

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Electronics & Communication Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 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	Electronics & Communication Engineering	UG	2012 / --	60	Yes	2025	300	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 VLSI Design & Embedded Systems	
Academic Year	Sanctioned Intake
2025-26	300
2024-25	120
2023-24	120
2022-23	60
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 Narmadha A S
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)	300	120	120	60	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	300	120	101	60	56	31	37
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	12	3	1	3	2	1
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	11	6	0	3	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	311	138	104	64	59	33	38

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)	300	300	11	103.67
2024-25 (CAYm1)	120	120	6	105.00
2023-24 (CAYm2)	120	101	0	84.17

Average [(ER1 + ER2 + ER3) / 3] = 97.61± 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).	63.00	62.00	61.00
B=No. of students who graduated from the program in the stipulated course duration	55.00	31.00	31.00
Success Rate (SR)= (B/A) * 100	87.30	50.00	50.82

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 62.71

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)
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)	7.96	7.27	8.26
Y=Total no. of successful students	126.00	101.00	63.00
Z=Total no. of students appeared in the examination	126.00	101.00	63.00
API [X*(Y/Z)]	7.96	7.27	8.26

Average API [(AP1+AP2+AP3)/3] : 7.83

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2nd year/10)	7.90	7.86	8.04
Y=Total no. of successful students	100.00	61.00	56.00
Z=Total no. of students appeared in the examination	104.00	64.00	59.00
API [X * (Y/Z)]	7.60	7.49	7.63

Average API [(AP1 + AP2 + AP3)/3] : 7.57

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.65	7.91	7.66
Y=Total no. of successful students	61.00	55.00	31.00
Z=Total no. of students appeared in the examination	61.00	56.00	31.00
API [X*(Y/Z)]:	7.65	7.77	7.66

Average API [(AP1 + AP2 + AP3)/3] : 7.69

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	63.00	62.00	61.00
X=No. of students placed	50.00	27.00	30.00
Y=No. of students admitted to higher studies	1.00	0.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	80.95	43.55	49.18

Average Placement Index = (P_1 + P_2 + P_3)/3: 57.89 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 Narmadha A S	XXXXXXXX01M	Ph.D	Anna University	Wireless Communication	21/01/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		Yes
2	Mrs Sindhu A	XXXXXXXX81E	M.E.	Anna University	Applied Electronics	27/01/2022	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Mrs Poongodi G	XXXXXXXX76F	M.E.	Anna University	Applied Electronics	03/05/2024	1.10	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Mrs Kiruthika R	XXXXXXXX76N	M.E.	Anna University	VLSI DESIGN	18/12/2023	2.2	Assistant Professor	Assistant Professor		Regular	Yes		No
5	MR Sreejith A R	XXXXXXXX63H	M.E.	Anna University	Applied Electronics	06/01/2025	1.2	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Mrs Priyanka Menon M S	XXXXXXXX41R	M.Tech	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY	EMBEDDED SYSTEMS	17/01/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mrs Janani T	XXXXXXXX57F	M.E.	Anna University	Applied Electronics	11/01/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mrs Geethapriya N	XXXXXXXX85R	M.E.	Anna University	Communication Systems	03/06/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Dr Udhayakumar A	XXXXXXXX26J	Ph.D	Anna University	Information and Communication Engineering	16/06/2025	0.8	Associate Professor	Associate Professor	16/06/2025	Regular	Yes		No
10	Mrs Tamilvani K	XXXXXXXX88H	M.E.	Anna University	Applied Electronics	13/06/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Dr Parassuram	XXXXXXXX84N	Ph.D	Anna University	Electrical Engineering	11/01/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Dr Roopa Jayasingh J	XXXXXXXX27P	Ph.D	Anna University	Information and Communication Engineering	23/06/2025	0.8	Associate Professor	Associate Professor	23/06/2025	Regular	Yes		No
13	Mrs Jeyalakshmi G	XXXXXXXX86R	M.Tech	Bharath University	EMBEDDED SYSTEMS	02/01/2025	1.2	Assistant Professor	Assistant Professor		Regular	Yes		No

14	Mrs Logeshwari A	XXXXXXX29A	M.E.	Anna University	VLSI DESIGN	23/12/2019	5.6	Assistant Professor	Assistant Professor		Regular	No	09/07/2025	No
15	Mrs Dhivya Bharathi R	XXXXXXX06Q	M.E.	Anna University	Communication Systems	03/04/2023	1.1	Assistant Professor	Assistant Professor		Regular	No	14/05/2024	No
16	Mr Karthik Sendhilkumar C	XXXXXXX37M	M.E.	Anna University	Communication Systems	14/08/2020	4.8	Assistant Professor	Assistant Professor		Regular	No	05/05/2025	No
17	Mr Meenakshi Sundaram V	XXXXXXX98L	M.E.	Anna University	Communication Systems	15/03/2019	5.1	Assistant Professor	Assistant Professor		Regular	No	30/04/2024	No
18	Mrs Kalaivani K	XXXXXXX11R	M.E.	Anna University	VLSI DESIGN	22/07/2023	1	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
19	Mrs Beula S	XXXXXXX71E	M.E.	Anna University	EMBEDDED SYSTEMS	25/02/2022	2.7	Assistant Professor	Assistant Professor		Regular	No	07/10/2024	No
20	Mrs Latha P	XXXXXXX44R	M.E.	Anna University	VLSI DESIGN	02/01/2015	11.2	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Dr Shamia D	XXXXXXX93R	Ph.D	Karunya University	Electronics and Communication Engineering	25/01/2019	7.1	Assistant Professor	Associate Professor	02/12/2019	Regular	Yes		No
22	Ms Priyanka A	XXXXXXX80E	M.E.	Anna University	Applied Electronics	27/08/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Ms Nivashini C	XXXXXXX61P	M.E.	Anna University	Applied Electronics	20/01/2025	1.2	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Ms Reshma Ramachandran	XXXXXXX99P	M.E.	Anna University	Instrumentation Engineering	10/02/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mrs Anne Daisy I	XXXXXXX49G	M.E.	Anna University	Communication Systems	11/04/2023	1	Assistant Professor	Assistant Professor		Regular	No	10/04/2024	No
26	Mrs Jeyashree Rajan	XXXXXXX24D	M.E.		VLSI DESIGN	27/03/2023	1.1	Assistant Professor	Assistant Professor		Regular	No	02/05/2024	No
27	Dr Kalpana K	XXXXXXX79D	Ph.D	Anna University	Information and Communication Engineering	06/06/2025	0.9	Associate Professor	Associate Professor	06/06/2025	Regular	Yes		No
28	Mr Manoj P	XXXXXXX76A	M.E.	Anna University	Communication Systems	08/02/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Mrs Jesulin Rachel J	XXXXXXX91L	M.E.	Karpagam University	VLSI DESIGN	01/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Mrs Sreelakshmi Nair	XXXXXXX98F	M.Tech	A P J ABDUL KALAM TECHNOLOGICAL UNIVERSITY	EMBEDDED SYSTEMS	02/01/2025	1.2	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 Department1

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	132	123	61
UG1.C	123	61	63
UG1.D	61	63	62
UG1: Electronics & Communication Engineering	316	247	186
PG1.A	12	30	0
PG1.B	30	0	0
PG1: VLSI Design & Embedded Systems	42	30	0
DS=Total no. of students in all UG and PG programs in the Department	358	277	186
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= 358	S2= 277	S3= 186
DF=Total no. of faculty members in the Department	22	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= 22	F2= 11	F3= 11
FF=The faculty members in F who have a 100% teaching load in the first-year courses	2	1	1
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 17.90	SFR2= 27.70	SFR3= 18.60
Average SFR for 3 years	SFR= 21.40		

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)	6	16	17.00	18.24
2024-25(CAYm1)	1	10	13.00	9.62
2023-24(CAYm2)	1	10	9.00	13.89

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	1.00	0.00	3.00	4.00	11.00	18.00
2024-25	1.00	0.00	3.00	1.00	9.00	10.00
2023-24	1.00	0.00	2.00	1.00	6.00	10.00
Average	RF1=1.00	AF1=0.00	RF2=2.67	AF2=2.00	RF2=8.67	AF2=12.67

C5. Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr.B.Krishna kumar	Chief Executive Officer	New Technology Career Solutions, Coimbatore.	EC3552 - VLSI and Chip Design	26.00
2	Dr.B.Krishna kumar	Chief Executive Officer	New Technology Career Solutions, Coimbatore.	ET3491- Embedded Systems and IOT Design	26.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.R.S.Venkatachalam	Director	Wizaard System, Coimbatore	EC3552 - VLSI and Chip Design	26.00
2	Mr.R.S.Venkatachalam	Director	Wizaard System, Coimbatore	ET3491- Embedded Systems and IOT Design	26.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Boobalan T	Chief Technology Officer	R2C Technologies, Udumalpet.	EC3552 - VLSI and Chip Design	26.00
2	Mr. Boobalan T	Chief Technology Officer	R2C Technologies, Udumalpet.	ET3491- Embedded Systems and IOT Design	26.00

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	4	3	5
2	No. of peer reviewed conference papers published	1	0	0
3	No. of books/book chapters published	1	2	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	Electronics Laboratory	30	☐ Dual Power Supply ☐ 30 MHz CRO SM 410 ☐ Single Power Supply ☐ (0-50V/2A) Single Power Supply ☐ 2 MHz Function Generator ☐ 2 MHz	48 Hours (Engi	Mr. M Vignesh Kumar	Lab Technician	DECE
2	System Laboratory	30	☐ DSP Trainer kit ☐ LPC 2148 Development kit ☐ Computer Systems	24 Hours (Digit	Mrs.M.Monika	Lab Technician	B.E
3	Digital Electronics Laboratory	30	☐ Digital IC Tester ☐ Fixed DC Power Supply (+5v/1a) ☐ Scientific 30MHz CRO ☐ Digital Function Generator(5MHz) ☐ Digital IC Trainer	24 Hours (Digit	Mr.Sundarsamy A	Lab Technician	DECE.,B.Sc.,
4	Communication Laboratory	30	☐ CRO(Min30MHz) ☐ Microprocessor 8085 Kit, 8051,8086 Kit ☐ Power Supply (0-30v) ☐ AM Trans	24 Hours (Cor	Mr.Sundarsamy A	Lab Technician	DECE.,B.Sc.,

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Engineering Practices Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Keep the lab floor clean, free from dirt. ☐ Wear tight-fitting clothing. ☐ Never operate a machine without understanding the controls. ☐ Ensure all safety guards are in place before operating machinery. ☐ Store unused tools properly. ☐ Keep sharp tools with edges pointing towards the table edge. ☐ Keep sharp tools in their proper place. ☐ Never work on electrical wires when the power is on. ☐ Maintain sufficient distance between yourself and the working table while cutting.
2	System Laboratory	☐ Use first aid kit in case of any emergency. ☐ Use fire extinguisher in case of any fire accidents occurred in the laboratory ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ In case of electrical fire, immediately disconnect the electrical power source. ☐ Report any problem, including damage to equipment as soon as it occurs. ☐ For safety use MCB in every work table. ☐ Avoid contact with energized electrical circuits. ☐ Disconnect the power source before servicing or repairing electrical equipment, as soon as it occurs. ☐ Never use metallic pencils or rulers, or wear rings or metal watchbands when working with electrical equipment. ☐ Avoid contact with energized electrical circuits. ☐ Use of software emulation tools to minimize hardware risks. ☐ Regular software backups to prevent data loss.
3	Circuits And Devices Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards ☐ Isolation transformers for safe circuit testing. ☐ Availability of insulated tools and equipment. ☐ Display of component handling guidelines.
4	Electronics Circuits Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Clear labeling of power supply terminals. ☐ Training on safe soldering techniques. ☐ Circuit testing under supervision to prevent overvoltage or short circuits. ☐ Use of low-power, safe-to-handle components for experiments.
5	Digital Electronics Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Anti-static wristbands and mats to prevent electrostatic discharge. ☐ Safe storage for ICs and semiconductor components. ☐ Instructions on proper grounding techniques.

6	Linear Integrated Circuits Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Proper insulation of OP-AMP and IC modules. ☐ Protective covers for exposed connections. ☐ Safety training for high-frequency signal generation.
7	Digital Signal Processing Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Proper earthing of DSP kits and workstations. ☐ Use of software emulation tools to minimize hardware risks. ☐ Regular software backups to prevent data loss.
8	Communication Systems Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Signal generators and analyzers with inbuilt safety features. ☐ Shielded cables to avoid signal interference. ☐ Controlled RF exposure to maintain safe levels.
9	Microprocessor and Microcontroller Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Voltage regulators to prevent damage to microcontrollers. ☐ Anti-static storage for microprocessor kits. ☐ Display of pin configuration and safe handling instructions.
10	VLSI Design Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Access control to high-performance workstations. ☐ Instructions for EDA software usage to prevent accidental data loss.
11	Embedded Systems and IOT Laboratory	☐ Fire extinguishers are installed in the laboratory to handle electrical and accidental fire hazards safely ☐ A first aid kit is available in the laboratory to provide immediate medical assistance during minor injuries or emergencies. ☐ Proper electrical earthing is provided for all equipment to ensure user safety and prevent electrical shock hazards. ☐ Isolated power supplies for embedded kits. ☐ Safe handling of IoT devices and sensors. ☐ Training on proper wiring techniques for modular components.

D3. Project Laboratory/Research Laboratory

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PART E: First Year faculty and financial Resources**(Data to be filled in for the first year course faculty and budget allocation and utilization)****E1. First Year Student-Faculty Ratio (FYSFR)**

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) +(NS2*0.2))/RF
2023-24(CAYm2)	660	33	20	14	57
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	681.11	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	660.10	518.00	504.00	362.25	370.58	274.00	281.11
Total	3300.00	3228.42	3163.00	3159.01	1530.96	1576.22	966.00	990.49

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	15.08	13.04	0	0	0.35	0.20	0	0
Software	3.00	5.30	0	0	0	0	0	0
SDGs	20.00	17.24	6.00	5.30	12.00	7.30	17.00	14.71
Support for faculty development	2.00	1.95	2.00	1.86	2.00	1.82	2.00	1.79
R & D	0.5	0.33	0.12	0.11	0	0	0	0
Industrial Training, Industry expert, Internship	35.07	33.53	10.21	10.10	6.76	6.72	7.02	6.97

Miscellaneous Expenses*	0.10	0.8	0.5	0.4	0.5	0.4	0.3	0.2
Total	75.75	72.19	18.83	17.77	21.61	16.44	26.32	23.67