NATIONAL BOARD OF ACCREDITATION

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

Program Name : Electrical & Electronics 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
Electrical and Electronics Engineering	No	Electrical & Electronics 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	Electrical & Electronics Engineering	UG	2010 / --	60	Yes	2021	30	2021	F.No. Southern/1-9318148025/2021/ EOA Dated: 10.07.2021	Applying first time	--	--	0	4

Sanctioned Intake for Last Five Years for the Power Electronics & Drives	
Academic Year	**Sanctioned Intake**
2024-25	30
2023-24	30
2022-23	30
2021-22	30
2020-21	60
2019-20	60

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 :	Ms.S.L.Sreedevi
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)	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)	30	30	30	30	60	60	60
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	11	9	23	24	18	11	20
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	5	12	32	4	2
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.	11	9	28	36	50	15	22

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)	30	11	0	36.67
2023-24 (CAYm1)	30	9	0	30.00
2022-23 (CAYm2)	30	23	0	76.67

Average [(ER1 + ER2 + ER3) / 3] = 47.78≡ 5.00

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).	66.00	64.00	62.00
B=No. of students who graduated from the program in the stipulated course duration	28.00	12.00	20.00
Success Rate (SR)= (B/A) * 100	42.42	18.75	32.26

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 31.14

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)	6.48	5.40	6.29
Y=Total no. of successful students	9.00	22.00	20.00
Z=Total no. of students appeared in the examination	9.00	23.00	24.00
API [X*(Y/Z)]	6.48	5.17	5.24

Average API[(AP1+AP2+AP3)/3] : 5.63

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)	4.58	5.02	5.48
Y=Total no. of successful students	23.00	24.00	38.00
Z=Total no. of students appeared in the examination	27.00	32.00	49.00
API [X * (Y/Z)]	3.90	3.76	4.25

Average API [(AP1 + AP2 + AP3)/3] : 3.97

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)	6.65	4.82	7.37
Y=Total no. of successful students	23.00	28.00	12.00
Z=Total no. of students appeared in the examination	24.00	38.00	12.00
API [X*(Y/Z)]:	6.37	3.55	7.37

Average API [(AP1 + AP2 + AP3)/3] : 5.76

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	66.00	64.00	62.00
X=No. of students placed	24.00	9.00	16.00
Y=No. of students admitted to higher studies	1.00	1.00	1.00
Z= No. of students taking up entrepreneurship	1.00	1.00	1.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	39.39	17.19	29.03

Average Placement Index = (P_1 + P_2 + P_3)/3: 28.54 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.R.Kanthimathi	XXXXXXX25J	M.E. and Ph.D.	Anna University	Power Electronics and Drives	22/06/2022	4.1	Associate Professor	Associate Professor	22/06/2022	Regular	Yes		No
2	Ms.S.L.Sreedevi	XXXXXXX12G	M.E.	Anna University	Power Systems	17/06/2013	13.1	Assistant Professor	Assistant Professor		Regular	Yes		Yes
3	Dr.S.Suganthi	XXXXXXX25K	M.E. and Ph.D.	Anna University	Power Systems	28/08/2024	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Mr.R.Tamilamuthan	XXXXXXX56J	M.E.	Anna University	VLSI Design	12/06/2017	8.1	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Mrs.Naga Lakshmi Sanivarapu	XXXXXXX39P	M.E.	Anna University	Power Electronics and Drives	04/08/2021	5	Assistant Professor	Assistant Professor		Regular	Yes		No

6	Ms.P.Aileen Sonia Dhas	XXXXXXX00K	M.E.	Anna University	Power Electronics and Drives	21/02/2024	1.4	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Ms.B.Pandyselvi	XXXXXXX06G	M.E.	Anna University	Power Systems	17/04/2023	1.4	Assistant Professor	Assistant Professor		Regular	No	31/08/2024	No
8	Ms.P.Priyadharshini	XXXXXXX33F	M.E.	Anna University	Embedded system Technologies	03/07/2023	3.1	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Dr.P.Yamuna	XXXXXXX75R	M.E. and Ph.D.	Anna University	Power Systems	01/07/2021	3.1	Associate Professor	Associate Professor	01/07/2021	Regular	No	31/07/2024	No
10	Ms.B.Dhivya	XXXXXXX43D	M.E.	Anna University	Applied Electronics	13/02/2023	2.4	Assistant Professor	Assistant Professor		Regular	No	27/06/2025	No
11	Mr.A.Antony Charles	XXXXXXX24R	M.Tech	Ponnaiyah Ramajayam Institute of Science and Technology (PRIST University)	Power Electronics and Drives	08/08/2022	0.11	Assistant Professor	Assistant Professor		Regular	No	31/07/2023	No
12	Mr.S.Srinivasan	XXXXXXX54N	M.E.	Hindustan Institute of Technology and Science (Hindustan University)	Power Electronics and Drives	01/11/2023	0.7	Assistant Professor	Assistant Professor		Regular	No	08/06/2024	No
13	Dr.S.Leela	XXXXXXX01Q	M.E. and Ph.D.	Bharath Institute of Higher Education and Research (Bharath University)	Power electronics and Industrial drives	03/05/2017	7.2	Professor	Professor	03/05/2017	Regular	No	31/07/2024	No
14	Dr.K.EzhilVignesh	XXXXXXX04R	M.E. and Ph.D.	Anna University	Power Systems	04/01/2021	2.6	Associate Professor	Associate Professor	04/01/2021	Regular	No	31/07/2023	No
15	Dr.G.Irin Loretta	XXXXXXX12H	M.E. and Ph.D.	Anna University	Power Systems	16/08/2021	1.11	Assistant Professor	Assistant Professor		Regular	No	31/07/2023	No
16	Dr.S.Dinakaraj	XXXXXXX88J	M.E. and Ph.D.	Vellore Institute of Technology	Power Electronics & Drives	03/01/2022	1.6	Assistant Professor	Assistant Professor		Regular	No	31/07/2023	No
17	Ms.J.Rekha	XXXXXXX67G	M.E.	Anna University	Power Electronics and Drives	17/12/2018	4.4	Assistant Professor	Assistant Professor		Regular	No	04/05/2023	No

18	Mr.M.B.Joseph Gerald	XXXXXXX25R	M.E.	Anna University	High Voltage engineering	17/12/2018	4.1	Assistant Professor	Assistant Professor		Regular	No	19/01/2023	No
19	Mr.A.Vasantharaj	XXXXXXX25K	M.E.	Anna University	High Voltage engineering	20/01/2020	2.6	Assistant Professor	Assistant Professor		Regular	No	30/07/2022	No
20	Ms.A.Vijayalakshmi	XXXXXXX66V	M.E.	Sathyabama Institute of Science and Technology (Sathyabama University)	Power electronics and Industrial drives	02/12/2021	1.1	Assistant Professor	Assistant Professor		Regular	No	02/01/2023	No
21	Ms.A.Himaja	XXXXXXX11C	M.E.	Gandhi Institute for Technological Advancement (GITA University)	VLSI Design	08/04/2022	1.3	Assistant Professor	Assistant Professor		Regular	No	31/07/2023	No
22	Ms. A.N.Abhirami	XXXXXXX61M	M.E.	Anna University	Power Electronics and Drives	13/06/2019	3.1	Assistant Professor	Assistant Professor		Regular	No	29/07/2022	No
23	Dr.T.N.Suresh	XXXXXXX47E	M.Tech and Ph.D.	Vels Institute of Science, Technology & Advanced Studies (Vels University)	Nano Technology	23/03/2023	1.4	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
24	Dr.J.Raji	XXXXXXX39C	M.E. and Ph.D.	Anna University	Power Electronics and Drives	02/02/2022	3.4	Associate Professor	Associate Professor	02/02/2022	Regular	No	01/07/2025	No
25	Dr. K Deepa	XXXXXXX98D	M.E. and Ph.D.	Anna University	Power Electronics & Drives	21/06/2022	3.1	Professor	Professor	21/06/2022	Regular	No	31/07/2025	No
26	Dr.V.Moorthy	XXXXXXX02C	M.E. and Ph.D.	Jawaharlal Nehru Technological University Hyderabad	Power Systems	08/08/2024	2	Professor	Professor	08/08/2024	Regular	Yes		No
27	Mrs.R.Anitha	XXXXXXX10B	M.E.	Anna University		03/08/2021	5	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. V Moorthy	XXXXXXX02C	NA	M.E. and Ph.D.	JNTU	Power Systems	08/08/2022	4	Professor	Professor	08/08/2022	Regular	Yes		No
2	Ms. S Vijayalakshmi	XXXXXXX82E	NA	M.E.	Anna University	Power Elecrtonics and Drives	19/02/2022	4.5	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Ms. T Sridevi	XXXXXXX43D	NA	M.E.	S R M University	Power Electronics and Drives	09/02/2022	3.4	Assistant Professor	Assistant Professor		Regular	No	28/06/2025	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	30	33	33
UG1.C	33	33	66
UG1.D	33	66	66
UG1: Electrical & Electronics Engineering	**96**	**132**	**165**
PG1.A	18	18	18
PG1.B	18	18	18
PG1: Power Electronics & Drives	**36**	**36**	**36**
DS=Total no. of students in all UG and PG programs in the Department	132	168	201
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=** 132	**S2=** 168	**S3=** 201
DF=Total no. of faculty members in the Department	12	13	15
AF= Total no. of faculty members in the allied Departments	3	3	3
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 15	**F2=** 16	**F3=** 18

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
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= 8.80**	**SFR2= 10.50**	**SFR3= 11.17**
Average SFR for 3 years	**SFR= 10.16**		

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)	5	7	6.00	32.50
2023-24(CAYm1)	6	7	8.00	27.50
2022-23(CAYm2)	7	8	10.00	25.50

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	1.00	2.00	4.00	8.00
2023-24	1.00	2.00	2.00	3.00	6.00	8.00
2022-23	1.00	2.00	2.00	4.00	7.00	9.00
Average	RF1=1.00	AF1=2.00	RF2=1.67	AF2=3.00	RF2=5.67	AF2=8.33

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. Selvakumar Neethimani	Director	Eagle Wind Tech, Chennai	Skill Development Course	60.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. D. Anand	Technical Head	Automobile and Project Management, Cloudkampus, e- learning Division, Chennai	Skill Development Course	60.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Rajendra Nalluri	Technical Head	Automobile and Project Management, Cloudkampus, e- learning Division, Chennai	Skill Development Course	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	2	2	0
2	No. of peer reviewed conference papers published	4	3	3
3	No. of books/book chapters published	1	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
Dr. S. L. Sreedevi	Dr.S.Suganhti	EEE	Sustainable Biogas Production from Food Waste	Edmi educational services,No.7/ 32, Priyanka Gandhi St, M.G.R Nagar, K.K Nagar, Chennai - 78	9 Months	265000.00
						Amount received (Rs.):265000.00

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

Total amount (Lacs) received for the past 3 years: 265000.00

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
S.L. Sreedevi	PV fed SEPIC Converter for grid tied system with ultra capacitor	4 Months	0.01	0.10	paper published
B. Dhivya	E- Vehicle Charging System using RFID	5 months	0.01	0.08	paper published
K. Deepa , R.Kanthimathi ,	Condition Monitoring of Transformer using IOT	4 months	0.01	0.08	paper published
Dr. K. Deepa	Hybrid nano fabrication	7 months	0.70	0.70	paper published
Aileen Sonia P	Battery Management System for Electric Trolly	4 months	0.01	0.08	paper published
Aileen Sonia P.	Last-Mile Voltage Stability Enhancement Using Smart Meters	4 months	0.01	0.08	paper published
Mr. Tamilamudhan R	System Integration of Electric Trolley	4 months	0.01	0.08	paper published
Dr. Kanthimathi R	PID Controller Design for Electric Trolley	4 months	0.01	0.08	paper published
Mr. Antony Charles A	Design Of BLDC Motor for Electric Trolley	4 months	0.01	0.08	paper published
Ms. Sreedevi S L	Aquatic Junk Scrubber	4 Months	0.01	0.08	paper published
			Amount received (Rs.): 0.79		

(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
S.L Sreedevi	An AC-DC single stage Full bridge hybrid converter with improved output characteristics	4 months	5000.00	5000.00	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://ijirt.org/publishedpaper/IJIRT155826_PAPER.pdf
S.L. Sreedevi	DC-DC Boost Converter with Ripple Reduction Techniques for Electric Vehicle	4 months	10000.00	7500.00	paper published
			Amount received (Rs.): 15000.00		

(CAYm3)

Total amount (Lacs) received for the past 3 years : 15000.79

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	Electrical Machines Laboratory	3	DC Shunt Motor Coupled With Three phase Salient Pole Alternator DC Shunt Motor Coupled With Three-Phase Non-Salient Pole Alternator 2 No's Three	2017 Regulatic	Mr.Sabareesan	Lab Assistant	B.E EEE
2	Power Electronics And Drives Laboratory	3	Cathode Ray Oscilloscope-4 No's Regulated DC power supply-10 No's Digital Storage oscilloscope-1 No's Isolation Transformer 1 No's Auto	2017 regulatior	Ms.Gowri	Lab Assistant	B.E ECE
3	Engineering Practices Laboratory/IDEA Lab/Circuit Theory Lab	3	Single phase house wiring setup-2 No's Ceiling fan wiring setup-2 No's Staircase wiring setup-2 No's Fluorescent lamp 2 No's Emergency lamp wiring	2017 regulatior	Mr.Sabareesan	Lab Assistant	B.E EEE
4	Power System Simulation Laboratory	3	Personal computers(Intel i3,80 GB,2 GB RAM) loaded with Cloud platform Matlab/equivalent software package 10No's Printer Laser Dot matriy printer	2017 regulaion	Ms.Gowri	Lab Assistant	B.E ECE
5	Renewable energy systems laboratory	3	Personal computers(Intel i3,80 GB,2 GB RAM)-5No's CRO 30MHz- 2No's PV panels -100W,24 V-2 No's Battery storage systems 2No's Solar PV Emulator	2017 regulatior	Ms.Gowri	Lab Assistant	B.E ECE
6	Control Systems Lab	3	Analog PID trainer kit Instrumentation Amplifier kit Analog simulation of Type 0 and Type 1 system kit Motor with spring balance module Controller kit	2021 regulatior	Ms.Gowri	Lab Assistant	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	Electrical Machines Laboratory	1. Do not energize a circuit before it is checked by the instructor. 2. Never handle live circuits. 3. If any components and connections in the circuit has to be changed de-energize the circuit first. 4. Do not touch any insulated part of an energized circuit. 6. Disconnect the source of power first before checking the circuit connection 7. Disconnect the clip and of the potential leads when changing meter range of volt meters. 8. Keep neckties, loose clothing away from the rotating parts. 9. Report immediately if there is any damage in the equipment. 10. Report immediately to the lab supervisor if any injuries occur. 11. Know the location of the fire extinguisher and the first aid box and how to use them in case of an emergency. 12.wear shoes while working in laboratory 13. Electrical equipment's are properly grounded.
2	Power Electronics Laboratory	1.Avoid contact with energized electrical circuits 2. Disconnect the power source before servicing or repairing electrical equipment. 3. Use only tools and equipment with non-conducting handles when working on electrical devices. 4.Know the current and voltage rating of the devices and kits before using them in the experiment 5.Handle the trainer kits properly 6. Enclose all electric contacts and conductors so that no one can accidentally come into contact with them. 7. Never handle electrical equipment when hands, feet, or body are wet or perspiring, or when standing on a wet floor. 8. De-energize open experimental circuits and equipment to be left unattended. 9. Do not wear loose clothing or ties near electrical equipment. 10. Know the location of the fire extinguisher and the first aid box and how to use them in case of an emergency.
3	Power System Simulation Laboratory	1. Know the location of the fire extinguisher and the first aid box and how to use them in case of an emergency. 2. Report if there any broken plugs or exposed electrical wires to your faculty/laboratory technician immediately. 3. Avoid stepping on electrical wires or any other computer cables. 4. Do not insert metal objects such as clips, pins and needles into the computer casings. They may cause fire. 5. Do not remove any connectors from any ports from the computer without permission. 6.Do not touch, connect or disconnect any plug or cable without your faculty /laboratory technician's permission 7. Anti-virus software is installed in all the computer system.
4	Electric Circuit laboratory, Engineering Practices laboratory	1. Never handle electrical circuits with wet hands or when standing in water to prevent electrical shock. 2. Use non-conductive mats or wear thick-soled, insulating shoes to insulate yourself from the ground. 3. Remove any conductive jewelry like rings, watches, or necklaces, as these can act as conductors. 4. Only use tools with non-conducting handles to protect yourself from electric shock. 5. wear leather shoes and follow dress code while working in laboratory
5	Renewable energy systems lab	1. Know the location of the fire extinguisher and the first aid box and how to use them in case of an emergency, 2.Rubber mats are provided near working table 3.Proper earthing has been done for all equipment's 4.Working table also has been earthed properly
6	Control Systems Lab	1. Switch OFF the power supply before modifying any circuit connections. 2. Use non-conductive mats or wear thick-soled, insulating shoes to insulate yourself from the ground. 3. Remove any conductive jewelry like rings, watches, or necklaces, as these can act as conductors. 4. Only use tools with non-conducting handles to protect yourself from electric shock. 5. Wear leather shoes and follow dress code while working in laboratory

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	4	1	23
2023-24(CAYm1)	480	24	10	1	34
2024-25(CAY)	600	30	15	1	41

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	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	460000	450358	660000	648361	0	0

Software	300000	289956.43	225000	224915	165000	164719	57000	55548
SDGs	3750	3625	22000	21000	5600	5521	0	0
Support for faculty development	480000	463930	375000	374858	330000	329838	76000	74064
R & D	150000	148133.5	32000	30367	14000	12000	0	0
Industrial Training, Industry expert, Internship	720000	713030	660000	619298	172000	169166	13000	12628
Miscellaneous Expenses*	360000	347947.7	150000	149943	132000	131935	38000	37032
Total	**2981250**	**2900793.63**	**1924000**	**1870739**	**1478600**	**1461540**	**184000**	**179272**