

NATIONAL BOARD OF ACCREDITATION
Data Capturing Points of the Program Applied for
NBA Accreditation - Tier I UG (Engineering) Institute Programs
PART A: Profile of the Institute

Name of the Program Applied for: B.E. ELECTRICAL AND ELECTRONICS ENGINEERING

A1. Name of the Institute : K.L.N. College of Engineering (Autonomous)

Year of Establishment : 1994

Location of the Institute:
Madurai – Nedunkulam Road,
Pottapalayam- 630612
Sivagangai District
Tamil Nadu

A2. Institute Address:-

City : Pottapalayam, Sivagangai State : Tamil Nadu

Pin Code :630612 Website: www.klnce.edu

E-mail : info@klnce.edu Phone No (with STD Code):0452-2090184

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 : (Tick the applicable choice)

Institute of National Importance

Deemed to be University

University

Autonomous

Non –Autonomous (affiliated)

Any other (Please specify)*

A5. Ownership Status : (Tick the applicable Choice)

Central Government

State Government

Grant-in-Aid

Self- Financing Trust

Any other (Please Specify*)

***Provide Details:**

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

❖ **No. of UG programs: 8**

❖ **No. of PG programs: 5**

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

S. No	Level of Program (UG/PG)	Name of the Program	Year of Start	Year of close	Name of the Department
1	UG	B.E. Mechanical Engineering	1994	-	Mechanical Engineering
2	UG	B.E. Electrical and Electronics Engineering	1994	-	Electrical and Electronics Engineering
3	UG	B.E. Electronics and Communication Engineering	1994	-	Electronics and Communication Engineering
4	UG	B.E. Computer Science and Engineering	1997	-	Computer Science and Engineering
5	UG	B. Tech. Information Technology	1999	-	Information Technology
6	UG	B.Tech. Artificial Intelligence and Data Science	2021	-	Artificial Intelligence and Data Science
7	UG	B.E. Computer Science and Engineering (Cyber Security)	2022	-	Computer Science and Engineering (Cyber Security)
8	UG	B.E. Computer Science and Engineering (Internet of Things)	2023	-	Computer Science and Engineering (Internet of Things)
9	PG	M.E. Communication Systems	2004	-	Electronics and Communication Engineering
10	PG	M.E. Power System Engineering	2005	-	Electrical and Electronics Engineering
11	PG	M.E. CSE (With Specialization in Networks)	2013	-	Information Technology
12	PG	Master of Computer Application (MCA)	1997	-	Master of Computer Application
13	PG	Master of Business Administration (MBA)	1997	-	Master of Business Administration

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

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

S.No.	Name of the Department	Name of the Program
1.	Mechanical Engineering	B.E. Mechanical Engineering
2.	Electrical and Electronics Engineering	B.E. Electrical and Electronics Engineering
3.	Electronics and Communication Engineering	B.E Electronics and Communication Engineering
4.	Computer Science and Engineering	B.E. Computer Science and Engineering
5.	Information Technology	B.Tech. Information Technology

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

S. No.	Name of the Department (in table no. A7.1)	Name of allied Departments / Cluster (for table no.A7.1)
1.	Mechanical Engineering	---
2.	Electrical and Electronics Engineering	---
3.	Electronics and Communication Engineering	---
4.	Computer Science and Engineering	Information Technology
		Artificial Intelligence and Data Science
		Computer Science and Engineering (Cyber Security)
		Computer Science and Engineering (Internet of Things)
5.	Information Technology	Computer Science and Engineering
		Artificial Intelligence and Data Science
		Computer Science and Engineering (Cyber Security)
		Computer Science and Engineering (Internet of Things)

PART-B: Program information

(Data to be filled in for the program applied for Accreditation)

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

Table No. B1: Program details.

S. N.	Program Name	Year of start	Sanctioned Intake	Increase/decrease in intake, if any	Year of increase/decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	B.E. – Electrical and Electronics Engineering	1994	40	60 Increase 90 Increase 120 Increase 90 Decrease 60 Decrease	1996 2002 2011 2021 2022	First approval: F.732-50-8/RC/94; Dated: 11/08/1994 F.No. Southern/1 - 436618236 68/ 2024/EOA Date of Approval: 20-May - 2024	1.Three Years W.E.F. 19-3-2004 2. Three Years W.E.F. 19-7-2008 3. Two Years W.E.F. 05-08-2013 4. Accredited for 3 years – 2016-2017 to 2018 – 2019 (Upto 30.06.2019) 5. Accredited for 3 years – 2019-2020 to 2021 – 2022 (Upto 30.06.2022)	5

* Write applicable one:

- ❖ Applying first time
- ❖ Granted accreditation for 2/3 years for the period (specify period)
- ❖ Granted accreditation for 5/6 years for the period (specify period)
- ❖ Not accredited (specify visit dates, year).
- ❖ Withdrawn (specify visit dates, year)
- ❖ Not eligible for accreditation.

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

A. Name of the HoD : Dr. S.M. Kannan

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

- ❖ Regular
- ❖ Contract
- ❖ Ad hoc

C. Qualification: (Tick the applicable choice)

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

***Please provide details: _____**

B3: Program Details

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

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY 2024-2025	CAYm1 2023-2024	CAYm2 2022-2023	CAYm3 2021-2022	CAYm4 (LYG) 2024	CAYm5 (LYGm1) 2023	CAYm6 (LYGm2) 2022
N= Sanctioned intake of the program (as per AICTE /Competent authority)	60	60	60	90	120	120	120
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	40	47	40	67	47	37	37
N2= Number of students admitted in 2 nd year in the same batch via lateral entry including leftover seats	5	13	7	14	14	8	2
N3= Separate division if any							
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	-	-	-	-	-	-	-
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	45	60	47	81	61	45	39

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.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY 2024-2025	CAYm1 2023-2024	CAYm2 2022-2023
N= Sanctioned intake of the program in the 1 st year (as per AICTE/Competent authority)	60	60	60
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	40	47	40
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	0	0	0
Enrolment Ratio (ER)= (N1+N4)/N	40/60= 66.66	47/60= 78.33	40/60= 66.66
Average ER= (ER_1+ ER_2+ ER_3)/3	70.5		

B5: Success Rate of the Students in the Stipulated Period of the Program**Table No.B5.1:** The success rate in the stipulated period of a program.

Item	LYG	LYGm1	LYGm2
	2024	2023	2022
A*= (No. of students admitted in the 1 st year of that batch and those actually admitted in the 2 nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	61	45	39
B=No. of students who graduated from the program in the stipulated course duration	58	45	39
Success Rate (SR)= (B/A)*100	95.08	100	100
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	98.36		

Note *: If the value of A in Table No. B5.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No.B5.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

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	CAYm2	CAYm3
	(2023-24)	(2022-23)	(2021-22)
X= (Mean of 1 st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1 st year/10)	8.234	8.04	7.93
Y= Total no. of successful students	33	35	60
Z = Total no. of students appeared in the examination	47	40	67
API = X* (Y/Z)	5.78	7.035	7.027
Average API = (API_1 + API_2 + API_3)/3	6.614		

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	CAYm2	CAYm3
	(2023-24)	(2022-23)	(2021-22)
X= (Mean of 2 nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2 rd year/10)	8.163	8.08	8.79
Y= Total no. of successful students	41	68	59
Z =Total no. of students appeared in the examination	53	73	61
API = X* (Y/Z)	6.315	7.53	8.5
Average API = (API_1 + API_2 + API_3)/3	7.45		

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 3 rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3 rd year/10)	8.22	8.41	8.79
Y= Total no. of successful students	58	59	45
Z= Total no. of students appeared in the examination	73	61	45
API = X* (Y/Z)	6.53	8.13	8.79
Average API = (API_1 + API_2 + API_3)/3	7.82		

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

Item	LYG (2024)	LYGm1 (2023)	LYGm2 (2022)
FS*=Total no. of final year students	61	45	39
X= No. of students placed	46	32	31
Y= No. of students admitted to higher studies	1	1	1
Z= No. of students taking up entrepreneurship	0	0	0
X + Y + Z =	47	33	32
Placement Index (P) = (((X + Y + Z)/FS) * 100)	77.05	73.33	82.05
Average placement index = (P_1 + P_2 + P_3)/3	77.48		

Note *: If the value of FS in Table No. B9.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of FS in Table No. B9.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

Part – C: Faculty Details in department and allied departments

(Date to be filled in for the departments 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 2024-2025

S.N.	Name of the Faculty	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1.	Dr. S.M. KANNAN	Ph.D.	Anna University	Power Systems	18/07/1996	28 Years	Assistant Professor	Professor & Head	01/04/2009	Regular	NA	Y	NA
2	Dr. S. VENKATESAN	Ph.D.	Anna University	Power Systems	09/06/2000	24 Years	Assistant Professor	Professor	15/10/2010	Regular	NA	Y	NA
3	Dr. K. GNANAMBAL	Ph.D.	Anna University	Power Systems	02/06/2004	20 Years	Assistant Professor	Professor	01/03/2011	Regular	NA	Y	NA
4	Dr. S. PARTHASARATHY	Ph.D.	Anna University	Power Quality	17/12/2003	21 Years	Assistant Professor	Professor	01/07/2015	Regular	NA	Y	NA
5	Dr. S.VENKATANARAYANAN	Ph.D.	Anna University	Power Electronics	02/05/2008	16 Years	Assistant Professor	Professor	02/05/2016	Regular	NA	Y	NA
6	Dr.P. LOGANTHURAI	Ph.D.	Anna University	Energy	09/01/2004	21 years	Assistant Professor	Associate Professor	01/07/2010	Regular	NA	Y	NA
7	Dr.M.JEGADEESAN	Ph.D.	Anna University	Power Systems	01/02/2006	18 Years	Assistant Professor	Associate Professor	01/07/2010	Regular	NA	Y	NA
8	Mr.A.MARIMUTHU	M. Tech.	IIT Madras	Power Systems & Power Electronics	21/06/1999	25 Years	Assistant Professor	Assistant Professor	01/07/2010	Regular	NA	Y	NA
9	Dr.S.MANOHARAN	Ph.D.	Anna University	Power Systems	01/07/2010	14 Years	Assistant Professor	Assistant Professor	01/07/2010	Regular	NA	Y	NA
10	Dr. M.GANESH KUMARI	Ph.D.	Anna University	Power Electronics	16/06/2008	16 Years	Assistant Professor	Assistant Professor	01/09/2013	Regular	NA	Y	NA

11	Mr.M.BALAMURUGAN	M.E.	Anna University	Power Systems	02/06/2010	14 Years	Assistant Professor	Assistant Professor	01/07/2010	Regular	NA	Y	NA
12	Mr.R.JEYAPANDI PRATHAP	M.E.	Anna University	Power Electronics & Drives	02/07/2011	13 Years	Assistant Professor	Assistant Professor	02/07/2011	Regular	NA	Y	NA
13	Mr. N.VIMAL RADHA VIGNESH	M.E.	Anna University	Power Systems	07/12/2011	13 Years	Assistant Professor	Assistant Professor	07/12/2011	Regular	NA	Y	NA
14	Mr.R. THANGA SANKARAN	M.E.	Anna University	Power Electronics and Drives	30/08/2023	1.6 years	Assistant Professor	Assistant Professor	30/08/2023	Regular	NA	Y	NA
15	Dr. C. VIMALARANI	Ph.D.	Anna University	Power Electronics & Drives (Power Converters)	15/06/2016	6 years	Assistant Professor	Associate Professor	02/01/2017	Regular	NA	N	28/02/2023
16	Mr.M.JEYA MURUGAN	M.E.	Anna University	Power Electronics & Drives	01/07/2010	14 Years	Assistant Professor	Assistant Professor (SG)	01/09/2013	Regular	NA	N	31/08/2024
17	Mr.A.MANOJ	M.E.	Anna University	VLSI Design	07/12/2011	12 Years	Assistant Professor	Assistant Professor	07/12/2011	Regular	NA	N	21/09/2024
18	Ms.R.SRIDEVI	M.E.	Anna University	VLSI Design	30/06/2015	7 Years	Assistant Professor	Assistant Professor	30/06/2015	Regular	NA	N	28/02/2023

C2 : Student Faculty Ratio (SFR)

- ❖ No. of UG(Engineering) programs in Department including allied departments/ clusters (UG_n):
 - UG₁=1st UG program
 - UG_n=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 (PG_m):
PG₁=1st PG program.
 - PG_m=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)).

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

Year	CAY (2024-2025)	CAYm1 (2023-2024)	CAYm2 (2022-2023)
UG ₁ . B // 2 nd year students of UG ₁ program	60+5 = 65	60 + 13 (limited to 6) = 66	90 + 7 = 97
UG ₁ . C // 3 rd year students of UG ₁ program	60 + 13 (Limited to 6) = 66	90+7 = 97	120 + 14 (limited to 12) = 132
UG ₁ . D // 4 th year students of UG ₁ program	90+7 = 97	120+14 (limited to 12) = 132	120 + 8 = 128
UG ₁ // Total no.of students(2 nd , 3 rd , 4 th) in UG ₁ program	228	295	357
...			
UG _n . B // 2 nd year students of UG _n program			
UG _n . C // 3 rd year students of UG _n program			
UG _n . D // 4 th year students of UG _n program			
UG _n // Total no.of students(2 nd , 3 rd , 4 th) in UG _n program	UG _n .B+UG _n .C+UG _n .D	UG _n .B+UG _n .C+UG _n .D	UG _n .B+UG _n .C+UG _n .D
PG ₁ . A // 1 st year students of PG ₁ program	12	12	12
PG ₁ . B // 2 nd year students of PG ₁ program	12	12	12
PG ₁ // Total no.of students(1 st , 2 nd) in PG ₁ program	24	24	24
.....			
PG _m . A // 1 st year students of PG _m program			
PG _m . B // 2 nd year students of PG _m program			
PG _m // Total no.of students(1 st , 2 nd) in PG _m program	PG _m .A+ PG _m .B	PG _m .A+ PG _m .B	PG _m .A+ PG _m .B
DS=Total no. of students in all UG and PG programs in the Department	252	319	381
AS=Total no. of students of all UG and PG programs in allied departments	-	-
S=Total no. of students in the Department (DS) and allied departments (AS)	252	319	381
DF=Total no. of faculty members in the Department	14	16	16
AF= Total no. of faculty members in the allied Departments	-	-	-
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	14	16	16
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=252/14= 18.00	SFR2=319/16 = 19.94	SFR3=381/16= 23.81
Average SFR for 3 years	Average SFR = (18.00+19.94+23.81)/3 =20.58		

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	FQI= $2.5 * [(10X + 4Y)/RF]$
CAY 2024-2025	9	5	252/20= 12.60	$2.5 * [(10 \times 9 + 4 \times 5)/12.60]=21.80$
CAYm1 2023-2024	9	7	319/20= 15.95	$2.5 * [(10 \times 9 + 4 \times 7)/15.95]=18.49$
CAYm2 2022-2023	9	7	381/20= 19.05	$2.5 * [(10 \times 9 + 4 \times 7)/19.05]=15.48$
Average Assessment				$(21.8+18.49+15.48)/3=18.60$

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 Faculty (RF1)	Available Faculty (AF1)	Required Faculty (RF2)	Available Faculty (AF2)	Required Faculty (RF3)	Available Faculty (AF3)
CAY 2024-2025	$(1/9) * 12.6 = 1.40$	5	$(2/9) * 12.6 = 2.8$	2	$(6/9) * 12.6 = 8.4$	7
CAYm1 2023-2024	$(1/9) * 15.95 = 1.77$	5	$(2/9) * 15.95 = 3.54$	2	$(6/9) * 15.95 = 10.63$	9
CAYm2 2022-2023	$(1/9) * 19.05 = 2.11$	5	$(2/9) * 19.05 = 4.23$	2	$(6/9) * 19.05 = 12.7$	9
Average Numbers	RF1=1.76	AF1=5	RF2=3.52	AF2=2	RF3=10.57	AF3=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.

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
CAYm1 2023-2024				
1	Mr. A. Kesavan	CEO, Quantanics Techserv Pvt. Ltd, Madurai.	Embedded Systems and Controller Applications	70
Total no. of hours:				70
CAYm2 2022-2023				
1	Mr.V.Selvaganesh	Director -Electrical -R&D, Shubham Solutions, Madurai	Embedded Systems and Controller Applications	70
Total no. of hours:				70
CAYm3 2021-2022				
1	Mr.V.Selvaganesh	Director-Electrical -R&D, Shubham Solutions, Madurai	Embedded Systems and Controller Applications	50
Total no. of hours:				50

C6: Academic Research**Table No. C6.1:** Faculty publication details.

S.N.	Item	CAYm1 (2023- 2024)	CAYm2 (2022- 2023)	CAYm3 (2021- 2022)
1	No. of peer reviewed journal papers published	3	4	2
2	No. of peer reviewed conference papers published	36	21	17
3	No. of books/book chapters published	1	-	-

C7: Sponsored Research Project**Table No. C7.1:** List of sponsored research projects received from external agencies.

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1 (2023-2024)							
1	Dr. S.Parthasarathy	Mr.R. Thangasankaran	EEE	Electrical Power Utility Management for Power Quality, Energy Efficiency and Safety	Fluke Technologies India	1 day	5.00
Amount received (Rs.)							5.00
CAYm2 (2022-2023)							
1	Dr. S.Parthasarathy	-	EEE	AKAM-ANU-YATRA 2022 "Atoms in the service of the Nation"	Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam	2 Days	0.75
2	Dr. S.Parthasarathy	-	EEE	Pedal Cycle and Pedal Fabrication work	Alagarmmal Sangili Nadar Education Public Trust, Madurai	1 day	0.20
3	Mr. M.Jeyamurugan	-	EEE	Rocker bogie suspension based alive human detector	Tamil Nadu State Council for Science and Technology, Students Project Scheme 2022-2023	1 Year	0.075
Amount received (Rs.)							1.025

CAYm3 (2021-2022)

1	Dr. S.Parthasarathy	Dr. A.V. Ramprasad Prof/ECE & Principal, Prof. S.Nallathambi, Assistant Prof/Mech	EEE/ Mech/ ECE	Laser Based Hydraulic Controlled Variable Length Land Leveler Cum Plough Device with Remote Monitoring System	Department of Science and Technology, New Delhi	2 Years 3 Months	Sanctioned- 85.35 lakhs Received during 2021-2022 - 14 lakhs
2	Dr. S.Parthasarathy		EEE	Science and Technology Capacity Building for Industrial Needs	TNSCST, Chennai	6 days	1.50
Amount received (Rs.)							15.50
Total Amount (Lacs) Received for the Past 3 Years							21.525

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

S. No	PI name	Co-PI names if any	Name of the Dept., where Project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1 (2023-2024)							
1.	Dr.Parthasarathy	Mr.R. Thangasankaran	EEE	Thermal Audit study	E.I.D.Parry, sivaganga	1 day	0.17
2.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	EPLS Industries, Pudukottai	1 day	0.10
3.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	R.K. Industries, Chengalpattu	1 day	0.10
4.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Premier Poly pack, Pudukottai	1 day	0.07
5.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Lorthusamy coir spring Industries, Pudukottai	1 day	0.07
6.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	udyam coir Fiber Industries, Pudukottai	1 day	0.07
7.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	southeren Garments bits, Pudukottai	1 day	0.07
8.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S. Ponkavi Filaments, Karur	1 day	0.10
9.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Str Bricks Activity, Karur	1 day	0.10
10.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sun Coirs Activity, Karur	1 day	0.10
11.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sri Manvel Raja Fibre, Karur	1 day	0.07
12.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. A.R.S.K. Exports, Karur	1 day	0.07
13.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Sri Balaji Rice Mill, Nagapatinam	1 day	0.10
14.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Sir Annamalaiyar Morden rice mill, Arani, Thiruvannamalai	1 day	0.09
15.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	IBlue industries, Villupuram	1 day	0.10
16.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Wintech Industries PVT Ltd, Villupuram	1 day	0.10
17.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Jayashri Coir, Namakkal	1 day	0.10
18.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Jeyam Fly Ash Bricks, Ariyalur	1 day	0.10
19.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Haji Abbas Mills, Theni	1 day	0.10

20.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Ibahim & Co., Theni	1 day	0.10
21.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.MVP Engineers, Theni	1 day	0.053
22.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Balaji Modern Rice Mill, Nagapatinam	1 day	0.10
23.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.Kalai Ice Plant, Cuddalore	1 day	0.10
24.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.Siva Kalai Ice Plant, Cuddalore	1 day	0.08
25.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Agro coir Fibers and Substrates, Salem	1 day	0.06
26.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Indian Fly Ash Bricks, Salem	1 day	0.10
27.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.Sri Balaji Weld Mesh, Salem	1 day	0.11
28.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Jeyam Fly Ash Bricks, Ariyalur	1 day	0.10
29.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Kiruthiga Coconut Coir spinning Unit, Trichy	1 day	0.10
30.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sowmiya Coconut Coir Spinning Unit, Trichy	1 day	0.05
31.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Arun Ice Plant, Cuddalore	1 day	0.10
32.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.Bharathi Oil Mills, cuddalore	1 day	0.12
33.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s, J. M Ice Plant, Ramanathapuram	1 day	0.07
34.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M.s, AAquiB Pet Industry, Thiruvallur	1 day	0.10
35.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.Adam Enterprises, Thiruvallur	1 day	0.10
36.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. AVM Modern Rice Mill, Thiruvannamalai	1 day	0.10
37.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Exclusive Garments, thiruvannamalai	1 day	0.10
38.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. A.S. Aqua Farms, Villupuram	1 day	0.10
39.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Euro Packs, Villupuram	1 day	0.10
40.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Chennai Die Centre, Chengalpattu	1 day	0.10
41.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. PS Exports and Consolidates pvt Ltd., Chengalpattu	1 day	0.10
42.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. AI Enterprises Private Limited,	1 day	0.10

					Chennai		
43.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. ESSEE Metal Containers Pvt Ltd., Chennai	1 day	0.05
44.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Saravana Hi-Tech Agro Foods, Kallakurichi	1 day	0.10
45.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Star Bricks, Karur	1 day	0.10
46.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Ponkavi Filaments, Karur	1 day	0.10
47.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Sun Coirs Activity, karur	1 day	0.053
48.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/ss. Marvest Aqua Protein Private Limited, Nagapattinam	1 day	0.15
49.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. VSA Foods and Beverages Private Limited, Dindigul	1 day	0.10
50.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sri Abisheik Textiles, Dindigul	1 day	0.10
51.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Amman Ice Plant, Nagapattinam	1 day	0.10
52.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Marvest Aqua protein Private Limited, Nagapatinam	1 day	0.10
53.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Ambika Industries, Namakkal	1 day	0.10
54.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Annamar Fly Ash Bricks, Namakkal	1 day	0.10
55.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Jayashri Coir, Namakkal	1 day	0.106
56.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. SRV Modern rice mill, Kallakurichi	1 day	0.05
57.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Magna Green Building Products, Karur	1 day	0.07
58.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s GGRG Agencies, Thanjavur	1 day	0.10
59.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s HORT-BIO technologies private limited, Thanjavur	1 day	0.10
60.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Madurai meenakshi textile P LTD, Dindigul	1 day	0.053
61.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Jai Sri Maruth, Namakkal	1 day	0.05
62.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S IBLUE FMCG Private Limited, Villupuram	1 day	0.053

63.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s SRM Modern rice MILL, Trichy	1 day	0.10
64.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Advance Packages, Thirupathur	1 day	0.10
65.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s AERO Packages, Thirupathur	1 day	0.10
66.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S.Sri Ayyanarappan FLY ASH BRICKS, Salem	1 day	0.053
67.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s SS Fibres and Coirs, Theni	1 day	0.10
68.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s JPR Aqua Farm, Theni	1 day	0.132
69.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S A R S K Exports, Karur	1 day	0.048
70.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Ramayogam Enterprises, Nagapatinam	1 day	0.10
71.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Tasty Foods, Nagapatinam	1 day	0.074
72.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Gupta and Company, Chennai	1 day	0.10
73.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S New Delta Gear Manufacturers Private Limited, Chennai	1 day	0.10
74.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Magnum Clothing Private Limited, Chennai	1 day	0.08
75.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Magnum Clothing Private Limited, Thiruvanamalai	1 day	0.10
76.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s M.S.K. Sundharesan silk and sarees, Thiruvanamalai	1 day	0.10
77.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Adam Pet Industry, Chennai	1 day	0.10
78.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. AMR Enterprises, Chennai	1 day	0.10
79.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Jhaison Food Products, Cuddalore	1 day	0.10
80.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Kalai Ice Factory, Cuddalore	1 day	0.10
81.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S. M/s Lourthusamy coir spinning Industries, Pudukkottai	1 day	0.10
82.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Lourthusamy Enterprises, Pudukkottai	1 day	0.132
83.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Magna green building products, Karur	1 day	0.048

84.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Vedha Millets and Pulses	1 day	0.10
85.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s AVM modern rice mill	1 day	0.10
86.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S. Sun Coirs, Karur	1 day	0.10
87.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S.SM Impex, Karru	1 day	0.10
88.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S. Star Bricks	1 day	0.053
89.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Premier Polysacks, Pudukottai	1 day	0.053
90.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Aranthaangi chemical, Aranthangi	1 day	0.10
91.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. S. R. M Modern Rice Mill, Trichy	1 day	0.10
92.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. RDES Engineering Pvt Ltd, Chennai	1 day	0.10
93.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Pallavan Gears, Chennai	1 day	0.10
Amount received (Rs.)							8.551
CAYm2 (2022-2023)							
1.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.Matha Modern Rice Mill, Thanjavur	1 day	0.10
2.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s RVN Drinks, Thanjavur	1 day	0.10
3.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sree Lakshmi Polymers, Thanjavur	1 day	0.04
4.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sri Ramakrishna Modern Rice Mill, Virudhunagar	1 day	0.10
5.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Subham Modern Rice Mil, Virudhunagar	1 day	0.05
6.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Subham Modern Rice Mill, VirudhunagaR	1 day	0.05
7.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. M.A.V. Agro Fuel, Tiruvannamalai	1 day	0.10
8.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Durai Modern Rice Mill, Tiruvannamalai	1 day	0.10
9.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Om Muruga Modern Rice Mill, Tiruvannamalai	1 day	0.05
10.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Haji Abbas Mills, Theni	1 day	0.10
11.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Ibahim & Co., Theni	1 day	0.10
12.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.MVP Engineers, Theni	1 day	0.10
13.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Matha Modern Rice Mill, Thanjavur	1 day	0.09

14.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. RVN Drinks, Thanjavur	1 day	0.10
15.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sree Lakshmi Polymers, Thanjavur	1 day	0.07
16.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. ABS Modern Rice Mill, Kallakurichi	1 day	0.10
17.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Siva Sakthi Mills, Kallakurichi	1 day	0.08
18.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. MSM Industries, Villupuram	1 day	0.05
19.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Krishnan Modern Rice Mill, Nagapatinam	1 day	0.05
20.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Indual Matal Treatre Pvt. Ltd., Pudukottai	1 day	0.065
21.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Shri Naxi Vizhiambal MRM, Pudukottai	1 day	0.01
22.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Venkateswara Cashws, Ariyalur	1 day	0.10
23.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. K. P. Samy Rice Mill, Ariyalur	1 day	0.10
24.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Kavin Aqua, Ariyalur	1 day	0.08
25.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Annam Industries, Kanyakumari	1 day	0.10
26.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Murugesan Rice Mill, Pudukottai	1 day	0.10
27.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Indual Matal Treatre Pvt. Ltd., Pudukottai	1 day	0.05
28.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Shri Naxi Vizhiambal MRM, Pudukottai	1 day	0.10
29.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. S.K. Aqua, Pudukottai	1 day	0.05
30.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sri Ganapathy Fly Ash Bricks, Pudukottai	1 day	0.10
31.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sri Jeayam Industries, Pudukottai	1 day	0.10
32.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sri Mangadiyar Rice Mill, Pudukottai	1 day	0.10
33.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.Sri Balaji Weldmesh, Salem	1 day	0.014
34.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sabari Traders, Salem	1 day	0.014
35.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Salem Fly ash Bricks, Salem	1 day	0.014
36.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s. Sri Ramakrishna MRM, Virudhunagar	1 day	0.05

37.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S. Apple Cookware, Tirunelveli	1 day	0.095
38.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S.Deen Clay Innovations, Ramanathapuram	1 day	0.10
39.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.Tirumurugan Trading Company, Paramakudi	1 day	0.08
40.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s.T.K.P. Ice Plant, Ramanathapuram	1 day	0.10
41.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Sri Neelambiga Traders, Peramalur	1 day	0.10
42.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Jothi & Co, Vilupuram	1 day	0.10
43.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Kohila Coirs, Erode	1 day	0.10
44.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s IQAC Global, Bengaluru	1 day	0.10
45.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Vasantham Modern Rice Mill, Kallakurichi	1 day	0.10
46.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Apple Cookware, Tirunelveli	1 day	0.095
47.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Deen Clay Innovation, Ramanathapuram	1 day	0.10
48.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Tirumurugan Trading Company, Paramakudi	1 day	0.08
49.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s T.K.P Ice Plant, Ramanathapuram	1 day	0.10
50.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s R.K Industries, Chennai	1 day	0.10
Amount received(Rs.)							4.027
CAYm3 (2021-2022)							
1.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S K.V.M Polymer Ariyalore District	1 day	0.10
2.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Mobismart Card Technology Pvt Ltd Chennai	1 day	0.10
3.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Winmach Automations Private Chennai	1 day	0.10
4.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Kumar Industries, Chennai	1 day	0.10
5.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Balachandran Ice Factory, Cuddalore	1 day	0.05
6.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	S.T Ice Factory Cuddalore Port	1 day	0.10
7.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Anu Match Industries, Sattur	1 day	0.10
8.	Dr.S.Venkata	-	EEE	Energy	M/S Kpn Modern Rice	1 day	0.10

	narayanan			Audit	Mill, Tenkasi		
9.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Shree Kannan Dairy Foods, Thenkasi	1 day	0.10
10.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Nataraj Fibres, Erode	1 day	0.10
11.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	P.G.A Coir Industries, Erode	1 day	0.10
12.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Sri Amman Coirs, Erode	1 day	0.053
13.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Shree Amman, Industries, Sivagangai	1 day	0.10
14.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Saravanan Impex Karur	1 day	0.10
15.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Saravanan Impex Karur	1 day	0.15
16.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Vinnarasi Industries Hosur	1 day	0.103
17.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Hamara Tech Tools, Madurai	1 day	0.10
18.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Ace Lubricants Madurai	1 day	0.10
19.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Panchura Estates Pvt Ltd, Nilgiri	1 day	0.053
20.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Gold Cup Aerated Water Works Thanjavur	1 day	0.10
21.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Manakula Vinayagar Rice Mill, Mayiladuthurai	1 day	0.10
22.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Sri Annamalai Modern Rice Mill, Thiruvannamalai	1 day	0.10
23.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Sri Vinayaga Modern Rice Mill, Thiruvannamalai	1 day	0.106
24.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Dr Associates Pudukkottai	1 day	0.10
25.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Mangudiyar Modern Rice Mill, Pudukkottai	1 day	0.10
26.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Messiah Ash Bricks, Tuticorin	1 day	0.10
27.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Messiah Hollow Blocks & Paver Blocks, Thoothukudi	1 day	0.10
28.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Kani Ice Plant, Tuticorin	1 day	0.101
29.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S D2 Foils, Tirupathur	1 day	0.10
30.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S D2 Foils, Tirupathur	1 day	0.10

31.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S SriVari Fibre, Namakkal	1 day	0.10
32.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S SriVari Pulp and Boards, Namakkal.	1 day	0.10
33.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Sri Ezumalayan Feeds, Namakkal	1 day	0.05
34.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Dvp.Eco Products; Perambalur	1 day	0.10
35.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	S.S. Interlock Block, Perambalur	1 day	0.08
36.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Sri Ganapathy Flyash Bricks, Pudukkottai	1 day	0.10
37.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Indwel Metal Treater Private Limited Pudukkottai	1 day	0.10
38.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Mangudiyar Modern Rice Mill, Pudukkottai	1 day	0.153
39.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Asian Power Lines, Paramakudi	1 day	0.10
40.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Kalyani Mills, Paramakudi	1 day	0.10
41.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Rishi Engineering Company, Paramakudi	1 day	0.10
42.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Sai PolyPackaging, Salem	1 day	0.10
43.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	Fathima Modern Rice Mill; Salem	1 day	0.10
44.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S J. J. D. Fiber Products, Salem.	1 day	0.10
45.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/s Kraiee, Salem	1 day	0.153
46.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Shree Ram Morden Rice Mill, Tirunelveli	1 day	0.15
47.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Sri Ramana Modern Rice Mill, Tirunelveli	1 day	0.10
48.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Zion Convertors, Tirunelveli	1 day	0.10
49.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Thirukailayanathar Spinning Mills, Tirupur	1 day	0.10
50.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/SPremier Paper Tubes: Tirupur.	1 day	0.10
51.	Dr.S.Venkata narayanan	-	EEE	Energy Audit	M/S Sri Vaari Paper Tubes: Tirupur	1 day	0.09
Amount received (Rs.)							5.092
Total amount (Lacs)received for the past 3 years							17.67

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.

S.N.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
CAYm1 (2023-2024)						
1.	Dr S. Venkatesan	Multipurpose autonomous Rover	1 Year	0.170	0.170	Participated in Smart India Hackathons-2024 at GITAM University, Visakapattinam and won cash prize of Rs 50,000
2.	Dr.S. Parthasarathy	Standalone PV based B2V &V2V Charging System with Health Monitoring	1 Year	0.150	0.150	-
3.	Mr.R. Thangasankaran	Life Sentinel fan for suicidal prevention with alarm and remote alert system	1 Year	0.065	0.065	-
Amount received (Rs.)					0.385 Lacs	
CAYm2 (2022-2023)						
1.	Dr. S.M. Kannan Dr.S.Venkatesan Dr.P.Loganthurai	Design and Analysis of Quadrupler DC-DC High Gain Boost Converter for Electric Vehicle Battery charging applications	1 Year	0.61	0.61	Published in International Research Journal of Modernization in Engineering Technology & Science, Vol:6, issue:04 2024-April
2.	Dr. K. Gnanambal Dr.S.Manoharan Dr.M.Ganesh Kumari	Intelligent Power Factor Controller	1 Year	0.8	0.8	Published paper in the conference.
3.	Dr.K. Gnanambal Dr.S.Parthasarathy N.Vimal Radha Vignesh	Online Water motor control and Optimization System	1 year	0.05	0.05	Students promote their innovative projects and products in the industrial EXPO.

4.	A.Marimuthu	Charging of Car Battery in Electric Vehicle using Wind energy	1 year	0.07	0.07	Published in ESP Journal of Engineering & Technology Advancements, Doi: 10.56472 /25832646 Vol:4; Issue: 2 April 2024
5.	Dr.M.Ganesh Kumari	Hybrid Electric and Petrol Bike	1 year	0.15	0.15	Applied for International Research Journal of Engineering & Technology.
Amount received (Rs.) 1.68 Lacs						
CAYm2(2021-2022)						
1.	Dr.K. Gnanambal	Small Traffic Light Controller	1 year	0.118	0.118	Participated in International Conference on Power and Energy systems (ICPES'23), Velammal College of Engineering and Technology, Madurai.
2.	Dr.S. Parthasarathy	Renewable Energy Fed Ripple free DC/DC Converter	1 year	0.100	0.100	
3.	Dr.C. Vimalrani	Pneumatic Based Photovoltaic Cleaner (OR) Rover	1 year	0.070	0.070	
4.	M.Jeyamurugan	Smart waste management	1 year	0.120	0.120	
Amount received (Rs.) 0.408 Lacs						
Total amount (Lacs)received for the past 3 years						2.673

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.

S. No	Name of the laboratory	No.of students per setup (batch size)	Name of the major equipment	Weekly Utilization Status (all the Courses For which the is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1	Electrical Machines Laboratory-I, II.	3	Rectifier unit 100A, D.C. Shunt motor, Three phase Alternator, D.C. Shunt motor - Three phase Auto synchronous motor set, Three phase synchronous motor, Three phase Induction motor, Single Phase Induction Motor, D.C. Shunt motor, D.C. Compound motor, D.C. Series motor, D.C. Shunt motor - D.C. Shunt Generator set, D.C. Shunt motor - D.C. Series Generator set, D.C. Shunt motor - D.C. Compound Generator set, DC Shunt Motor – Induction Generator, Single phase Transformers, Three phase Transformers, Single Phase Auto Transformers, Three phase Auto transformers, Inductive Load, Capacitive Load, Resistive Load, Ammeters, Voltmeters, Watt meters, Tachometers, Rheostats, Power factor meters Residential house wiring setup, staircase wiring setup, fluorescent lamp wiring setup, Laptop, Iron box, Earth resistance testing kit, LED TV, Megger, Fan regulator, Digital IC trainer kit, Energy measurement kit.	Odd Sem: Electrical Machines–I Lab (EEE/III Sem.) Even Semester: Electrical Machines–II Lab (EEE/IV Sem.) (2 Sessions per week/ semester) IPW laboratory (4 sessions per week)	Mr.D. Saravanan	Senior Lab Instructor	B.E. (EEE)
2	Power Electronics Laboratory	3	PSIM software 9.0 version, OrCAD capture with OrCAD PSPICE A/D version 15.7, Computer, DSP based vector control drive, Brushless D.C. motor drive, IGBT based PWM inverter, IGBT based 3phase PWM inverter, SCR D.C. current commutation chopper & voltage commutation chopper, Visual Display Unit, IGBT based high frequency switching device,	Odd Sem: Electronics Laboratory(EEE /III Sem) Even Sem: Power Electronics and Drives Lab (EEE/VI Sem.) (2 Sessions per week/semester)	Mr.D.Saravanan	Senior Lab Instructor	B.E. (EEE)

			MOSFET Step up / step down chopper, Resonant DC/DC converter, color digital storage oscilloscope, Digital function generator, AC Phase control using Thyristor, Triac. SCR & MOSFET, TRIAC & IGBT, Transient characteristics, SCR & MOSFET & TRIAC & IGBT VI Characteristics, Gate pulse generation using R, RC and UJT, Switched mode power converter, Cyclo converter, CRO, Megger				
3	Electric Circuits Laboratory	3	Multimeter (Digital), Dual R.P.S, Function Generator, Cathode Ray Oscilloscope, Servo Stabilizer, Rheostats DRB, DCB, DLB, M.C. Ammeter (μA & mA), A.C. Ammeter (mA), A.C. Ammeter, A.C. Voltmeter, 3Phase Resistive load 440V, 3KW, Digital meter (01000VAC, (010AAC), Digital LCR Meter, Galvanometer, Audio Frequency Oscillator, Single / Dual R.P.S, 60 MHz Digital Storage Oscilloscope Characteristics of Photo Diode & Phototransistor Kit, Lux Meter, Single Phase Auto Transformer, Characteristics of Thermistor Kit, Range Finder, Digital Live Wire Detector, Earth Tester, LV Insulation Tester, Digital IC Trainer Kit -16 Bit, Transients RC and RL Circuits Kit, Single Tuned Coupled Circuit Kit, Series & Parallel Resonance Kit, Calibration of Energy Meter Kit, Two Port Network Kit, Wattmeter, 1 \emptyset Resistive load, Triple Output Regulated Power Supply, Function Generator Trainer, RC Phase Shift Oscillator Kit, Hartley Oscillator Kit, Colpitts Oscillator Kit, Common Emitter Amplifier Kit, FET Characteristics Kit, UJT Characteristics and Saw	Electric Circuits Lab (EEE/ II Sem.) (2 Sessions per week/ semester) Electric Circuits Lab (EEE/ II Sem.) (2 Sessions per week/ semester)	Ms.K.Kalaiselvi	Lab Instructor	B.E.(EIE)

			Tooth Generation using UJT, FET Differential Amplifier Kit, As table and Monostable Multivibrator Kit, Computer Systems, HP Laser Jet Printer.				
4	Control system, Measurements & Instrumentation Laboratory	3	Digital Storage Oscilloscope, Pressure Transducer, Linear System Simulator, DC, AC Position Controller, AC/DC bridge, current Transformer, LVDT, Measurement of ironless. Maxwell bridge, MATLAB with computer system, DC Generator, DC Shunt motor, Energy Meter, CRO. Function generator, RPS LCR meter, Voltmeter, Ammeter, Resistive Load, Single phase Resistive Load, Inductive load, Auto Transformer, Flowrate measurement, Optical Sensor, Strain Gauge, PID Controller.	Odd Sem: Control & Instrumentation Lab (EEE/V Sem.) Digital Systems Lab (CSE III Sem) (6Session Per Week/ Semester) Even Sem: Electrical Electronics and Instrumentation (Mech/ II Sem) (1Session Per Week / Semester)	Ms.K.Kalaiselvi	Lab Instructor	B.E.(EIE)
5	Electronic, Digital Circuits and Microprocessor Laboratory	3	CRO, Digital IC trainer kit, Linear IC trainer kit, Dual RPS, 8086 Microprocessor kit, 8085 Microprocessor, 8051 Microcontroller, Interface board 8255,8259,8251,8253,8254, DAC, ADC, AC & DC motor with controller, AFO, Stepper Motor	Odd Sem: Microprocessor & Microcontroller Lab (EEE / V Sem.) (2 Sessions Per Week Semester) Even Sem: Linear and Digital Integrated Circuits Lab (EEE /IV Sem.) (2Sessions Per Week / Semester)	Ms.A.Elakia Bama	Lab Instructor	B.E. (CSE)
6	Power System Simulation Laboratory	1	HPE ProLiant ML110 Gen10 4LFF Server Intel® Xeon® - Silver 4208 (8-Core, 2.1 GHz,85W) HPE16GB2Rx8PC4-2933Y-R smart kit, HPE Ethernet 1Gb 2-port332iAdapter-Embedded	ODD Sem: Power Systems Simulation Lab (EEE VII Sem.) (2Sessions Per week/ Semester)	Mr.M.D.Kanakarajan	Lab Instructor	PG DCAM.A

			SW- RAIDwith10SATAports4LFF HDD Bays (Hot Plug)- No ODD5PCIe3.0slots, (1)550W ATX Power Supply2 non-hot plug, HP Systems-26nos. MATLAB, AUPOWER LAB - 30 User, Liebert Emerson 6.0 KVA UPS, HP Laser Printer 1020Plus - 2, HP LaserJet M1005MFP- 3	Even Sem: Object Oriented Programming Lab (EEE/ VI Sem.)			
7	Renewable Energy System Laboratory	2	24W Wind Turbine with blower setup (A blower AND a 200Watts peak, 24W continuous Wind Turbine are mounted on a mechanical frame for simulating wind power generation. Generator: PMSG Type, 3 Phase 24V AC, 24W @rated wind speed. Solar panel: (20+20) W-1 No. 100WHybridDC-DCBuck-Boost Converter, Battery24V/26AH'100w, 1Phase,2 Level Inverter (PEC 16HV4MC1A) 1KWpSolarPanelSetup HPCorei5 Processor, Windows11- 5 Nos.	Renewable Energy System Laboratory (EEE/VII Sem.)	Mr.M.Ram an	Senior Electric al supervisor	M.E.

D2: Safety Measures in Laboratories

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

S.N.	Name of the Laboratory	Safety measures
1.	Electrical Machines Laboratory	<ul style="list-style-type: none"> • Fire extinguisher • Equipment Earthing • MCB for automatic switch-off during fault condition • Individual earth pit • First aid box • Power supply terminals connected to any circuit are energized with the presence of the instructor or lab staff. • Emergency power shutdown facility is provided. • Insulation mats are provided on the ground to prevent electric shocks. • Students are instructed to wear leather shoes, avoid metal rings, bangles, etc. <p>Guidelines and instructions are displayed in the laboratory.</p>
2.	Power Electronics Laboratory	Fire extinguisher, Earthing, Individual earth pit, first aid box
3.	Electric Circuits Laboratory	Fire extinguisher, Earthing, first aid box
4.	Control system, Measurements & Instrumentation Laboratory	Fire extinguisher, Earthing, first aid box
5.	Electronic, Digital Circuits and Microprocessor Laboratory	Fire extinguisher, Earthing, first aid box
6.	Power System Simulation Laboratory	Fire extinguisher, Earthing, first aid box
7.	Research and Development Lab	Fire extinguisher, Earthing, first aid box
8.	Renewable Energy Systems	Fire extinguisher, Earthing, first aid box

D3: Project Laboratory/Research Laboratory

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

S.N.	Name of the Laboratory
1.	Project Laboratory
2.	Research And Development Laboratory:
3.	Laser Research Laboratory
4.	Texas Instruments Laboratory–Center Of Excellence

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))/RF4
CAY 2024-2025	630	630/20 = 31.5	31	6	$(31*0.8)+(6*0.2)/32 = 26/32 = 81\%$
CAYm1 2023-2024	630	630/20 = 31.5	30	6	$(30*0.8)+(6*0.2)/32 = 25/32 = 79\%$
CAYm2 2022-2023	540	540/20 = 27	28	6	$(28*0.8)+(6*0.2)/27 = 24/27 = 87\%$

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 CFY (in Rs.) 2024-2025	Actual expenses in CFY (in Rs.) 2024-2025 Till 28.02.25	Budgeted in CFYm1 (in Rs.) 2023-2024	Actual Expenses in CFYm1 (in Rs.) 2023-2024	Budgeted in CFYm2 (in Rs.) 2022-2023	Actual Expenses in CFYm2 (in Rs.) 2022-2023	Budgeted in CFYm3 (in Rs.) 2021-2022	Actual Expenses in CFYm3 (in Rs.) 2021-2022
Infrastructure Built-Up	500000	234242	500000	445366	500000	5124057	120000	432390
Library	1100000	0	1100000	1068759	1000000	973422	615000	847680
Laboratory equipment	12872000	12081434	13754000	10402064	12338169	14463545	4975000	2010568
Teaching and non-teaching staff salary	163000000	90457367	151500000	112865318	129514000	104042255	81418000	73206939
Outreach Programs	110000	37811	205000	96299	150000	201788	175000	99995
R&D	200000	328964	200000	217805	600000	485982	130000	182500
Training, Placement and Industry linkage	375000	1745449	375000	237984	375000	293563	310000	335824
SDGs	200000	150405	0	0	0	0	0	0
Entrepreneurship	65000	26250	25000	63750	12500	66000	14000	25000
Others*, pl. specify	10400000	10343586	9600000	12534414	8410000	9668063	6630000	5785114
Total amount	188822000	115405508	177259000	137931759	152899669	135318675	94387000	82926010

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 CFY 2024-2025 (in Rs.)	Actual expenses in CFY 2024-2025 Till 28.02.25 (in Rs.)	Budgeted in CFYm1 2023-2024 (in Rs.)	Actual Expenses in CFYm1 23-2024 (in Rs.)	Budgeted in CFYm2 2022-2023 (in Rs.)	Actual Expenses in CFYm2 2022-2023 (in Rs.)	Budgeted in CFYm3 2021-2022 (in Rs.)	Actual Expenses in CFYm3 2021-2022 (in Rs.)
Laboratory equipment	5,60,000	4,89,050	3,00,000	2,50,337	5,25,000	3,99,200	0	0
Software	-	-	1,40,000	1,25,000	-	-	-	-
SDGs	40,000	40,000	-	-	-	-	-	-
Support for faculty development	48,000	45,063	54,000	1,07,038	54,000	30,428	60,000	20,134
R & D	10,50,000	9,58,000	50,000	38,500	1,00,000	88,000	50,000	40,800
Industrial Training, Industry expert, Internship	10,000	10,000	10,000	13,500	10,000	17,000	10,000	11,625
Miscellaneous expenses *	75,000	71435	75,000	77,476	75,000	76,652	75,000	1,29,937
Total amount	17,83,000	16,13,548	6,29,000	6,11,851	7,64,000	6,11,280	1,95,000	2,02,496