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**: 1
Application No: 11565	**Date of Submission**: 04-02-2026

PART A- Profile of the Institute

A1.Name of the Institute: SRM VALLIAMMAI ENGINEERING COLLEGE	
Year of Establishment : 1999	Location of the Institute: SRM Nagar Potheri Kattankulathur
A2. Institute Address:VALLIAMMAI ENGINEERING COLLEGE,SRM NAGAR,KATTANKULATHUR-603203,KANCHEEPURAM D.T. TAMILNADU	
City:Chennai	State:Tamil Nadu
Pin Code:603203	Website:srmvalliammai.ac.in
Email:SRMVEC@VALLIAMMAI.CO.IN	Phone No(with STD Code):044-27454784
A3. Name and Address of the Affiliating University (if any):	
Name of the University : NIL	City: Kancheepuram
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: **11**
- No. of PG programs: **9**

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	Computer Application	PG	Master of Computer Application	2024	--	Computer Application
2	Engineering & Technology	UG	Agricultural Engineering	2019	--	Agricultural Engineering
3	Engineering & Technology	UG	Artificial Intelligence and Data Science	2020	--	Artificial Intelligence and Data Science
4	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
5	Engineering & Technology	PG	Communication Systems	2012	--	Electronics and Communication Engineering
6	Engineering & Technology	PG	Computer Science and Engineering	2012	--	Computer Science and Engineering
7	Engineering & Technology	UG	Computer Science and Engineering	1999	--	Computer Science and Engineering
8	Engineering & Technology	PG	Control & Instrumentation Engineering	2010	--	Electronics and Instrumentation Engineering
9	Engineering & Technology	UG	Cyber Security	2020	--	Cyber Security

10	Engineering & Technology	PG	Data Science	2020	--	Information Technology
11	Engineering & Technology	UG	Electrical & Electronics Engineering	2001	--	Electrical and Electronics Engineering
12	Engineering & Technology	UG	Electronics & Communication Engineering	1999	--	Electronics and Communication Engineering
13	Engineering & Technology	UG	Electronics & Instrumentation Engineering	2002	--	Electronics and Instrumentation Engineering
14	Engineering & Technology	PG	Industrial Safety Engineering	2019	--	Mechanical Engineering
15	Engineering & Technology	UG	Information Technology	1999	--	Information Technology
16	Engineering & Technology	UG	Mechanical Engineering	2008	--	Mechanical Engineering
17	Engineering & Technology	UG	Medical Electronics	2019	--	Medical Electronics
18	Engineering & Technology	PG	Power Systems Engineering	2010	--	Electrical and Electronics Engineering
19	Engineering & Technology	PG	Structural Engineering	2013	--	Civil Engineering
20	Management	PG	Masters of Business Administration	2005	--	Management

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Computer Science and Engineering	No	Computer Science and Engineering	UG
Electronics and Communication Engineering	Yes	Electronics & Communication Engineering	UG
Mechanical Engineering	No	Mechanical 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)

Allied Department/Cluster Name	Program Name	Program Level
Medical Electronics	Medical Electronics	UG

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	PROGRAI DURATIO
1	Electronics & Communication Engineering	UG	1999 / --	60	Yes	2012	180	2012	F.No.Southern/1-700161381/2012/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	5	4

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	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 ACCREDITE
1	Medical Electronics	Medical Electronics	UG	2019 / --	60	Yes	2023	60	2023	F.No.Southern/1-36499729349/2023/EOA	Eligible but not applied	--	--	0

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

A. Name of the HoD :	Dr. Komala James
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)	180	180	180	180	180	180	180
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	179	177	180	179	164	141	126
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	14	8	14	18	9	7
N3=Separate division if any	0	0	0	0	2	0	0

N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	179	191	188	193	184	150	133

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)	180	179	0	99.44
2024-25 (CAYm1)	180	177	0	98.33
2023-24 (CAYm2)	180	180	0	100.00

Average [(ER1 + ER2 + ER3) / 3] = 99.26≡ 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).	198.00	189.00	187.00
B=No. of students who graduated from the program in the stipulated course duration	177.00	140.00	132.00
Success Rate (SR)= (B/A) * 100	89.39	74.07	70.59

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 78.02

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	8.93	8.67
Y=Total no. of successful students	160.00	140.00	126.00
Z=Total no. of students appeared in the examination	160.00	140.00	126.00
API [X*(Y/Z)]	7.96	8.93	8.67

Average API[(AP1+AP2+AP3)/3] : 8.52

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 2rd year/10)	7.83	7.80	8.40
Y=Total no. of successful students	184.00	189.00	183.00
Z=Total no. of students appeared in the examination	182.00	192.00	186.00

API [X * (Y/Z)]	7.92	7.68	8.26

Average API [(AP1 + AP2 + AP3)/3] : 7.95

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)	7.91	7.10	8.28
Y=Total no. of successful students	187.00	180.00	142.00
Z=Total no. of students appeared in the examination	189.00	183.00	147.00
API [X*(Y/Z)]:	7.83	6.98	8.00

Average API [(AP1 + AP2 + AP3)/3] : 7.60

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	198.00	189.00	187.00
X=No. of students placed	93.00	113.00	96.00
Y=No. of students admitted to higher studies	7.00	3.00	3.00
Z= No. of students taking up entrepreneurship	1.00	4.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	51.01	63.49	52.94

Average Placement Index = (P_1 + P_2 + P_3)/3: 55.81 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. M.Murugan	XXXXXXX78C	Ph.D	University of Pune	Electronics and Telecommunication	01/08/2012	13.6	Professor	Professor	01/08/2012	Regular	Yes		No
2	Dr. Komala James	XXXXXXX52E	Ph.D	Anna University	Wireless Communication and Networks	28/03/2007	18.10	Associate Professor	Professor	30/06/2008	Regular	Yes		Yes
3	Dr. G. Udhayakumar	XXXXXXX28P	Ph.D	Anna University	Biomedical and Image Processing	16/06/2004	21.7	Lecturer	Professor	01/08/2022	Regular	Yes		No

4	Dr.S. Ramesh	XXXXXXX86R	Ph.D	SRM University	Antennas, RF and Microwave communication	12/06/2006	19.7	Lecturer	Professor	01/08/2022	Regular	Yes		No
5	Dr. D. Judson	XXXXXXX98C	Ph.D	Anna University	Wireless Communication	10/04/2024	1.9	Associate Professor	Professor	01/06/2024	Regular	Yes		No
6	Dr. B. Sridhar	XXXXXXX28L	Ph.D	Anna University	Image Processing	10/06/2024	1.7	Associate Professor	Associate Professor	10/06/2024	Regular	Yes		No
7	Dr. N.Subhashini	XXXXXXX65J	Ph.D	Anna University	Wireless Sensor Networks	03/12/2007	18.2	Lecturer	Associate Professor	17/04/2024	Regular	Yes		No
8	Dr. C.Amali	XXXXXXX72C	Ph.D	SRM University	Wireless Networks	18/06/2008	17.7	Lecturer	Associate Professor	17/04/2024	Regular	Yes		No
9	Dr. S.R. Preethi	XXXXXXX68D	Ph.D	Anna University	Applied Electronics	16/06/2014	11.7	Assistant Professor	Associate Professor	26/04/2024	Regular	Yes		No
10	Dr. J. Premalatha	XXXXXXX23J	Ph.D	Anna University	VLSI Design	24/07/2023	2.6	Assistant Professor	Associate Professor	01/06/2024	Regular	Yes		No
11	Dr.V.Sureshkumar	XXXXXXX02M	Ph.D	Anna University	VLSI Design	16/06/2008	15.6	Lecturer	Assistant Professor		Regular	No	10/01/2024	No
12	Dr.C. Saravanakumar	XXXXXXX75R	Ph.D	Anna University	Applied Electronics	12/06/2006	19.7	Lecturer	Associate Professor	01/01/2026	Regular	Yes		No
13	Dr.S. Senthilmurugan	XXXXXXX68F	Ph.D	Anna University	VLSI Design	26/05/2006	19.8	Lecturer	Assistant Professor		Regular	Yes		No
14	Dr. G.Sathish Kumar	XXXXXXX06E	Ph.D	SCSVMV University	Wireless Sensor & Networks	19/07/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr.D. Murugesan	XXXXXXX68A	M.E.	Anna University	Digital Communication &Networking	21/09/2006	19.4	Lecturer	Assistant Professor		Regular	Yes		No
16	Ms.K.Kamala	XXXXXXX12E	M.Tech	SRM University	Communication Systems	12/06/2006	18.6	Lecturer	Assistant Professor		Regular	No	24/12/2024	No
17	Dr. A.K. Mariselvam	XXXXXXX14C	Ph.D	IIT Kanpur	Wireless Communication	08/06/2023	1	Assistant Professor	Assistant Professor		Regular	No	25/06/2024	No
18	Dr.N. Jothy	XXXXXXX50E	Ph.D	Pondicherry University	Vehicular Adhoc Networks	31/05/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mr. K. R. Ganesh	XXXXXXX38R	M.E.	Anna University	VLSI Design	01/06/2015	10.8	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Mr. S. Mari Rajan	XXXXXXX35J	M.E.	Anna University	VLSI Design	02/04/2009	16.10	Lecturer	Assistant Professor		Regular	Yes		No
21	Dr. A. Pandian	XXXXXXX11H	Ph.D	Anna University	VLSI Design	16/06/2010	15.7	Lecturer	Assistant Professor		Regular	Yes		No
22	Mr. S. Manikandan	XXXXXXX67L	Ph.D	Saveetha Institute of Medical And Technical Sciences	Embedded Systems Technology	02/01/2025	1	Assistant Professor	Assistant Professor		Regular	No	07/01/2026	No

23	Mr. V. Prasanan	XXXXXXX47M	M.E.	Anna University	Communication systems	05/07/2019	6.6	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Dr.J. Logeswaran	XXXXXXX34B	Ph.D	NIT Puducherry	Antennas & Microwave Engineering	19/06/2024	0.11	Assistant Professor	Assistant Professor		Regular	No	27/05/2025	No
25	Dr. K. Durgadevi	XXXXXXX76Q	Ph.D	Anna University	VLSI Design	16/06/2014	11.7	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mr.A.Anbarasan	XXXXXXX36A	M.E.	Anna University	VLSI Design	23/06/2016	8.6	Assistant Professor	Assistant Professor		Regular	No	24/12/2024	No
27	Dr. R. Dhananjeyan	XXXXXXX17G	Ph.D	Anna University	Antennas, RF and microwave communication	29/06/2016	9.7	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Dr. C. Kavitha	XXXXXXX05D	Ph.D	SRMIST	Optical Communication	17/02/2022	3.11	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Dr. K. Lekha	XXXXXXX19L	Ph.D	SRM IST	Mircowave Antennas	26/07/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
30	Ms. K. Arthi	XXXXXXX20P	M.E.	Anna University	VLSI Design	03/07/2013	12.7	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Ms. S. Abirami	XXXXXXX75R	M.E.	Anna University	Communication Systems	22/06/2016	9.7	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Ms. T. Athisaya Anushya	XXXXXXX66H	M.E.	Noorul Islam University	Communication systems	19/06/2024	1.1	Assistant Professor	Assistant Professor		Regular	No	05/08/2025	No

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

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr Usha Bhanu N	XXXXXXX51M	XXXXXXXXX512	Ph.D	Anna University	VLSI Design	01/06/2015	10.8	Associate Professor	Professor	01/02/2019	Regular	Yes		Yes
2	Dr Ravikumar D	XXXXXXX36M	XXXXXXXXX936	Ph.D	Vels Institute of Scence, Technology and Advanced Studies	Applied Electronics	20/11/2024	1.2	Associate Professor	Associate Professor	20/11/2024	Regular	Yes		No
3	Dr J Ganesan	XXXXXXX30F	XXXXXXXXX038	Ph.D	Anna University	Applied Electronics	02/01/2025	1	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Mrs V P Sandhya	XXXXXXX01J	XXXXXXXXX046	M.E.	Anna University	Applied Electronics	06/04/2009	16.9	Assistant Professor	Assistant Professor		Regular	Yes		No

5	Mr M Selvaraj	XXXXXXX71F	XXXXXXXXX713	M.E.	Anna University	Applied Electronics	05/06/2015	10.8	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Mr C Satheeswaran	XXXXXXX58E	XXXXXXXXX280	M.E.	Anna University	Medical Electronics	04/07/2019	6.7	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mrs Venmathi V	XXXXXXX26D	XXXXXXXXX286	M.E.	Anna University	Applied Electronics	05/03/2022	3.10	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Dr. Keren Evangeline.I	XXXXXXX44C	NA	Ph.D	SRM University	Bio-Medical Engineering	01/03/2022	2.9	Assistant Professor	Assistant Professor		Regular	No	20/12/2024	No
9	Mrs Bharathipriya A	XXXXXXX38H	XXXXXXXXX043	M.E.	Anna University	Applied Electronics	06/12/2024	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Dr. P .Vanmathi	XXXXXXX37J	XXXXXXXXX692	Ph.D	Anna University	VLSI Design	01/08/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Dr.M.Swathy	XXXXXXX29D	XXXXXXXXX315	Ph.D	Anna University	Biomedical Engineering	05/01/2026	0	Assistant Professor	Assistant Professor		Regular	Yes		No

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):
UG1=1st UG program
UGn=nth UG program
B= No. of Students in UG 2nd year (ST)
C= No. of Students in UG 3rd year (ST)
D= No. of Students in UG 4th year (ST)
No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):
PG1=1st PG program.
PGm=mth PG program
A= No. of Students in PG 1st year
B= No. of Students in PG 2nd year
Student Faculty Ratio **(SFR)** = S/F
S= No. of students of all programs in the Department including all students of allied departments/clusters.
No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.
F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department1 No. of PG Programs in the Department1

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

Description	**CAY(2025-26)**	**CAYm1 (2024-25)**	**CAYm2 (2023-24)**
UG1.B	194	188	194
UG1.C	188	194	198
UG1.D	194	198	189
UG1: Electronics & Communication Engineering	**576**	**580**	**581**
UG2.B	60	60	60
UG2.C	60	60	60
UG2.D	60	60	60

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG2: Medical Electronics	**180**	**180**	**180**
PG1.A	12	12	12
PG1.B	12	12	12
PG1: Communication Systems	**24**	**24**	**24**
DS=Total no. of students in all UG and PG programs in the Department	600	604	605
AS=Total no. of students of all UG and PG programs in allied departments	180	180	180
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 780	**S2=** 784	**S3=** 785
DF=Total no. of faculty members in the Department	25	27	25
AF= Total no. of faculty members in the allied Departments	9	6	7
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 34	**F2=** 33	**F3=** 32
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= 22.94**	**SFR2= 23.76**	**SFR3= 24.53**
Average SFR for 3 years	**SFR= 23.74**		

C3. Faculty Qualification

- Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF)]
2025-26(CAY)	23	11	38.00	18.03
2024-25(CAYm1)	17	16	39.00	15.00
2023-24(CAYm2)	12	20	39.00	12.82

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	4.00	6.00	8.00	6.00	26.00	22.00

2024-25	4.00	6.00	8.00	5.00	26.00	22.00
2023-24	4.00	5.00	8.00	0.00	26.00	27.00
Average	RF1=4.00	AF1=5.67	RF2=8.00	AF2=3.67	RF2=26.00	AF2=23.67

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)

(CAYm2)

(CAYm3)

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	33	26	18
2	No. of peer reviewed conference papers published	29	17	16
3	No. of books/book chapters published	4	7	3

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
Dr. Komala James	NIL	ECE	Recording and storing metrics of normal and orthotic leg for analysis	TNSCST	2024 - 2025	0.08
						Amount received (Rs.):0.08

(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
Dr. N. Subhashini	NIL	ECE	Convergence of Energy Harvesting and Cooperative Communication Network towards the Emergence of the Smart Cities	DST - SERB	2023 – 2025	15.63
						Amount received (Rs.):15.63

(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: 15.71

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
Dr. C. Saravanakumar Dr. N. Subhashini	Sound Shield: Fortifying data with DNA inspired audio encryption	2 years	3.00	2.34	Publications: 2 (1-Scopus, 1- Google Scholar indexed) Patent: 1
			Amount received (Rs.): 3.00		

(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		
			Amount received (Rs.): 0.00		

Total amount (Lacs) received for the past 3 years : 3.00

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	DSP & VLSI Laboratory	2	FPGA - Spartan 3E Kit, Traffic Light Controller Interface Boards, 7 Segment Display Interface Boards, Xilinx	30 Hours	Ms. R. Kalaivani	Programmer	B.Tech.
2	Communication & Digital Laboratory	3	CRO 20 MHz, AFG 5 MHz, RF Signal Generator 100KHz – 150MHz, Amplitude Modulation Kit, Balanced	24 Hours	Mr.V.Tamilselvan	Lab Assistant	DECE
3	Microprocessor Laboratory	4	Microprocessor 8085 Trainer Kit, Microprocessor 8086 Trainer Kit, ADC, Stepper Motor Controller, Real Time	24 Hours	Mr.V.Tamilselvan	Lab Assistant	DECE
4	Embedded & IOT Laboratory	3	Arduino Uno, HC-SR04 Ultrasonic Sensor, IR Sensor module, Raspberry Pi 4, Monitor, USB Mouse,	24 Hours	Mr.V.Tamilselvan	Lab Assistant	DECE
5	EDC & LIC Laboratory	4	CRO 30 MHz, Audio Frequency Generator 5 MHz, Stabilizer (5KVA) Servo, LCR Meter, Power Meter	24 Hours	Mr. K.G.Rameshkumaran	Programmer	M.E.
6	Microwave & Optical Laboratory	3	Microwave X-BAND (8-12) GHz: Frequency Meter, Gunn Power Supply, Gunn Oscillator Isolator, Klystron	24 Hours	Mr. K.G.Rameshkumaran	Programmer	M.E.

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	DSP & VLSI Laboratory Communication & Digital Laboratory Microprocessor Laboratory Embedded & IOT Laboratory	1. Never do unauthorized experiments. 2. Never work alone in laboratory. 3. Keep the work area clear of all materials except those needed for your work. 4. Do not leave an on-going experiment unattended. 5. Do not use any equipment unless you are trained and approved as a user by your supervisor. 6. If you have long hair or loose clothes, make sure it is tied back or confined. 7. Equipment Failure - If a piece of equipment fails while being used, report it immediately to your lab assistant or Staff In-charge. 8. Obtain permission before operating any high voltage equipment. 9. Maintain an unobstructed access to all electrical panels. 10. Clean your lab bench and equipment, and arrange the chairs before you leave the laboratory. 11. Fire Extinguisher & First Aid Box Available in the Department

D3. Project Laboratory/Research Laboratory

Sl. No.	Name of the Laboratory						
1	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 lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
	Project Lab	4	ACER Desktop Intel core i7 8 GB RAM 1 TB HDD 2.80 GHz, Dell Monitor 20 inch LED	24 Hours	Ms. R. Kalaivani	Programmer	B.Tech. ECE
2	**Research & Development Lab**						

Name of the Facility	Details	Purpose for creating facility	Utilization	Relevance to POs/PSOs
• 1 GHz Spectrum Analyzer with Tracking Generator • RF Circuit Design Trainer • Cathode Ray Oscilloscope 100MHz • RF Source 150 MHz • Fiber Optic Trainer Kit • Antenna Trainer Kit with Accessories • Digital Storage Oscilloscope 100MHz • Optical Fiber Trainer Kit • Epson Projector • Audio Podium setup • Raptor 75 inches Interactive Panel.	Comprehensive R&D lab with RF trainers, spectrum analyzers, oscilloscopes, antenna and fiber optic trainers, computing and projection facilities.	To strengthen research and development activities in communication, RF, and optical systems.	Used for UG and PG projects, experimental research, faculty research work, and consultancy services.	PO4, PO5, PO10, PO12, PSO2.

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)	930	46	37	57	89
2024-25(CAYm1)	990	50	42	70	95
2025-26(CAY)	990	50	35	75	86

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	115.04	103.85	68.5	7.79	75.12	64.33	28.24	17.77
Library	4.89	1.25	1.64	4.44	10.25	1.17	26.57	2.83
Laboratory equipment	261.06	142.43	265.55	335.65	144.52	249.91	93.39	32.88
Teaching and non-teaching staff salary	2517.6	2266.94	2141.92	2292.05	1902.5	1941.52	1913.53	1993.39
Outreach Programs	7.5	3.56	7.5	6.13	5.5	4.92	2.5	1.29
R&D	6.31	4.42	12.01	6.01	6.08	3.02	6	5.76
Training, Placement and Industry linkage	213.7	10.49	185.21	203.54	30.71	31.83	25.97	28.86
SDGs	35.545	21.84	32.49	25.47	29.13	21.25	25.07	11.19
Entrepreneurship	0.185	0.166	0.085	0.085	0.02	0.02	0.085	0.046
Others, specify	1137.33	1218.19	920.4	1257.71	1001.2	1279.51	641.25	977.75
Total	**4299.160**	**3773.136**	**3635.305**	**4138.875**	**3205.03**	**3597.48**	**2762.605**	**3071.766**

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	16	7.693	22	21.038	15	14.379	6	5.414
Software	32	31.469	10	9.653	11	10.18	14	13.756
SDGs	3.25	1.984	2.25	2.041	2.19	2.187	2	1.537
Support for faculty development	0.3	0.26	0.3	0.405	0.3	0.179	0.3	0.213
R & D	5	1.584	4	1.81	0.2	0.139	1	0.872
Industrial Training, Industry expert, Internship	0.3	0.156	0.15	0.067	0.10	0.03	0	0
Miscellaneous Expenses*	7.5	7.121	7.5	7.18	4	3.862	3.5	3.266
Total	**64.35**	**50.267**	**46.20**	**42.194**	**32.79**	**30.956**	**26.8**	**25.058**