

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 : 11687	Date of Submission : 01-04-2026

PART A- Profile of the Institute

A1.Name of the Institute: VSB COLLEGE OF ENGINEERING TECHNICAL CAMPUS	
Year of Establishment : 2012	Location of the Institute: COIMBATORE
A2. Institute Address: NH-209, Coimbatore-Pollachi Main Road Ealur Pirivu, Solavampalayam(Post), Coimbatore District. Pincode 642109	
City:Coimbatore	State:Tamil Nadu
Pin Code:642109	Website:www.vsbcetc.edu.in
Email:principal@vsbcetc.com	Phone No(with STD Code):08220-011312
A3. Name and Address of the Affiliating University (if any):	
Name of the University : ANNA UNIVERSITY CHENNAI	City: Chennai
State : Tamil Nadu	Pin Code: 600025
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **9**
- No. of PG programs: **2**

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	2021	--	Agricultural Engineering
2	Engineering & Technology	UG	Artificial Intelligence and Data Science	2021	--	Artificial Intelligence and Data Science
3	Engineering & Technology	UG	Civil Engineering	2012	2024	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	2012	--	Computer Science and Engineering
5	Engineering & Technology	PG	Computer Science and Engineering	2025	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2024	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
7	Engineering & Technology	UG	Electrical & Electronics Engineering	2012	--	Electrical and Electronics Engineering

8	Engineering & Technology	UG	Electronics & Communication Engineering	2012	--	Electronics and Communication Engineering
9	Engineering & Technology	UG	Information Technology	2019	--	Information Technology
10	Engineering & Technology	UG	Mechanical Engineering	2012	--	Mechanical Engineering
11	Engineering & Technology	PG	VLSI Design & Embedded Systems	2024	--	Electronics and Communication Engineering

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
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	Electrical & Electronics Engineering	UG	2012 / --	60	Yes	2025	60	2025	F.No. Southern/2012/1-721886391	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	4

Sanctioned Intake for Last Five Years for the Electrical & Electronics Engineering	
Academic Year	Sanctioned Intake
2025-26	60
2024-25	30
2023-24	30
2022-23	30
2021-22	60
2020-21	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 :	Dr.BANU G
B. Nature of appointment:	Regular
C. Qualification:	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)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	60	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	60	30	22	28	35	30	30
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	3	1	4	4	5	0
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	3	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.	63	33	23	32	39	35	30

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]
2025-26 (CAY)	60	60	3	105.00
2024-25 (CAYm1)	30	30	0	100.00
2023-24 (CAYm2)	30	22	0	73.33

Average [(ER1 + ER2 + ER3) / 3] = 92.78≡ 20.00

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	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	64.00	65.00	60.00
B=No. of students who graduated from the program in the stipulated course duration	28.00	18.00	23.00
Success Rate (SR)= (B/A) * 100	43.75	27.69	38.33

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 36.59

B6. Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
Mean of CGPA or mean percentage of all successful students(X)	7.86	8.04	8.27
Y=Total no. of successful students	30.00	22.00	26.00
Z=Total no. of students appeared in the examination	30.00	22.00	26.00
API [X*(Y/Z)]	7.86	8.04	8.27

Average API [(AP1+AP2+AP3)/3] : 8.06

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2nd year/10)	8.02	8.01	8.12
Y=Total no. of successful students	22.00	30.00	35.00
Z=Total no. of students appeared in the examination	23.00	30.00	36.00
API [X * (Y/Z)]	7.67	8.01	7.89

Average API [(AP1 + AP2 + AP3)/3] : 7.86

B8. Academic Performance of the Third Year Students of the Program

Table No.B8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	8.00	8.16	7.75
Y=Total no. of successful students	30.00	34.00	32.00
Z=Total no. of students appeared in the examination	30.00	35.00	32.00
API [X*(Y/Z)]:	8.00	7.93	7.75

Average API [(AP1 + AP2 + AP3)/3] : 7.89

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	64.00	65.00	60.00
X=No. of students placed	33.00	29.00	21.00
Y=No. of students admitted to higher studies	1.00	2.00	2.00
Z= No. of students taking up entrepreneurship	0.00	1.00	1.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	53.12	49.23	40.00

Average Placement Index = (P_1 + P_2 + P_3)/3: 47.45 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.BANU G	XXXXXXXX03C	Ph.D	ANNA UNIVERSITY	ELECTRICAL ENGINEERING	14/08/2021	4.6	Professor	Professor	14/08/2021	Regular	Yes		Yes
2	Dr.BALASANKAR R	XXXXXXXX04A	Ph.D	ANNA UNIVERSITY	ELECTRICAL ENGINEERING	29/04/2024	1.10	Professor	Professor	29/04/2024	Regular	Yes		No
3	Dr.PARTHIBAN K P	XXXXXXXX22R	Ph.D	ANNA UNIVERSITY	MECHANICAL ENGINEERING	13/08/2021	4.6	Assistant Professor	Associate Professor	01/06/2024	Regular	Yes		No
4	Mrs.YAMUNA R	XXXXXXXX86F	M.E.	ANNA UNIVERSITY	POWER ELECTRONICS AND DRIVES	07/05/2018	7.10	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Mrs.PRIYADHARSHINI D	XXXXXXXX58N	M.E.	ANNA UNIVERSITY	ELECTRICAL MACHINES	07/02/2022	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Mr.VELMURUGAN D	XXXXXXXX87J	M.E.	ANNA UNIVERSITY	POWER ELECTRONICS AND DRIVES	12/08/2021	4.6	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr. SELVARAJ G	XXXXXXXX50P	M.E.	KARPAGAM UNIVERSITY	POWER SYSTEMS ENGINEERING	05/07/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Dr.DHASBENSAM S	XXXXXXXX65A	Ph.D	ANNA UNIVERSITY	ELECTRICAL ENGINEERING	12/07/2023	2.7	Assistant Professor	Associate Professor	01/06/2024	Regular	Yes		No
9	Mrs. SIVARANJANI T	XXXXXXXX38Q	M.E.	ANNA UNIVERSITY	APPLIED ELECTRONICS	06/06/2019	5.1	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
10	Dr.VARATHARAJ M	XXXXXXXX93Q	Ph.D	ANNA UNIVERSITY	INFORMATION AND COMMUNICATION ENGINEERING	05/10/2020	3.8	Associate Professor	Associate Professor	05/10/2020	Regular	No	29/06/2024	No
11	Mr.GANESAN R	XXXXXXXX65B	M.E.	ANNA UNIVERSITY	EMBEDDED SYSTEMS	10/01/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mr.NAGARAJAN P	XXXXXXXX91L	M.E.	ANNA UNIVERSITY	POWER ELECTRONICS AND DRIVES	06/02/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No

13	Mr.CHANDRASEKARAN V	XXXXXXXX63Q	M.E.	ANNA UNIVERSITY	POWER SYSTEMS ENGINEERING	30/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mr.RAMKUMAR B	XXXXXXXX89G	M.E.	KARPAGAM UNIVERSITY	POWER ELECTRONICS AND DRIVES	24/07/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr.THANGARASU V	XXXXXXXX72F	M.E.	ANNA UNIVERSITY	POWER SYSTEM ENGINEERING	23/03/2024	1.3	Assistant Professor	Assistant Professor		Regular	No	23/06/2025	No
16	Mr.SOUNDAPPAN S	XXXXXXXX75Q	M.E.	ANNA UNIVERSITY	POWER ELECTRONICS AND DRIVES	26/04/2024	1	Assistant Professor	Assistant Professor		Regular	No	30/04/2025	No
17	Mr.SHEIK SIDTHIK A	XXXXXXXX13P	M.E.	ANNA UNIVERSITY	HIGH VOLTAGE ENGINEERING	06/07/2023	2.1	Assistant Professor	Assistant Professor		Regular	No	18/08/2025	No
18	Mrs.SREEVIDYA L	XXXXXXXX27H	M.E.	ANNA UNIVERSITY	EMBEDDED SYSTEMS	01/07/2019	5	Assistant Professor	Assistant Professor		Regular	No	22/07/2024	No
19	Mrs.SINDHUJA SANKARESHWARI	XXXXXXXX00N	M.E.	ANNA UNIVERSITY	POWER ELECTRONICS AND DRIVES	23/06/2025	0.8	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 Department0

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	33	31	33
UG1.C	31	33	64
UG1.D	33	64	65
UG1: Electrical & Electronics Engineering	97	128	162

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
DS=Total no. of students in all UG and PG programs in the Department	97	128	162
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= 97	S2= 128	S3= 162
DF=Total no. of faculty members in the Department	13	11	11
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= 13	F2= 11	F3= 11
FF=The faculty members in F who have a 100% teaching load in the first-year courses	5	3	2
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 12.13	SFR2= 16.00	SFR3= 18.00
Average SFR for 3 years	SFR= 15.38		

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 = $2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	4	9	4.00	47.50
2024-25(CAYm1)	4	7	6.00	28.33
2023-24(CAYm2)	4	7	8.00	21.25

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	1.00	2.00	1.00	2.00	3.00	9.00
2024-25	1.00	2.00	1.00	2.00	4.00	7.00
2023-24	1.00	1.00	2.00	1.00	5.00	9.00
Average	RF1=1.00	AF1=1.67	RF2=1.33	AF2=1.67	RF2=4.00	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.Parameshwaran	Engineer	Orbit Solar Private Limited, Coimbatore	RENEWABLE ENERGY SYSTEMS	26.00
2	Mr. Sudhanduiran	Engineer	Robert Bosch, Coimbatore	EMBEDDED SYSTEMS	28.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Suresh Kumar	Engineer	Pricol Limited, Coimbatore	RENEWABLE ENERGY SYSTEMS	26.00
2	Mr. Vijaya Kumar	Engineer	Robert Bosch, Coimbatore	EMBEDDED SYSTEMS	28.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.Parameshwaran	Engineer	Orbit Solar Private Limited, Coimbatore	RENEWABLE ENERGY SYSTEMS	26.00
2	Mr. Sudhanduiran	Engineer	Robert Bosch, Coimbatore	EMBEDDED SYSTEMS	28.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	1	7	2
2	No. of peer reviewed conference papers published	2	11	2
3	No. of books/book chapters published	1	5	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
Nil	Nil	Nil	Nil	Nil	Nil	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
Nil	Nil	Nil	Nil	Nil	Nil	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
Nil	Nil	Nil	Nil	Nil	Nil	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
Nil	Nil	Nil	Nil	Nil	Nil	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
Nil	Nil	Nil	Nil	Nil	Nil	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
Nil	Nil	Nil	Nil	Nil	Nil	0.00
						Amount received (Rs.):0.00

Total amount (Lacs) received for the past 3 years: 0.00**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
Nil	Nil	Nil	0.00	0.00	Nil
			Amount received (Rs.): 0.00		

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

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Nil	Nil	Nil	0.00	0.00	Nil
			Amount received (Rs.): 0.00		

Total amount (Lacs) received for the past 3 years : 0.00

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	30	3 H.P DC shunt motor coupled with 3H.P shunt generator and three point starter, DC Series Generator	9	P.A.Velusamy	Lab Technician	D.E.E.E
2	Power System Simulation Laboratory	30	HCL Computers, Monitor 17" CRT, Split Air Conditioner, SCI Software five user License ,UPS 20 KVA,UPS	4	P.VENKATESH	Lab Technician	D.E.E.E
3	Power Electronics Laboratory	30	Device Characteristics for SCR, MOSFET, IGBT. SCR, Based Single Phase Cyclo-Converter Module SCR	3	R.Easwari	Lab Technician	D.E.E.E
4	Engineering practices Laboratory	30	DC 5V fixed power supply Single Phase Energy meter CRO Digital Stop Watch Megger 1000 V Moving Iron	4	R.Easwari	Lab Technician	D.E.E.E

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. Lab is provided with First Aid Box, Fire Extinguisher - CO2 and ABC type, rubber floor mat under each work table, double earthing for each machine. 2. Proper dress has to be maintained while entering in to the Lab. (Boys should Tuck in their shirts and shoes, girls should wear overcoat) 3. Student should be aware of operating equipment. 4. After completing the connections Students should verify the circuits by the Lab Instructor. 5. Students must ensure that all switches are in the OFF position and all the connections are removed. 6. All patch cords and stools should be placed at their original positions. 7. Don't enter into the Lab with Golden rings, bracelets and bangles. 8. Don't make or remove the connections with power ON. 9. Don't switch ON the supply without the knowledge of the faculty member. 10. Don't switch OFF the machine with load.
2	Control Systems Laboratory	1. Lab is provided with First Aid Box ,Fire Extinguisher - CO2 and ABC type, mat under, earthing in power supplies. 2. Proper dress has to be maintained while entering in the Lab. (Boys should Tuck in their shirts and shoes, girls should wear overcoat) 3. Student should be aware of operating equipment. 4. After completing the connections Students should verify the circuits by the Lab Instructor. 5. Students must ensure that all switches are in the OFF position and all the connections are removed. 6. All patch cords and stools should be placed at their original positions. 7. Don't enter into the Lab with Golden rings, bracelets and bangles. 8. Don't make or remove the connections with power ON. 9. Don't switch ON the supply without verifying by the Staff Member.
3	Power System Simulation Laborator	1. Lab is provided with First Aid Box, Fire Extinguisher - CO2 and ABC type, earthing in power supplies. 2. Proper dress has to be maintained while entering in the Lab.(Boys should Tuck in their shirts and shoes, girls should wear overcoat) 3. Report any broken plugs or exposed electrical wires to your lecturer/laboratory technician immediately. 4. Avoid stepping on electrical wires or any other computer cables. 5. Do not open the system unit casing or monitor casing particularly when the power is turned on. 6. Do not insert metal objects such as clips, pins and needles into the computer casings. They may cause fire. 7. Do not remove anything from the computer laboratory without permission. 8. Do not touch, connect or disconnect any plug or cable without your lecturer/laboratory technician's permission.
4	Power Electronics Laboratory	1. Lab is provided with First Aid Box, Fire Extinguisher - CO2 and ABC type, earthing in power supplies. 2. Proper dress has to be maintained while entering in the Lab. (Boys should Tuck in their shirts and shoes, girls should wear overcoat) 3. Student should be aware of operating equipment. 4. After completing the connections Students should verify the circuits by the Lab Instructor. 5. Students must ensure that all switches are in the OFF position and all the connections are removed. 6. All patch cords and stools should be placed at their original positions. 7. Don't enter into the Lab with Golden rings, bracelets and bangles. 8. Don't make or remove the connections with power ON. 9. Don't switch ON the supply without verifying by the Staff Member.

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
2023-24(CAYm2)	660	33	20	13	56
2024-25(CAYm1)	810	40	30	13	66
2025-26(CAY)	1200	60	41	19	61

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Infrastructure Built-Up	950.00	922.26	1400.00	1393.65	371.00	370.63	45.00	47.36
Library	40.00	38.44	45.00	43.60	21.50	21.33	16.00	15.87
Laboratory equipment	30.00	53.11	220.00	242.11	50.60	88.39	59.50	75.20
Teaching and non-teaching staff salary	1400.00	1382.06	900.00	896.55	681.00	680.96	520.00	519.83
Outreach Programs	0	0	0	0	0	0	0	0
R&D	0.50	0.34	12.00	11.80	0	0	0	0
Training, Placement and Industry linkage	180.00	172.11	68.00	67.30	44.50	44.33	51.50	51.12
SDGs	0	0	0	0	0	0	0	0
Entrepreneurship	0	0	0	0	0	0	0	0
Others, specify	699.50	660.13	518.00	504.00	362.25	370.58	272.00	281.12
Total	3300.00	3228.45	3163.00	3159.01	1530.85	1576.22	964.00	990.50

E3. Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	0	0	0	0	0	0	0	0
Software	0	0	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	2.0	1.95	2.0	1.86	2.00	1.82	2.00	1.79
R & D	0	0	0	0	0	0	0	0

Industrial Training, Industry expert, Internship	8.53	8.16	3.48	3.45	3.24	3.22	4.76	4.73
Miscellaneous Expenses*	0	0	0	0	0	0	0	0
Total	10.53	10.11	5.48	5.31	5.24	5.04	6.76	6.52