XXXXXXXX32M	XXXXXXXX090	M.E.	ANNA UNIVERSITY	Applied Electronics	20/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
5	R.VETRISELVI	XXXXXXXX29G	XXXXXXXX351	M.E.	ANNA UNIVERSITY	Bio Medical Engineering	06/11/2023	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
6	D.RUBAN	XXXXXXXX71R	XXXXXXXX831	M.Tech	Dr. M.G.R. Educational And Research Institute	Applied Electronics	10/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
7	M.GAYATHRI	XXXXXXXX82L	XXXXXXXX969	M.E.	ANNA UNIVERSITY	Bio Medical Engineering	07/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
8	U.SARANYA	XXXXXXXX35K	XXXXXXXX545	M.E.	ANNA UNIVERSITY	Embedded System Technologies	16/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
9	R.SUGANYA	XXXXXXXX87K	NA	M.E.	ANNA UNIVERSITY	Applied Electronics	20/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
10	M.BHUVANA PRIYA	XXXXXXXX59F	XXXXXXXX951	M.E.	ANNA UNIVERSITY	Embedded System Technologies	01/06/2024	1.7	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 Department0

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	66	64	66
UG1.C	64	66	122
UG1.D	66	122	125
UG1: ELECTRONICS AND COMMUNICATION ENGINEERING	196	252	313
UG2.B	30	30	61
UG2.C	30	61	0

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG2.D	61	0	0
UG2: Biomedical Engineering	121	91	61
DS=Total no. of students in all UG and PG programs in the Department	196	252	313
AS=Total no. of students of all UG and PG programs in allied departments	121	91	61
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 317	S2= 343	S3= 374
DF=Total no. of faculty members in the Department	14	15	16
AF= Total no. of faculty members in the allied Departments	10	7	4
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 24	F2= 22	F3= 20
FF=The faculty members in F who have a 100% teaching load in the first-year courses	2	2	2
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 14.41	SFR2= 17.15	SFR3= 20.78
Average SFR for 3 years	SFR= 17.45		

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 = $2.5 * [(10X + 4Y) / RF]$
2025-26(CAY)	4	20	15.00	20.00
2024-25(CAYm1)	3	19	17.00	15.59
2023-24(CAYm2)	2	18	18.00	12.78

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents.}$
- RF2= No. of Associate Professors required = $2/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents.}$
- RF3= No. of Assistant Professors required = $6/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents.}$
- 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
2025-26	1.00	0.00	3.00	3.00	10.00	21.00
2024-25	1.00	0.00	3.00	3.00	11.00	19.00
2023-24	2.00	0.00	4.00	2.00	12.00	18.00

Average	RF1=1.33	AF1=0.00	RF2=3.33	AF2=2.67	RF2=11.00	AF2=19.33
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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. VADIVEL.,M.E.,	Managing Director	VTEK Electronics and Technologies, Dharmapuri.	EC3492-Digital Signal Processing	25.00
2	Mr.P.SHAMEER.,M.E.,	Deputy Manager	Save financial management Pvt Ltd.	EC3352-Digital System Design	25.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. VADIVEL.,M.E.,	Managing Director	VTEK Electronics and Technologies, Dharmapuri.	EC8093-Digital Image Processing	25.00
2	Mr.P.SHAMEER.,M.E.,	Deputy Manager	Save financial management Pvt Ltd.	ET3491 -Embedded Systems and IOT Design	25.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. VADIVEL.,M.E.,	Managing Director	VTEK Electronics and Technologies, Dharmapuri.	EC3491-Communication System	25.00
2	Mr.P.SHAMEER.,M.E.,	Deputy Manager	Save financial management Pvt Ltd.	EC8701-Antennas and Microwave Engineering	25.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	12	4	1
2	No. of peer reviewed conference papers published	22	0	6
3	No. of books/book chapters published	0	1	0

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

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

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
L.PRAKASAM	-	ECE	Spartan-6 FPGA Design Assistant - Troubleshoot Common Fabric Problems	SKMT Electronics Private Limited	21 Days	0.30
M.NANDHINI	-	ECE	Spartan-6 FPGA Design Assistant - Troubleshoot Common Fabric Problems	MICRO TECH COMPUTER	21 Days	0.30
						Amount received (Rs.):0.60

(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
S.SHANMUGAM	-	ECE	Security problems of the Internet of Things (IOT)-Threats and attacks	MICRO TECH COMPUTER	Three Weeks	0.30
						Amount received (Rs.):0.30

(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
L.PRAKASAM	-	ECE	Elevated Sensitive Details Prevent Unauthorized Access to Explain System to Help Protect Itself from Cyber Attacks	MICRO TECH COMPUTER	20 days	0.20
						Amount received (Rs.):0.20

Total amount (Lacs) received for the past 3 years: 1.10

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
Mrs. C.THAMILARASI	IMPLEMENTATION OF ENERGY EFFICIENT IN UNDERWATER WIRELESSSENSOR NETWORK USING DEEP LEARNING	6 Months	0.10	0.10	Research article has been published in IJIRSET Journal
Mrs.M.NANDHINI	IMPLEMENTATION OF SMART WIRELESS NOTICE BOARD	3 Months	0.20	0.20	Project has been developed as working model
Mrs.M.DEEPA	DESIGN AND IMPLEMENTATION OF MODULARAND COMPACT MILK QUALITY TESTING ANDVENDING SYSTEM.	3 Months	0.10	0.10	Project has been selected in Niral Thiruvizha
Mrs. A.JOTHI	DESIGN &IMPLEMENTATION OF AUGMENTED BASED INCUBATORMONITORING SYSTEM	3 Months	0.10	0.10	Project has been selected in Niral Thiruvizha
			Amount received (Rs.): 0.50		

(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
Mrs. C.THAMILARASI	Parallel and Batch Multiple Replica Auditing Protocol for Edge Computing	6 Months	0.40	0.40	Research article has been published in IEEE Journal
Mr L.PRAKASAM	Energy Effectiveness Practices in Wireless Sensor Network	4 Months	0.10	0.10	Research article has been published in IJIRSET Journal
Mr S.SHANMUGAM	PCB Fault Analysis Using Sift Algorithm	4 Months	0.10	0.10	Research article has been published in IJIRSET Journal
Mr M.VINODHKUMAR	Programming in Python- for Beginners	4 Months	0.20	0.20	Book has been Published
Mr.S.SHANMUGAM	Implementation Of Solar Based Water Purifier System Using Iot Technology	3 months	0.15	0.15	WORKING MODEL
Mr.S.KARTHIK	An Iot-Based Face Recognition System For Detecting Cigarette Smoke And Alcohol In Non-Smoking Areas	3 months	0.15	0.15	WORKING MODEL
			Amount received (Rs.): 1.10		

(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
Mrs.C.THAMILARASI	Prediction of Micro Plasma Impacts in Organic Vegetables Using Deep Learning	2 months	0.20	0.20	Research article has been published in ICTACT Journal
Mrs.A.JOTHI	smart helmet for live monitoring and rpm speed indication	3 months	0.15	0.15	Project has been developed as working model
Mr.M.VINODHKUMAR	Design and fabrication of the vehicle carbon emission monitoring system	3 months	0.15	0.15	Project has been developed as working model
Mrs.S.KAVIPRIYA	Design and development of intelligent writing and speaking robot using speech processing	3 months	0.15	0.15	Project has been developed as working model
			Amount received (Rs.): 0.65		

Total amount (Lacs) received for the past 3 years : 2.25

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	Electronic Circuits and Device Lab/Digital Electronics Lab	30	1. CRO 2. Signal Generator /Function Generators 3. Regulated Power Supplies (0 – 30V) 4. Digital Multimeter 5. ICs with 8 GB RAM	12 Hrs	K.M.Yogalakshmi	Lab Instructor	B.E-ECE
2	Linear Integrated Circuits Laboratory	30	1. DSO, CRO 2. Signal Generator /Function Generators 3. Dual Regulated Power Supplies (0 – 30V) 4. Digital Multimeter 5. ICs with 8 GB RAM	12 Hrs	K.M.Yogalakshmi	Lab Instructor	B.E-ECE
3	Microprocessor and Microcontroller Lab	30	1. Intel(R) Core i3-with 8 GB RAM 2. 3 KVA UPS with battery 3.8085,8086 trainer kit 4.8051 trainer kit 5. CRO 6. Function generator 7. Multimeter 8. ICs with 8 GB RAM	6 Hrs	C.Sadhick	Lab Instructor	DECE
4	Communication Systems Lab/Advanced Communication	30	1. Kits for Signal Sampling, TDM, AM, FM, PCM, DM and Line Coding Schemes 2. Intel(R) Core i3-with 8 GB RAM 3. CRO/DSO 4. Trainer kit for	12 Hrs	C.Sadhick	Lab Instructor	DECE
5	Embedded /Communication Network Lab	30	1.Embedded trainer kits with ARM board 2.Embedded trainer kits suitable for wireless communication 3. Adequate number of	18 Hrs	C.Siva	Lab Instructor	B.E ECE
6	VLSI/Digital Signal Processing Lab	30	1.Xilinx ISE/Altera Quartus/ equivalent EDA Tools 2.Xilinx/Altera/equivalent FPGA Boards 3.Intel(R) Core i3-with 8 GB RAM 4. Adequate	12 Hrs	C.Thirupathi	Lab Instructor	B.E ECE

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Electronic Circuits and Device Laboratory	<input type="checkbox"/> The first aid kit is placed in the laboratory. <input type="checkbox"/> Fire extinguisher is made available in the lab for any emergency situation. <input type="checkbox"/> Ensure that all individuals working in the lab have received proper orientation and training on lab safety procedures. <input type="checkbox"/> Wear appropriate personal protective equipment (PPE), lab coats, and closed-toe shoes <input type="checkbox"/> Familiarize yourself with the location and proper use of emergency equipment such as fire extinguishers and emergency exits. <input type="checkbox"/> Double-check circuit designs and wiring before connecting to power sources. <input type="checkbox"/> Disconnect power sources before making any adjustments or repairs to electronic equipment. <input type="checkbox"/> Use insulated tools to prevent electrical shocks. <input type="checkbox"/> Follow proper circuit assembly and soldering techniques.
2	Digital / Linear Integrated Circuits Laboratory	<input type="checkbox"/> The First Aid kit is placed in the laboratory. <input type="checkbox"/> Fire extinguisher is made available in the lab for any emergency situation. <input type="checkbox"/> Ensure that all individuals working in the lab have received proper orientation and training on lab safety procedures. <input type="checkbox"/> Wear appropriate personal protective equipment (PPE), lab coats, and closed-toe shoes <input type="checkbox"/> Familiarize yourself with the location and proper use of emergency equipment such as fire extinguishers and emergency exits. <input type="checkbox"/> Double-check circuit designs and wiring before connecting to power sources. <input type="checkbox"/> Disconnect power sources before making any adjustments or repairs to electronic equipment. <input type="checkbox"/> Use insulated tools to prevent electrical shocks. <input type="checkbox"/> Follow proper circuit assembly and soldering techniques.
3	Microprocessor and Microcontroller Laboratory	<input type="checkbox"/> The first aid kit is placed in the laboratory. <input type="checkbox"/> Fire extinguisher is made available in the lab for any emergency situation. <input type="checkbox"/> Ensure that all individuals working in the lab have received proper orientation and training on lab safety procedures. <input type="checkbox"/> Wear appropriate personal protective equipment (PPE), lab coats, and closed-toe shoes <input type="checkbox"/> Familiarize yourself with the location and proper use of emergency equipment such as fire extinguishers and emergency exits. <input type="checkbox"/> Double-check circuit designs and wiring before connecting to power sources. <input type="checkbox"/> Disconnect power sources before making any adjustments or repairs to electronic equipment. <input type="checkbox"/> Use insulated tools to prevent electrical shocks.
4	Communication Systems Laboratory	<input type="checkbox"/> The first aid kit is placed in the laboratory. <input type="checkbox"/> Fire extinguisher is made available in the lab for any emergency situation. <input type="checkbox"/> Ensure that all individuals working in the lab have received proper orientation and training on lab safety procedures. <input type="checkbox"/> Wear appropriate personal protective equipment (PPE), lab coats, and closed-toe shoes <input type="checkbox"/> Familiarize yourself with the location and proper use of emergency equipment such as fire extinguishers and emergency exits. <input type="checkbox"/> Double-check circuit designs and wiring before connecting to power sources. <input type="checkbox"/> Disconnect power sources before making any adjustments or repairs to electronic equipment. <input type="checkbox"/> Use insulated tools to prevent electrical shocks.
5	Embedded /Communication Network Laboratory	<input type="checkbox"/> First Aid kit is placed in the laboratory. <input type="checkbox"/> Fire extinguisher is made available in the lab for any emergency situation. <input type="checkbox"/> Ensure that all individuals working in the lab have received proper orientation and training on lab safety procedures. <input type="checkbox"/> Familiarize yourself with the location and proper use of emergency equipment such as fire extinguishers and emergency exits. <input type="checkbox"/> Double-check circuit designs and wiring before connecting to power sources. <input type="checkbox"/> Disconnect power sources before making any adjustments or repairs to electronic equipment. <input type="checkbox"/> Use insulated tools to prevent electrical shocks. <input type="checkbox"/> Students must shut down their personal computers properly to prevent system
6	VLSI/Digital Signal Processing Laboratory	<input type="checkbox"/> The first aid kit is placed in the laboratory. <input type="checkbox"/> Fire extinguisher is made available in the lab for any emergency situation. <input type="checkbox"/> Familiarize yourself with the location and proper use of emergency equipment such as fire extinguishers and emergency exits. <input type="checkbox"/> Double-check circuit designs and wiring before connecting to power sources. <input type="checkbox"/> Disconnect power sources before making any adjustments or repairs to electronic equipment. <input type="checkbox"/> Use insulated tools to prevent electrical shocks. <input type="checkbox"/> Students must shut down their personal computers properly to prevent system
7	Project Laboratory	<input type="checkbox"/> The first aid kit is placed in the laboratory. <input type="checkbox"/> Fire extinguisher is made available in the lab for any emergency situation. <input type="checkbox"/> Ensure that all individuals working in the lab have received proper orientation and training on lab safety procedures. <input type="checkbox"/> Wear appropriate personal protective equipment (PPE), lab coats, and closed-toe shoes <input type="checkbox"/> Familiarize yourself with the location and proper use of emergency equipment such as fire extinguishers and emergency exits. <input type="checkbox"/> Double-check circuit designs and wiring before connecting to power sources. <input type="checkbox"/> Disconnect power sources before making any adjustments or repairs to electronic equipment. <input type="checkbox"/> Use insulated tools to prevent electrical shocks. <input type="checkbox"/> Follow proper circuit assembly and soldering techniques. <input type="checkbox"/> Students must shut down their personal computers properly to prevent system

D3. Project Laboratory/Research Laboratory

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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
2023-24(CAYm2)	480	24	23	15	89
2024-25(CAYm1)	600	30	28	17	86
2025-26(CAY)	720	36	35	18	88

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 2025-26	Actual Expenses in 2025-26 till	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
Infrastructure Built-Up	2800000.00	3200800.00	2400000.00	2672750.00	2250000.00	2475750.00	1850000.00	1772600.00
Library	1450000.00	1438500.00	1250000.00	1220500.00	1200000.00	1137500.00	1000000.00	980300.00
Laboratory equipment	3750000.00	3690800.00	3600000.00	3462800.00	3000000.00	2935000.00	2750000.00	2690500.00
Teaching and non-teaching staff salary	60500000.00	60280500.00	46000000.00	45175000.00	37500000.00	37290400.00	31500000.00	31050680.00
Outreach Programs	275000.00	269500.00	225000.00	240500.00	200000.00	210500.00	300000.00	330000.00
R&D	950000.00	944200.00	900000.00	850600.00	850000.00	845400.00	732000.00	721440.00
Training, Placement and Industry linkage	200000.00	193000.00	170000.00	151360.00	150000.00	140350.00	125000.00	110720.00
SDGs	700000.00	687900.00	600000.00	610500.00	500000.00	490500.00	200000.00	220600.00
Entrepreneurship	400000.00	398500.00	350000.00	354200.00	300000.00	290800.00	100000.00	100100.00
Others, specify	49060000.00	48444950.00	36915000.00	37304400.00	32945000.00	32267800.00	30308000.00	29814460.00
Total	120085000.00	119548650.00	92410000.00	92042610.00	78895000.00	78084000.00	68865000.00	67791400.00

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 2025-26	Actual Expenses in 2025-26 till	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
Laboratory equipment	770000	750000	760000	745000	660000	635000	795000	725000
Software	46000	47500	38000	38500	30000	34000	80000	82000
SDGs	20000	19500	20000	21600	10000	9650	10000	9500
Support for faculty development	50000	45900	30000	29000	15000	14500	25000	24000
R & D	80000	75600	40000	41000	100000	95450	85000	80000
Industrial Training, Industry expert, Internship	25000	20000	25000	19755	15000	15200	15000	15000
Miscellaneous Expenses*	25000	20000	25000	24300	25000	26000	20000	19000
Total	1016000	978500	938000	919155	855000	829800	1030000	954500