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: 10880	**Date of Submission**: 09-09-2026

PART A- Profile of the Institute

A1.Name of the Institute: PERI INSTITUTE OF TECHNOLOGY	
Year of Establishment : 2010	Location of the Institute: No1 Peri Knowledge Park Mannivakkam
A2. Institute Address:PERI INSTITUTE OF TECHNOLOGY NO 1 MANNIVAKKAM WEST TAMBARAM CHENNAI 600048	
City:Chennai	State:Tamil Nadu
Pin Code:600048	Website:www.peri.education
Email:PRINCIPAL@PERIIT.COM	Phone No(with STD Code):044-35055400
A3. Name and Address of the Affiliating University (if any):	
Name of the University : ANNA UNIVERSITY	City: Kancheepuram
State : Tamil Nadu	Pin Code: 600048
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: **15**
- No. of PG programs: **5**

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	Agricultural Engineering	2023	2024	Agriculture Engineering
2	Engineering & Technology	PG	Applied Electronics	2012	--	Electronics and Communication Engineering
3	Engineering & Technology	UG	Artificial Intelligence and Data Science	2022	--	Computer Science and Engineering
4	Engineering & Technology	UG	Civil Engineering	2010	--	Civil Engineering
5	Engineering & Technology	PG	Communication Systems	2014	--	Electronics and Communication Engineering
6	Engineering & Technology	UG	Computer Science and Business System	2023	--	Computer Science and Engineering
7	Engineering & Technology	UG	Computer Science and Design	2025	--	Computer Science and Engineering
8	Engineering & Technology	UG	Computer Science and Engineering	2010	--	Computer Science and Engineering
9	Engineering & Technology	PG	Computer Science and Engineering	2012	--	Computer Science and Engineering

10	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2024	--	Computer Science and Engineering
11	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence)	2025	--	Computer Science and Engineering
12	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering
13	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2025	--	Computer Science and Engineering
14	Engineering & Technology	UG	Electrical & Electronics Engineering	2010	--	Electrical and Electronics Engineering
15	Engineering & Technology	UG	Electronics & Communication Engineering	2011	--	Electronics and Communication Engineering
16	Engineering & Technology	UG	Information Technology	2023	--	Computer Science and Engineering
17	Engineering & Technology	UG	Mechanical Engineering	2010	--	Mechanical Engineering
18	Engineering & Technology	PG	Power Electronics & Drives	2014	--	Electrical and Electronics Engineering
19	Engineering & Technology	UG	Robotics and Artificial Intelligence	2025	--	Mechanical Engineering
20	Management	PG	Master of Business Administration	2025	--	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	No	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)

No Record

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	2011 / --	60	Yes	2021	60	2021	F.No. Southern/1-9318148025/2021/ EOA Dated: 10-Jul-2021	Not accredited (specify visit dates, year)	18/11/2022	20/11/2022	0	4

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

Sanctioned Intake for Last Five Years for the Applied Electronics	
Academic Year	**Sanctioned Intake**
2024-25	60
2023-24	60
2022-23	60
2021-22	60
2020-21	120
2019-20	120

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr.R.Rajeswari
B. Nature of appointment:	Regular
C. Qualification:	M.Tech 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)	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	51	38	63	60	49	28	72
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	1	3	9	8	4	3
N3=Separate division if any	0	0	0	0	0	0	0
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.	51	39	66	69	57	32	75

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)	60	51	0	85.00
2023-24 (CAYm1)	60	38	0	63.33
2022-23 (CAYm2)	60	63	0	105.00

Average [(ER1 + ER2 + ER3) / 3] = 84.44≡ 17.00

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).	128.00	124.00	123.00
B=No. of students who graduated from the program in the stipulated course duration	51.00	30.00	72.00
Success Rate (SR)= (B/A) * 100	39.84	24.19	58.54

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 40.86

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)
X=(Mean of 1st 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 1st year/10)	6.41	5.47	6.11
Y=Total no. of successful students	36.00	52.00	57.00
Z=Total no. of students appeared in the examination	38.00	63.00	60.00
API [X*(Y/Z)]	6.07	4.51	5.80

Average API[(AP1+AP2+AP3)/3] : 5.46

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)	5.04	4.90	6.98
Y=Total no. of successful students	48.00	67.00	54.00
Z=Total no. of students appeared in the examination	55.00	66.00	55.00
API [X * (Y/Z)]	4.40	4.97	6.85

Average API [(AP1 + AP2 + AP3)/3] : 5.41

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)	7.24	6.77	7.25
Y=Total no. of successful students	57.00	54.00	30.00
Z=Total no. of students appeared in the examination	67.00	54.00	30.00
API [X*(Y/Z)]:	6.16	6.77	7.25

Average API [(AP1 + AP2 + AP3)/3] : 6.73

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	128.00	124.00	123.00
X=No. of students placed	48.00	15.00	58.00

Y=No. of students admitted to higher studies	1.00	2.00	1.00
Z= No. of students taking up entrepreneurship	1.00	1.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	39.06	14.52	47.97

Average Placement Index = (P_1 + P_2 + P_3)/3: 33.85 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.G.Nallathambi	XXXXXXX09K	M.E. and Ph.D.	Anna University	Information & Communication Engineering	01/06/2022	4.2	Professor	Professor	01/06/2022	Regular	Yes		No
2	Dr.A.V.Mayakkannan	XXXXXXX18Q	M.E. and Ph.D.	Sathyabama Institute of Science and Technology (Sathyabama University)	Power Electronics	01/06/2021	3.8	Professor	Professor	01/06/2021	Regular	No	28/02/2025	No
3	Dr.R.Dinesh kumar	XXXXXXX51L	M.E. and Ph.D.	St.Peter's Institute of Higher Education and Research	Information & Communication Engineering	03/08/2022	2.11	Associate Professor	Associate Professor	03/08/2022	Regular	Yes		No
4	Dr.K.Rajmohan	XXXXXXX92J	M.E. and Ph.D.	Annamalai University	Electronics & Instrumentation Engineering	03/10/2024	0.9	Associate Professor	Associate Professor	03/10/2024	Regular	Yes		No
5	Dr.K.Neelima	XXXXXXX54N	M.E. and Ph.D.	Bengaluru University	Information & Communication Engineering	01/08/2022	3	Associate Professor	Associate Professor	01/08/2022	Regular	No	31/07/2025	No
6	Mr.K.S.Senthil Kumar	XXXXXXX47Q	M.Tech	B. S. Abdur Rahman Crescent Institute Of Science And Technology	Communication System	07/09/2020	4.10	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr.L.Saravanan	XXXXXXX35P	M.E.	Anna University	Information & Communication Engineering	01/09/2022	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mr.G.Gokul Surendra Kumar	XXXXXXX50L	M.E.	Anna University	Mechatronics	01/07/2021	5.1	Assistant Professor	Assistant Professor		Regular	Yes		No

9	Mrs.S.Shobana	XXXXXXX38C	M.E.	Vels University (Vels Institute of Science, Technology & Advanced Studies)	Communication System	01/08/2019	7	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mrs.S.Priya	XXXXXXX32A	M.E.	Anna University	VLSI Design	01/07/2022	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mr.B.Balaji	XXXXXXX31K	M.Tech	Singhania University	VLSI Design	19/02/2024	1.4	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mrs.A.Mahalakshmi	XXXXXXX14L	M.E.	Anna University	Applied Electronics	16/09/2024	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mrs.M.Vickneswari	XXXXXXX62J	M.E.	Anna University	Applied Electronics	16/09/2024	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mrs.A.Sindhuja	XXXXXXX43B	M.E.	Anna University	Control and Instrumentation Engineering	16/09/2024	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Dr.S.China Venkateswarlu	XXXXXXX50Q	M.Tech and Ph.D.	Jawaharlal Nehru Technological University	Information & Communication Engineering	02/08/2021	1.11	Professor	Professor	09/08/2023	Regular	No	31/07/2023	No
16	Dr.Udayakumar Naluguru	XXXXXXX48G	M.Tech and Ph.D.	Sri Venkateswara University	Embedded Systems	01/08/2022	2.9	Associate Professor	Associate Professor	01/08/2022	Regular	No	31/05/2025	No
17	Mr.V.Narasimman	XXXXXXX82F	M.E.	Sathyabama Institute of Science and Technology	Applied Electronics	22/05/2023	2	Assistant Professor	Assistant Professor		Regular	No	31/05/2025	No
18	Mrs.S.Mahalakshmi	XXXXXXX67K	M.E.	Anna University	Communication System	01/07/2019	5.6	Assistant Professor	Assistant Professor		Regular	No	11/01/2025	No
19	Dr.M.Ramkumar Prabhu	XXXXXXX16M	M.E. and Ph.D.	Bharath University	Microwave Engineering	01/07/2021	4	Professor	Professor	01/07/2021	Regular	No	30/06/2025	No
20	Dr.G.Charulatha	XXXXXXX55H	M.E. and Ph.D.	Anna University	Image Processing	01/02/2019	5.3	Associate Professor	Associate Professor	09/02/2021	Regular	No	31/05/2024	No
21	Dr.M.Durairaj	XXXXXXX40J	M.E. and Ph.D.	Anna University	Wireless Power Transfer	08/02/2021	4.3	Associate Professor	Associate Professor	08/02/2021	Regular	No	31/05/2025	No
22	Dr.Kurtideepa Bhol	XXXXXXX49F	M.Tech and Ph.D.	Vellore Institute of Technology	VLSI Design	05/10/2020	3.9	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
23	Ms.S.DhivyaBharathi	XXXXXXX19Q	M.E.	Anna University	Applied Electronics	02/12/2019	3.5	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
24	Ms.V.Sharnya	XXXXXXX06R	M.Tech	Anna University	Applied Electronics	09/12/2019	4.5	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
25	Ms.B.Sundari	XXXXXXX67G	M.E.	Anna University	Applied Electronics	03/12/2018	4.5	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No

26	Mr.K.Kannadasan	XXXXXXX33B	M.E.	Anna University	Applied Electronics	02/01/2017	6.4	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
27	Mrs.J.AbishaBenelyn	XXXXXXX07C	M.E.	Anna University	Communication System	19/06/2013	8	Assistant Professor	Assistant Professor		Regular	No	30/06/2021	No
28	Ms.K.LakshmiPriya	XXXXXXX70M	M.E.	Anna University	VLSI Design	08/12/2020	3.7	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
29	Ms.M.Renuga	XXXXXXX21Q	M.E.	Sathyabama University	Applied Electronics	10/10/2020	4.9	Assistant Professor	Assistant Professor		Regular	No	31/07/2025	No
30	Ms.B.Kaleeswari	XXXXXXX12P	M.E.	B.S.Abdur Rahman University	VLSI Design	01/09/2021	2.4	Assistant Professor	Assistant Professor		Regular	No	31/01/2024	No
31	Ms.Angelin Flashy	XXXXXXX92D	M.E.	St.Peter's Institute of Higher Education and Research	VLSI Design	01/07/2022	1.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
32	Ms. V.Vennisa	XXXXXXX33H	M.Tech	Sastra University	Communication System	05/01/2019	4.4	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
33	Mr.T.Satish	XXXXXXX61B	M.E.	Anna University	Applied Electronics	01/07/2021	1.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
34	Mr.Raja Pandiyan	XXXXXXX07L	M.E.	Anna University	Communication System	01/07/2019	3.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
35	Dr.R.Rajeswari	XXXXXXX79B	M.Tech and Ph.D.	Anna University	Information & Communication Engineering	01/07/2022	4.1	Associate Professor	Associate Professor	01/07/2022	Regular	Yes		Yes
36	Mrs.K.Revathi	XXXXXXX18G	M.E.	Sathyabama University	Applied Electronics	03/07/2023	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Mrs.S.Steniffer Jebaruby	XXXXXXX83R	M.E.	Anna University	Applied Electronics	01/08/2022	4	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Ms.G.Rajeswari	XXXXXXX35P	M.E.	Anna University	Communication System	03/07/2023	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No

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

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 Department2

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

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	61	62	66
UG1.C	62	66	128
UG1.D	66	128	129
UG1: Electronics & Communication Engineering	**189**	**256**	**323**
PG1.A	12	12	12
PG1.B	12	12	12
PG1: Applied Electronics	**24**	**24**	**24**
PG2.A	12	12	18
PG2.B	12	18	18
PG2: Communication Systems	**24**	**30**	**36**
DS=Total no. of students in all UG and PG programs in the Department	237	310	383
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 237	**S2=** 310	**S3=** 383
DF=Total no. of faculty members in the Department	18	24	28
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 18	**F2=** 24	**F3=** 28
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= 13.17**	**SFR2= 12.92**	**SFR3= 13.68**
Average SFR for 3 years	**SFR= 13.26**		

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)	7	11	11.00	25.91
2023-24(CAYm1)	10	14	15.00	26.00
2022-23(CAYm2)	10	18	19.00	22.63

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	1.00	2.00	3.00	5.00	8.00	11.00
2023-24	2.00	3.00	3.00	6.00	10.00	15.00
2022-23	2.00	3.00	4.00	7.00	13.00	18.00
Average	RF1=1.67	AF1=2.67	RF2=3.33	AF2=6.00	RF2=10.33	AF2=14.67

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. M. Soukath Ahamed	Techanical Head	DADB-German Academy of Digital Education	Up skilling Course on 5G communication Technology	50.00
2	Mr. Krishnan Ravishankar	Techanical Head	Harrison Assessments, Solution Partner	Scientific Career Planning	50.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. G. Gopinath & Mr. B. Prabhu	Techanical Head	Shri Harshika Institute of Technical and Health Education	Mobile Technology	50.00
2	Mr. Erwin Sutanto	Techanical Head	University Airlangga	Digital Electronics	50.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. V. S. Rajan	Director	Aadhityaa Infomedia Technology	Internet of Things	50.00
2	Mr. Vivek Packiaraj	Director	Microchip Technology	Chip Technologies	50.00

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	27	38	11
2	No. of peer reviewed conference papers published	28	39	6
3	No. of books/book chapters published	0	7	1

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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(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	0	0	0	0	00	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	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(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	0	0	0	0	0	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
Dr.A.V.Mayakkannan	Mrs.S.Mahalakshmi	ECE	Personalized recommendation of topics by influence analysis using support vector machine algorithm	Prince Infotech	3 Months	1.20
Dr.M.Durairaj	Ms. V.Vennisa	ECE	Animal repellent system for smart farming using AI and Deep learning	Prince Infotech	3 Months	1.40
Dr. G.Charulatha	Dr. Kurtideepa Bhol	ECE	Virtual Cloth fitting in 2D	Prince Infotech	3 Months	9.34
						Amount received (Rs.):11.94

Total amount (Lacs) received for the past 3 years: 11.94

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)

(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
G Charulatha	Computer-Aided Design for Skin Disease Identification and Categorization using Image Processing	6 Months	0.50	0.50	Research findings
G Charulatha	Logistic Regression with Elliptical Curve Cryptography to Establish Secure IoT	6 Months	0.60	0.60	Research findings
			Amount received (Rs.): 1.10		

(CAYm3)

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

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 Devices and Circuits Laboratory	30	Cathode-Ray Oscilloscope, Function Generators, Regulated power supply, Multimeters, LCR Meter, Digital Trainer Kits, I Topics 20 1 1	60	Mrs. B. Hemalatha	Lab Assistant	B.E (ECE)
2	Linear Integrated Circuits Laboratory	30	Cathode-Ray Oscilloscope, Function Generators, Regulated power supply, LCR Meter, Digital Trainer Kits	40	Mrs. B. Hemalatha	Lab Assistant	B.E (ECE)
3	Digital Signal Processing Laboratory	30	Desktop Computers, Fixed-Point and Floating-Point DSP kits, Scilab v2.0, Signal Generators, Cathode-Ray Oscilloscope, Xilinx ISE 9.1i, FPGA boards, KiCad 10.0.2	40	Mr. S. Ashok Kumar	Lab Technicia n	Diploma in ECE
4	Communicati on Systems Laboratory	30	Cathode-Ray Oscilloscope, Function Generators, Communication Trainer Kits, Scilab v2.0, Regulated Power Supply, Microwave Test benches using Klystron	40	Mrs. B. Hemalatha	Lab Assistant	B.E (ECE)
5	Networks Laboratory	30	Embedded trainer kits with ARM board, embedded trainer kits suitable for wireless communication	40	Mr. S. Ashok Kumar	Lab Technicia n	Diploma in ECE
6	Microprocess or and Microcontroll er Laboratory	30	8085 Microprocessor kits, 8086 Microprocessor kit, 8051 Microcontroller kits, Desktop Computers, Interfacing kits	30	Mr. S. Ashok Kumar	Lab Technicia n	Diploma in 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 Devices and Circuits Laboratory	i. Switch off the power supply before making or modifying circuit connections. ii. Ensure proper earthing of all laboratory equipment and workbenches. iii. Avoid touching live circuits and exposed electrical connections. iv. Know the location of the fire extinguisher and first aid box and how to use them during emergencies. Fire extinguisher is in working condition, with an expiry date of 03.01.2027. v. Report damaged equipment, loose connections or electrical faults immediately to the faculty member or laboratory technician. vi. Avoid eating, drinking and unnecessary movement inside the laboratory. vii. Wear lab coat and shoes. viii. Do not remove, exchange or relocate laboratory components and equipment without permission. ix. Rings, bangles and other metal accessories should be removed before handling electrical equipment
2	Linear Integrated Circuits Laboratory	i. Switch off the power supply before inserting or removing ICs from the circuit. ii. Ensure correct power supply polarity and voltage levels before switching ON the circuits. iii. Handle ICs carefully and use proper ESD (Electrostatic Discharge) precautions. iv. Know the location of the fire extinguisher and first aid box and how to use them during emergencies. v. Report damaged equipment, loose connections or electrical faults immediately to the faculty member or laboratory technician. vi. Avoid eating, drinking and unnecessary movement inside the laboratory. vii. Wear lab coat and shoes. viii. Do not remove, exchange or relocate laboratory components and equipment without permission. ix. Rings, bangles and other metal accessories should be removed before handling electrical equipment.
3	Digital Signal Processing Laboratory	i. Ensure proper power connections and earthing for all computers and equipment. ii. Keep food and liquids away from computers and electronic equipment. iii. Switch off the equipment properly after completing the experiments. iv. Know the location of the fire extinguisher and first aid box and how to use them during emergencies. v. Avoid eating, drinking and unnecessary movement inside the laboratory. vi. Report damaged equipment, loose connections or electrical faults immediately to the faculty member or laboratory technician.
4	Communication Systems Laboratory	i. Ensure proper earthing of communication equipment and experimental setups. ii. Check all cables and connections before switching ON the equipment. iii. Avoid touching exposed terminals and RF connectors during operation. iv. Know the location of the fire extinguisher and first aid box and how to use them during emergencies. v. Avoid eating, drinking and unnecessary movement inside the laboratory. vi. Wear lab coat and shoes. vii. Report damaged equipment, loose connections or electrical faults immediately to the faculty member or laboratory technician.
5	Networks Laboratory	i. Ensure proper cable connections and avoid damaged network cables. ii. Keep computers, switches and networking equipment in a clean and ventilated environment. iii. Switch off the power supply before connecting or disconnecting hardware devices. iv. Know the location of the fire extinguisher and first aid box and how to use them during emergencies. v. Report damaged equipment, loose connections or electrical faults immediately to the faculty member or laboratory technician. vi. Wear lab coat and shoes.
6	Microprocessor and Microcontroller Laboratory	i. Switch off the power supply before connecting or removing interfacing kits and development boards. ii. Ensure correct power supply voltage and polarity for all microprocessor and microcontroller kits. iii. Ensure proper earthing and avoid handling electronic components with wet hands. iv. Know the location of the fire extinguisher and first aid box and how to use them during emergencies. v. Avoid eating, drinking and unnecessary movement inside the laboratory. vi. Wear lab coat and shoes. vii. Report damaged equipment, loose connections or electrical faults immediately to the faculty member or laboratory technician

D3. Project Laboratory/Research Laboratory

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)	300	15	3	2	19
2023-24(CAYm1)	480	24	9	3	32
2024-25(CAY)	600	30	13	4	37

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	3400000	3336278	14500000	13481339	6200000	6175781	15000000	14005004
Library	3950000	3880589	5500000	5458190	530000	539831	1200000	1104381
Laboratory equipment	3870000	3736684	2300000	2251792	3300000	3241803	0	0
Teaching and non-teaching staff salary	45500000	45460342	53000000	52606406	45000000	44405030	45000000	44123805
Outreach Programs	400000	386224	1400000	1382824	1400000	1315265	0	0
R&D	600000	592534	160000	151834	70000	60000	0	0
Training, Placement and Industry linkage	12000000	11883844	11000000	10321635	4300000	4229153	650000	631414
SDGs	15000	14500	110000	105000	28000	27605	0	0
Entrepreneurship	150000	147841	75000	72000	730000	721216	0	0
Others, specify (Laoratory Consumables, Maintenance &	60000000	57991286	25000000	24990557	33000000	32983807	38000000	37032371
Total	**129885000**	**127430122**	**113045000**	**110821577**	**94558000**	**93699491**	**99850000**	**96896975**

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	967500	934171	690000	675538	990000	972541	0	0
Software	360000	347947.7	250000	249905	198000	197902	95000	92580
SDGs	3750	3625	33000	31500	8400	8282	0	0
Support for faculty development	900000	869869.2	625000	624763	495000	494757	114000	111097
R & D	150000	148133.5	48000	45550	21000	18000	0	0
Industrial Training, Industry expert, Internship	1080000	1069545	990000	928947	215000	211457	19500	18942
(Laoratory Consumables, Maintenance & Spares,	480000	463930	200000	199924	165000	164919	57000	55548

Total	**3941250**	**3837221.4**	**2836000**	**2756127**	**2092400**	**2067858**	**285500**	**278167**