

**NATIONAL BOARD OF ACCREDITATION**

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

<b>Program Name</b> : Electronics & Communication Engineering	<b>Discipline</b> : Engineering & Technology
<b>Level</b> : Under Graduate	<b>Tier</b> : 1
<b>Application No</b> : 10582	<b>Date of Submission</b> : 09-05-2025

**PART A- Profile of the Institute**

<b>A1.Name of the Institute</b> : SRI ESHWAR COLLEGE OF ENGINEERING	
Year of Establishment : 2008	Location of the Institute: Coimbatore
<b>A2. Institute Address</b> :KONDAMPATTI (PO) VADASITHUR (VIA) KINATHUKADAVU COIMBATORE - 641 202	
City:Coimbatore	State:Tamil Nadu
Pin Code:641202	Website:www.sece.ac.in
Email:sece@sece.ac.in	Phone No(with STD Code):04259-200300
<b>A3. Name and Address of the Affiliating University (if any)</b> :	
Name of the University : ANNA UNIVERSITY CHENNAI	City: Chennai
State : Tamil Nadu	Pin Code: 60025
<b>A4. Type of the Institution</b> : Self-Supported Institute	
<b>A5. Ownership Status</b> : Self financing	

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

- No. of UG programs: **10**
- No. of PG programs: **3**

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	Artificial Intelligence and Data Science	2020	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Computer & Communication Engineering	2019	--	Computer and Communication Engineering
3	Engineering & Technology	UG	Computer Science and Business System	2020	--	Computer Science and Business System
4	Engineering & Technology	UG	Computer Science and Engineering	2008	--	Computer Science and Engineering
5	Engineering & Technology	PG	Computer Science and Engineering	2012	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2022	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
7	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering (Cyber Security)

8	Engineering & Technology	UG	Electrical & Electronics Engineering	2008	--	Electrical and Electronics Engineering
9	Engineering & Technology	UG	Electronics & Communication Engineering	2008	--	Electronics and Communication Engineering
10	Engineering & Technology	PG	Engineering Design	2013	--	Mechanical Engineering
11	Engineering & Technology	UG	Information Technology	2019	--	Information Technology
12	Engineering & Technology	UG	Mechanical Engineering	2009	--	Mechanical Engineering
13	Engineering & Technology	PG	VLSI Design	2011	--	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
Electronics and Communication Engineering	No	Electronics & Communication Engineering	UG
Computer Science and Engineering	Yes	Computer Science and 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)

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	2008 / --	60	Yes	2012	180	2012	AICTE	Granted accreditation for 3 years for the period (specify period)	2018	2025	1	4

## 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 :	SHANMUGASUNDARAM N
B. Nature of appointment:	Regular

C. Qualification:	ME/M. Tech and PhD
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**B3. Program Details**

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2020-21 (CAYm4)	2019-20 (CAYm5)	2018-19 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	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	180	180	180	180	164	111	143
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	11	9	13	10	4	7
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	9	8	9	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.	189	199	198	196	174	115	150

CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

**B4. Enrolment Ratio in the First Year**

Table No. B4.1: Student enrolment ratio in the 1st year.

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2024-25 (CAY)	180	180	9	105.00
2023-24 (CAYm1)	180	180	8	104.44
2022-23 (CAYm2)	180	180	9	105.00

Average [ (ER1 + ER2 + ER3) / 3 ] = 104.81

**B5. Success Rate of the Students in the Stipulated Period of the Program**

Table No.B5.1: The success rate in the stipulated period of a program.

Item	(2020-21) LYG	(2019-20) LYGm1	(2018-19) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	190.00	184.00	187.00
B=No. of students who graduated from the program in the stipulated course duration	166.00	113.00	146.00
Success Rate (SR)= (B/A) * 100	87.37	61.41	78.07

Average SR of three batches ((SR\_1+ SR\_2+ SR\_3)/3): 75.62

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

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

Academic Performance	CAYm1( 2023-24 )	CAYm2( 2022-23 )	CAYm3 ( 2021-22 )
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Mean of CGPA or mean percentage of all successful students(X)	7.80	7.80	8.10
Y=Total no. of successful students	184.00	189.00	180.00
Z=Total no. of students appeared in the examination	188.00	189.00	183.00
API [X*(Y/Z)]	7.63	7.80	7.97

Average API[ (AP1+AP2+AP3)/3 ] : 7.80

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

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

Academic Performance	CAYm1 ( 2023-24 )	CAYm2 ( 2022-23 )	CAYm3 ( 2021-22 )
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	7.60	7.80	8.20
Y=Total no. of successful students	197.00	193.00	170.00
Z=Total no. of students appeared in the examination	198.00	193.00	170.00
API [ X * (Y/Z) ]	7.56	7.80	8.20

Average API [ (AP1 + AP2 + AP3)/3 ] : 7.85

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

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

Academic Performance	CAYm1 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.70	8.00	8.30
Y=Total no. of successful students	193.00	170.00	114.00
Z=Total no. of students appeared in the examination	193.00	170.00	114.00
API [ X*(Y/Z) ]:	7.70	8.00	8.30

Average API [ (AP1 + AP2 + AP3)/3 ] : 8.00

**B9. Placement, Higher Studies, and Entrepreneurship**

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

Item	LYG (2020-21)	LYGm1(2019-20)	LYGm2(2018-19)
FS*=Total no. of final year students	190.00	184.00	187.00
X=No. of students placed	130.00	101.00	124.00
Y=No. of students admitted to higher studies	8.00	6.00	6.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = ((X + Y + Z)/FS) * 100):	72.63	58.15	69.52

Average Placement Index = (P\_1 + P\_2 + P\_3)/3: 66.77 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	SHANMUGASUNDARAM N	XXXXXXXX28Q	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS SENSOR NETWORKS	05/06/2017	7.11	Professor	Professor		Regular	Yes		Yes
2	SUDHA MOHANRAM	XXXXXXXX80G	ME/M. Tech and PhD	ANNA UNIVERSITY	POWER SYSTEMS	06/06/2008	16.11	Assistant Professor	Professor		Regular	Yes		No
3	MICHAELRAJ KINGSTON R	XXXXXXXX20J	ME/M. Tech and PhD	ANNA UNIVERSITY	ERROR CONTROL CODING	10/05/2018	6.11	Associate Professor	Professor	10/05/2022	Regular	Yes		No
4	RAJESHA NARASIMHA MURTHY	XXXXXXXX38Q	ME/M. Tech and PhD	SHRI JJT UNIVERSITY	RTOS	20/04/2022	3	Associate Professor	Associate Professor		Regular	Yes		No
5	RAJA L	XXXXXXXX35C	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS NETWORKS	27/07/2020	4.8	Professor	Professor		Regular	Yes		No
6	TERESA V V	XXXXXXXX96M	ME/M. Tech and PhD	ANNA UNIVERSITY	INFORMATION AND COMMUNICATION	15/05/2013	11.11	Assistant Professor	Associate Professor	31/05/2018	Regular	Yes		No
7	MOHANKUMAR M	XXXXXXXX32A	ME/M. Tech and PhD	ANNA UNIVERSITY	VLSI DESIGN	02/06/2010	14.11	Assistant Professor	Associate Professor	05/09/2022	Regular	Yes		No
8	THAMARAIMANALAN T	XXXXXXXX24R	ME/M. Tech and PhD	ANNA UNIVERSITY	VLSI DESIGN	15/06/2012	12.10	Assistant Professor	Associate Professor	07/09/2022	Regular	Yes		No
9	DHANASEKAR S	XXXXXXXX59D	ME/M. Tech and PhD	ANNA UNIVERSITY	VLSI DESIGN	02/07/2019	5.10	Associate Professor	Associate Professor		Regular	Yes		No
10	DHANASEKARAN S	XXXXXXXX67J	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS COMMUNICATION	07/06/2012	12.10	Assistant Professor	Associate Professor	12/04/2024	Regular	Yes		No
11	ANAND KUMAR V	XXXXXXXX03G	ME/M. Tech and PhD	ANNA UNIVERSITY	APPLIED ELECTRONICS	19/06/2013	11.10	Assistant Professor	Associate Professor	12/04/2024	Regular	Yes		No
12	SUGANYADEVI K	XXXXXXXX27N	ME/M. Tech and PhD	ANNA UNIVERSITY	EMBEDDED SYSTEMS	04/06/2012	12.11	Assistant Professor	Assistant Professor		Regular	Yes		No
13	DHANASEKAR J	XXXXXXXX39R	ME/M. Tech and PhD	ANNA UNIVERSITY	VLSI DESIGN	19/06/2013	11.10	Assistant Professor	Assistant Professor		Regular	Yes		No
14	GOKULAVASAN B	XXXXXXXX47L	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	19/06/2017	7.9	Assistant Professor	Assistant Professor		Regular	Yes		No
15	RAMESH A	XXXXXXXX82P	M.E/M.Tech	ANNA UNIVERSITY	EMBEDDED SYSTEM TECHNOLOGIES	13/06/2016	8.10	Assistant Professor	Assistant Professor		Regular	Yes		No
16	ISHWARYA NIRANJANA M	XXXXXXXX27K	M.E/M.Tech	ANNA UNIVERSITY	VLSI DESIGN	21/02/2022	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
17	RAMALINGAM S	XXXXXXXX63A	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS SENSOR NETWORK & IOT	13/12/2021	3.4	Assistant Professor	Associate Professor	06/08/2024	Regular	Yes		No

18	VENUGOPAL E	XXXXXX55R	M.E/M.Tech	ANNA UNIVERSITY	POWER ELECTRONICS AND DRIVES	30/12/2009	15.3	Assistant Professor	Assistant Professor		Regular	Yes		No
19	FARIDHA BANU D	XXXXXX76N	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	19/06/2017	7.10	Assistant Professor	Assistant Professor		Regular	Yes		No
20	MAHABOOB M	XXXXXX77M	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	19/06/2017	7.10	Assistant Professor	Assistant Professor		Regular	Yes		No
21	ANURADHA B	XXXXXX26B	M.E/M.Tech	KARPAGAM UNIVERSITY	VLSI DESIGN	19/06/2017	7.10	Assistant Professor	Assistant Professor		Regular	Yes		No
22	SINDHU D	XXXXXX66R	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	18/06/2014	10.10	Assistant Professor	Assistant Professor		Regular	Yes		No
23	PARTHIPAN V	XXXXXX14M	M.E/M.Tech	ANNA UNIVERSITY	VLSI DESIGN	19/06/2017	7.10	Assistant Professor	Assistant Professor		Regular	Yes		No
24	VIVEKKUMAR M	XXXXXX42D	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	23/12/2013	11.4	Assistant Professor	Assistant Professor		Regular	Yes		No
25	VENKATARAMANAN C	XXXXXX48C	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS SENSOR NETWORKS	12/07/2022	2.9	Professor	Professor		Regular	Yes		No
26	TAMILSELVI P	XXXXXX75N	ME/M. Tech and PhD	ANNA UNIVERSITY	NETWORK SECURITY	04/07/2022	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
27	KIRUTHIKA V	XXXXXX45B	ME/M. Tech and PhD	ANNA UNIVERSITY	NETWORKING,AUGMENTED REALITY	11/07/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
28	ARUN J	XXXXXX86F	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS COMMUNICATION	04/05/2022	3	Associate Professor	Associate Professor		Regular	Yes		No
29	UDHAYA KUMAR C	XXXXXX00L	M.E/M.Tech	KARPAGAM UNIVERSITY	VLSI DESIGN	01/06/2011	13	Assistant Professor	Assistant Professor		Regular	No	19/06/2024	No
30	THILLAIKKARASAI S	XXXXXX19P	M.E/M.Tech	ANNA UNIVERSITY	VLSI DESIGN	04/06/2012	12	Assistant Professor	Assistant Professor		Regular	No	28/06/2024	No
31	SAKTHI KUMAR B	XXXXXX60H	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	16/02/2022	3.2	Assistant Professor	Assistant Professor		Regular	Yes		No
32	SHANMUGA PRIYA A	XXXXXX24P	M.E/M.Tech	ANNA UNIVERSITY	POWER ELECTRONICS AND DRIVES	11/07/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
33	KOKILAMANI S	XXXXXX63H	M.E/M.Tech	ANNA UNIVERSITY	VLSI DESIGN	18/06/2014	10	Assistant Professor	Assistant Professor		Regular	No	19/06/2024	No
34	SURENDERKUMAR S	XXXXXX97K	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	04/07/2022	2.10	Assistant Professor	Assistant Professor		Regular	Yes		No
35	MOHANA PRIYA A	XXXXXX90R	M.E/M.Tech	ANNA UNIVERSITY	VLSI DESIGN	18/07/2022	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
36	LAKSHMANAN M	XXXXXX05F	ME/M. Tech and PhD	VIT UNIVERSITY	WIRELESS COMMUNICATION	13/06/2023	1.10	Professor	Professor		Regular	Yes		No
37	KUMARESHAN N	XXXXXX80J	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS COMMUNICATION	21/03/2022	3	Professor	Professor		Regular	Yes		No
38	MOHAIDEEN ABDUL KADHAR K	XXXXXX36N	ME/M. Tech and PhD	ANNA UNIVERSITY	CONTROL SYSTEM	14/06/2023	1.10	Professor	Professor		Regular	Yes		No

39	SURESH S	XXXXXX97B	ME/M. Tech and PhD	ANNA UNIVERSITY	POWER ELECTRONICS AND CONTROL	14/07/2023	1.9	Professor	Professor		Regular	Yes		No
40	MUTHUKUMARAN N	XXXXXX55H	ME/M. Tech and PhD	ANNA UNIVERSITY	DIGITAL IMAGE PROCESSING	19/07/2023	1.8	Professor	Professor		Regular	Yes		No
41	RAM KUMAR S	XXXXXX52Q	ME/M. Tech and PhD	ANNAMALAI UNIVERSITY	ELECTRONICS AND INSTRUMENTATION	17/05/2023	1.11	Associate Professor	Associate Professor		Regular	Yes		No
42	SUGANTHI EVANGELINE C	XXXXXX39R	ME/M. Tech and PhD	VIT UNIVERSITY	COMMUNICATION SYSTEMS	24/07/2023	1.9	Assistant Professor	Associate Professor	12/04/2024	Regular	Yes		No
43	SATHISH KUMAR D	XXXXXX08H	ME/M. Tech and PhD	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	21/06/2023	1.9	Associate Professor	Associate Professor		Regular	Yes		No
44	SARAVANAN M	XXXXXX21G	M.E/M.Tech	ANNA UNIVERSITY	VLSI DESIGN	24/02/2021	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
45	GAYATHRI C	XXXXXX91Q	M.E/M.Tech	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	04/06/2012	10.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2023	No
46	DEEPAK S	XXXXXX22K	M.E/M.Tech	ANNA UNIVERSITY	INFORMATION AND COMMUNICATION	19/06/2017	5.11	Assistant Professor	Assistant Professor		Regular	No	25/05/2023	No
47	KARPAKAM S	XXXXXX36H	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	26/07/2021	1.7	Assistant Professor	Assistant Professor		Regular	No	11/03/2023	No
48	SAKTHIKUMARAN K	XXXXXX75B	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	24/06/2019	4	Assistant Professor	Assistant Professor		Regular	No	30/06/2023	No
49	PUVIARASU A	XXXXXX46G	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	26/07/2021	1.4	Assistant Professor	Assistant Professor		Regular	No	30/11/2022	No
50	PRIYA L	XXXXXX18G	ME/M. Tech and PhD	ANNA UNIVERSITY	BIOMEDICAL ENGINEERING	13/05/2024	0.11	Professor	Professor		Regular	Yes		No
51	SHEEBA RANI GNANAMALAR S	XXXXXX83D	ME/M. Tech and PhD	MADRAS UNIVERSITY	EMBEDDED SYSTEMS	16/05/2024	0.11	Professor	Professor		Regular	Yes		No
52	BABU KARUPPIAH A	XXXXXX86D	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS SENSOR NETWORKS	12/06/2024	0.10	Professor	Professor		Regular	Yes		No
53	SARANYA S	XXXXXX75Q	ME/M. Tech and PhD	ANNA UNIVERSITY	COMMUNICATION SYSTEMS	12/06/2024	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
54	NIVETHITHA T	XXXXXX65H	M.E/M.Tech	ANNA UNIVERSITY	APPLIED ELECTRONICS	13/05/2024	0.11	Assistant Professor	Assistant Professor		Regular	Yes		No
55	TAMIL SELVAN S	XXXXXX97C	M.E/M.Tech	KARPAGAM UNIVERSITY	WIRELESS COMMUNICATION	01/07/2024	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
56	SAKTHIKUMAR R	XXXXXX75Q	M.E/M.Tech	ANNA UNIVERSITY	VLSI DESIGN	27/05/2024	0.11	Assistant Professor	Assistant Professor		Regular	Yes		No
57	PALANIVEL RAJAN S	XXXXXX41H	ME/M. Tech and PhD	ANNA UNIVERSITY	WIRELESS COMMUNICATION	19/08/2023	0.10	Professor	Professor		Regular	No	02/07/2024	No
58	ANAND R	XXXXXX21E	ME/M. Tech and PhD	AMIRTA UNIVERSITY	IMAGE PROCESSING	04/07/2022	1	Assistant Professor	Assistant Professor		Regular	No	25/07/2023	No

59	NAVEEN P	XXXXXXXX98B	ME/M. Tech and PhD	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	IMAGE PROCESSING	06/05/2021	2	Assistant Professor	Assistant Professor		Regular	No	19/05/2023	No
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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(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	191	189	193
UG1.C	189	193	190
UG1.D	193	190	184
<b>UG1: Electronics &amp; Communication Engineering</b>	<b>573</b>	<b>572</b>	<b>567</b>
PG1.A	18	18	18
PG1.B	18	18	18
<b>PG1: VLSI Design</b>	<b>36</b>	<b>36</b>	<b>36</b>
DS=Total no. of students in all UG and PG programs in the Department	609	608	603
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)	<b>S1= 609</b>	<b>S2= 608</b>	<b>S3= 603</b>
DF=Total no. of faculty members in the Department	48	45	42
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)	<b>F1= 48</b>	<b>F2= 45</b>	<b>F3= 42</b>
FF=The faculty members in F who have a 100% teaching load in the first-year courses	3	3	3
Student Faculty Ratio (SFR)=S/(F-FF)	<b>SFR1= 13.53</b>	<b>SFR2= 14.48</b>	<b>SFR3= 15.46</b>

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
Average SFR for 3 years	SFR= 14.49		

### C3. Faculty Qualification

- Faculty qualification index (FQ) =  $2.5 * [(10X + 4Y)/RF]$  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 = $2.5 \times [(10X + 4Y) / RF]$
2024-25(CAY)	28	20	30.00	30.00
2023-24(CAYm1)	25	20	30.00	27.50
2022-23(CAYm2)	16	26	30.00	22.00

### 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
2024-25	3.00	13.00	6.00	12.00	20.00	23.00
2023-24	3.00	11.00	6.00	8.00	20.00	26.00
2022-23	3.00	6.00	6.00	4.00	20.00	32.00
Average	RF1=3.00	AF1=10.00	RF2=6.00	AF2=8.00	RF2=20.00	AF2=27.00

### 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	Mrs. S. Sonali	Network Engineer	Thiran Hub Private Limited	U19EC302 - Data Communication Network, U19EC312 – Communication Networks Laboratory	68.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Venkatesh Rajakutti	Senior Design Engineer	Tessolve Semiconductors Pvt. Ltd	U19EC304 VLSI Design, U19ICIC406 – Introduction to Verilog coding	59.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Mahadevan Pattabiraman	Principal Engineer	Ciena	U19EC302 – Data Communication Networks, U19EC312 – Communication Networks Laboratory	62.00

**C6. Academic Research**

Table No. C6.1: Faculty publication details.

S.No.	Item	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
1	No. of peer reviewed journal papers published	47	17	11
2	No. of peer reviewed conference papers published	60	85	31
3	No. of books/book chapters published	18	2	2

**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
NA	NA	NA	NA	NA	NA	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
Dr.S.Nirmala	1.Dr.M.Mohankumar 2. Dr.T.Thamaraimanalan	Computer Science and Engineering & Electronics and Communication Engineering	Development of Quantum Computer Simulator and Implementation of Efficient Quantum Algorithms for Cryptography Applications	Defence Research and Development Organisation (DRDO)	2022-2024 (2 Years)	99.68
						Amount received (Rs.):99.68

(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
Dr.R.Michaelraj Kingston	NA	Electronics and Communication Engineering	Analysis and design of algorithms for LDPC decoders	Science and Engineering Research Board (SERB)	2018-2021 (3 years)	16.06
						Amount received (Rs.):16.06

**Total Amount (Lacs) Received for the Past 3 Years: 115.74**

**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
Mr. M. Vivek Kumar	Mr. B. Sakthikumar Dr. S. Ramalingam	ECE	Smart Fully Automatic Control Panel for Coir Pith Grow Bag Making Machines	Sri Palaniandavar Coirs, Erode	6 months	4.72
Mr. M. Vivek Kumar	Dr. S. Ramalingam	ECE	IoT based Production monitoring system with Web application	M R G Creations, Tiruppur	5 Months	2.06
Mr. M. Vivek Kumar	Dr. S. Ramalingam	ECE	IoT based office monitoring system with Web application	Pinesphere Solutions Private Limited, Coimbatore	4 Months	2.00
Mr. M. Vivek Kumar	Dr. S. Ramalingam	ECE	Live Cattle barn monitoring and Agri automation system using the Internet of Things	Mr. S. Krishna, Erode	4 Months	0.99
Mr. B. Sakthikumar	Dr. S. Ramalingam	ECE	Data Acquisition and Monitoring in Industrial Machineries using IoT	Lakshmi Industrial automation, Coimbatore	6 Months	0.18
Dr.K.Mohaideen Abdul Kadhar	NA	ECE	• Annotating the video data • Developing all unique automated annotating AI models required for the project	mokSa.ai Sterling Heights, Michigan, USA	2 Months	1.51
						Amount received (Rs.):11.46

**(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
Mr. M. Vivek Kumar	NA	ECE	Data acquisition system for Solar power plant using Machine Learning	Power Integrated Solutions	5 Months	1.20
Mr. M. Vivek Kumar	NA	ECE	IoT based Production monitoring system with Web application	Lingaas Technology, Coimbatore	5 Months	1.18
						Amount received (Rs.):2.38

**(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
Mr. M. Vivek Kumar	NA	ECE	• IoT based Water Guard Management system • Android based Mobile Application for monitoring and controlling the system	Q-TECH Solutions	5 Months	0.66
						Amount received (Rs.):0.66

**Total amount (Lacs) received for the past 3 years: 14.50**

**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
Dr L Raja	Real-time Traffic Management using VANET	1 year	1.92	1.92	Improved vehicular communication efficiency enabling dynamic rerouting and congestion reduction in real-time.
Dr N Muthukumar	Development of an AI powered Conversational Robot	1 year	1.17	1.17	Improved student and visitor engagement by providing instant, voice
Dr T Thamaraimanalan	AI & IoT Platform (Smart Energy Monitoring Solution)	1 year	3.34	3.34	Provided real-time monitoring and analytics of energy consumption
Dr C Venkataramanan	Early Detection of Forest Fire in Tropical Countries.	1 year	1.92	1.92	Deployed sensor-driven AI models for early identification of fire-prone conditions
			Amount received (Rs.): 8.35		

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

Total amount (Lacs) received for the past 3 years : 8.35

**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	Communication Lab (137 sq.m)	3	• Optical Trainer kit • NV 9000 Klystron Based Microwave Test Bench with MW Components & CD	▲ ▼	ODD SEM : 46	Mr.M.Shanmugavel	Lab Technician	DECE
2	Simulation Lab (135 sq.m)	1	• PCs with Turbo C Software • LAN Trainer Kit • NETSIM Software • DSP Trainer Kit	▲ ▼	ODD SEM : 34	Mr.S.Denithom	Lab Technician	DECE
3	Digital and Integrated Circuits Lab (105 sq.m)	3	• Regulated Power Supply • Cathode Ray Oscilloscopes • Function Generators • Digital IC Test Kits • Analog IC Test Kits • Digital IC	▲ ▼	ODD SEM : 40	Mr.G.Puviyarasu	Lab Technician	DECE
4	EDC Lab I (102 sq.m)	3	• Regulated Power Supply • Cathode Ray Oscilloscopes • Function Generators • Digital Multimeter • Soldering Iron • Digital Storage Oscilloscope	▲ ▼	ODD SEM : 74	Ms.E.Sobiya	Lab Technician	DECE
5	EDC Lab II (102 sq.m)	3	• Voltmeters &ammeters • Rectifier Kits • Soldering iron • Cathode Ray Oscilloscope • Function Generator • Digital Storage Oscilloscope • PCB	▲ ▼	ODD SEM : 57	Mr.M.Dhanasekaran	Lab Technician	DECE
6	Microprocessor Lab (106 sq.m)	3	• 8085,8086 Microprocessors • 8051 Microcontrollers • 8251 & 8253 Interface boards • 8255 Interface Board • Stepper Motor and Interface	▲ ▼	ODD SEM : 34	Mr.S.Arjunan	Lab Technician	DECE
7	Networking Lab (140 sq.m)	1	• HP ELITE 7100 Business Desktop PC • Cisco Packet Tracer • Wire shark • Visual Studio • Router • Modem • LAN • IPK • LAN T-Connectors	▲ ▼	ODD SEM: 17	Ms. S. Priyadharshini	Lab Instructor	B.E

**D2. Safety Measures in Laboratories**



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

Sr. No	Laboratory Name	Safety Measures
1	Simulation Lab	<input type="checkbox"/> Wear shoes while performing experiments. <input type="checkbox"/> Avoid loose clothing, jewelry or accessories during lab work. <input type="checkbox"/> Keep your hands dry while switching on the computer systems. <input type="checkbox"/> Surveillance Camera is installed in laboratories to ensure security. <input type="checkbox"/> All the computers are protected with licensed anti-virus software. <input type="checkbox"/> First Aid kits and fire extinguishers are available in all laboratories and periodic checks are conducted to ensure they are within their expiry dates <input type="checkbox"/> Do not insert unauthorized USB's or install unknown software. <input type="checkbox"/> Do not access or modify restricted system or network files. <input type="checkbox"/> Avoid unauthorized downloads and installations. <input type="checkbox"/> Shut down systems properly; avoid force shutdowns.
2	Networking Lab	<input type="checkbox"/> Wear shoes while performing experiments. <input type="checkbox"/> Avoid loose clothing, jewelry or accessories during lab work. <input type="checkbox"/> Keep your hands dry while switching on the computer systems. <input type="checkbox"/> Surveillance Camera is installed in laboratories to ensure security. <input type="checkbox"/> All the computers are protected with licensed anti-virus software. <input type="checkbox"/> First Aid kits and fire extinguishers are available in all laboratories and periodic checks are conducted to ensure they are within their expiry dates <input type="checkbox"/> Do not insert unauthorized USB's or install unknown software. <input type="checkbox"/> Do not access or modify restricted system or network files. <input type="checkbox"/> Avoid unauthorized downloads and installations. <input type="checkbox"/> Shut down systems properly; avoid force shutdowns.
3	Digital and Integrated Circuits Lab	<input type="checkbox"/> Wear shoes while performing experiments. <input type="checkbox"/> Avoid loose clothing, jewelry or accessories during lab work. <input type="checkbox"/> Keep hands dry before touching any electrical equipment <input type="checkbox"/> Check all connections with faculty/instructor before powering ON. <input type="checkbox"/> Use components and instruments with correct ratings. <input type="checkbox"/> Do not touch live circuits – switch OFF before making changes. <input type="checkbox"/> In case of electric shock, turn off power and seek help immediately. <input type="checkbox"/> All laboratories have been checked to ensure there is no open-ended wiring. <input type="checkbox"/> Know the location of miniature circuit breaker/ power switches. <input type="checkbox"/> First Aid kits and fire extinguishers are available in all laboratories and periodic checks are conducted to ensure they are within their expiry dates.
4	EDC Lab I	<input type="checkbox"/> Wear shoes while performing experiments. <input type="checkbox"/> Avoid loose clothing, jewelry or accessories during lab work. <input type="checkbox"/> Keep hands dry before touching any electrical equipment <input type="checkbox"/> Check all connections with faculty/instructor before powering ON. <input type="checkbox"/> Use components and instruments with correct ratings. <input type="checkbox"/> Do not touch live circuits – switch OFF before making changes. <input type="checkbox"/> In case of electric shock, turn off power and seek help immediately. <input type="checkbox"/> All laboratories have been checked to ensure there is no open-ended wiring. <input type="checkbox"/> Know the location of miniature circuit breaker/ power switches. <input type="checkbox"/> First Aid kits and fire extinguishers are available in all laboratories and periodic checks are conducted to ensure they are within their expiry dates.

5	EDC Lab II	<input type="checkbox"/> Wear shoes while performing experiments. <input type="checkbox"/> Avoid loose clothing, jewelry or accessories during lab work. <input type="checkbox"/> Keep hands dry before touching any electrical equipment <input type="checkbox"/> Check all connections with faculty/instructor before powering ON. <input type="checkbox"/> Use components and instruments with correct ratings. <input type="checkbox"/> Do not touch live circuits – switch OFF before making changes. <input type="checkbox"/> In case of electric shock, turn off power and seek help immediately. <input type="checkbox"/> All laboratories have been checked to ensure there is no open-ended wiring. <input type="checkbox"/> Know the location of miniature circuit breaker/ power switches. <input type="checkbox"/> First Aid kits and fire extinguishers are available in all laboratories and periodic checks are conducted to ensure they are within their expiry dates.
6	Communication Lab	<input type="checkbox"/> Wear shoes while performing experiments. <input type="checkbox"/> Avoid loose clothing, jewelry or accessories during lab work. <input type="checkbox"/> Keep hands dry before touching any electrical equipment <input type="checkbox"/> Check all connections with faculty/instructor before powering ON. <input type="checkbox"/> Use components and instruments with correct ratings. <input type="checkbox"/> Do not touch live circuits – switch OFF before making changes. <input type="checkbox"/> In case of electric shock, turn off power and seek help immediately. <input type="checkbox"/> All laboratories have been checked to ensure there is no open-ended wiring. <input type="checkbox"/> Know the location of miniature circuit breaker/ power switches. <input type="checkbox"/> First Aid kits and fire extinguishers are available in all laboratories and periodic checks are conducted to ensure they are within their expiry dates.
7	Microprocessor Lab	<input type="checkbox"/> Wear shoes while performing experiments. <input type="checkbox"/> Avoid loose clothing, jewelry or accessories during lab work. <input type="checkbox"/> Keep hands dry before touching any electrical equipment <input type="checkbox"/> Check all connections with faculty/instructor before powering ON. <input type="checkbox"/> Use components and instruments with correct ratings. <input type="checkbox"/> Do not touch live circuits – switch OFF before making changes. <input type="checkbox"/> In case of electric shock, turn off power and seek help immediately. <input type="checkbox"/> All laboratories have been checked to ensure there is no open-ended wiring. <input type="checkbox"/> Know the location of miniature circuit breaker/ power switches. <input type="checkbox"/> First Aid kits and fire extinguishers are available in all laboratories and periodic checks are conducted to ensure they are within their expiry dates.

**D3. Project Laboratory/Research Laboratory**

**TableNo.7.5.1:** List of project laboratory/research laboratory/Centre of Excellence.

S.No.	Name of the Laboratory
1.	<p><b>Centre of Excellence (CoE) Embedded &amp; IoT</b> (<a href="https://sece.ac.in/coe-embedded-iot/">https://sece.ac.in/coe-embedded-iot/</a>):</p> <p>A Centre of Excellence (CoE) in Embedded Systems and IoT having a dedicated location which provides immense value to the students in the rapidly evolving landscape of smart technologies. This CoE offers hands-on training in microcontroller programming, real-time sensor interfacing, wireless communication protocols, and IoT application development, bridging the gap between academic concepts and industry expectations. Conducted in the Embedded Systems and IoT Laboratory, the center empowers students to work on real-time projects and gain exposure to industry-relevant tools and platforms. It fosters a collaborative learning environment through peer-to-peer mentoring and encourages the formation of student-led innovation teams, enhancing their participation in technical events, project competitions, and national-level hackathons. A sample outcome is given below</p> 
2.	<p><b>Centre of Excellence (CoE) Networking</b> (<a href="https://sece.ac.in/coe-networking/">https://sece.ac.in/coe-networking/</a>):</p> <p>A Centre of Excellence (CoE) in Networking is located in networking lab which plays a crucial role in equipping students with the technical expertise required in the field of computer networks and communication systems. This CoE offers practical training in network design, configuration, simulation, cybersecurity, and protocol analysis using industry-standard tools such as Cisco Packet Tracer, NETSIM, and Wireshark. Housed in the Networking Laboratory, the center provides students with real-time exposure to LAN/WAN setup, routing and switching, and network troubleshooting. It bridges the gap between theoretical learning and industry practices, fostering a strong foundation in networking concepts. The CoE also encourages student-led initiatives, certifications, and participation in technical forums and networking competitions thereby enhancing their readiness for careers in network administration and cybersecurity. A sample outcome is given below</p> 

3.	<p><b>Centre of Excellence (CoE) System on Chip</b> (<a href="https://sece.ac.in/coe-system-on-chip/">https://sece.ac.in/coe-system-on-chip/</a>):</p> <p>A Centre of Excellence (CoE) in System on Chip (SoC) provides a specialized platform for students to explore the integration of hardware and software components on a single chip, a key technology in modern embedded systems. This CoE offers hands-on experience in digital design HDL programming (Verilog/VHDL), FPGA prototyping, and ASIC design methodologies using industry-relevant tools such as Xilinx Vivado and ModelSim. Conducted in the SoC Design Laboratory, the center enables learners to work on real-time applications involving signal processing, control systems, and communication protocols. It bridges academic learning with semiconductor industry practices, fostering innovation through student-driven projects and collaborative research. The CoE promotes active participation in design contests, internships, and technical symposiums, preparing students for careers in VLSI, embedded design, and chip-level system development. A sample outcome is given below</p>
	

### PART E: First Year faculty and financial Resources

(Data to be filled in for the first year course faculty and budget allocation and utilization)

**E1. First Year Student-Faculty Ratio (FYsFR)**

Table No. E1.1: FYsFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) +(NS2*0.2))/RF
2022-23(CAYm2)	840	42	34	26	77
2023-24(CAYm1)	840	42	37	29	84
2024-25(CAY)	1110	56	34	25	58

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

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

Items	Budgeted in 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Infrastructure Built-Up	100000000	83102793	95000000	102020803	30000000	33159474	7000000	7064235

Library	3000000	5493426	3000000	1894187	3000000	2458121	1000000	698123
Laboratory equipment	30000000	34388736	10000000	9680155	10000000	7160400	5000000	3253763
Teaching and non-teaching staff salary	250000000	253844583	200000000	195090318	150000000	132070064	100000000	90303889
Outreach Programs	500000	494935	500000	710678	200000	77034	200000	205263
R&D	15000000	18664716	15000000	13295630	15000000	18087273	15000000	1946268
Training, Placement and Industry linkage	30000000	26263876	15000000	14918107	10000000	8916304	200000	130194
SDGs	20000000	18889448	10000000	10494730	5000000	4792192	3000000	2255018
Entrepreneurship	500000	335197	500000	12900	500000	613600	100000	0
Others, specify	180500000	170823505	140200000	137093539	99500000	89083242	73200000	61547481
<b>Total</b>	<b>629500000</b>	<b>612301215</b>	<b>489200000</b>	<b>485211047</b>	<b>323200000</b>	<b>296417704</b>	<b>204700000</b>	<b>167404234</b>

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

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

Items	Budgeted in 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Laboratory equipment	2025000	2007430	170000	96182	1020000	870548	1020000	474997
Software	475000	384788	850000	850000	500000	0	760000	724500
SDGs	975000	1052386	1250000	1198841	1400000	1007245	100000	85351
Support for faculty development	2950000	2728050	1750000	1669435	950000	883014	1650000	1933433
R & D	5000000	4836164	1200000	1025933	1200000	3237154	25000	15765
Industrial Training, Industry expert, Internship	5200000	5316767	3600000	3513655	3600000	2156188	100000	34412
Miscellaneous Expenses*	2311000	2074236	2100000	2134485	2175000	2054124	2750000	2535324
<b>Total</b>	<b>18936000</b>	<b>18399821</b>	<b>10920000</b>	<b>10488531</b>	<b>10845000</b>	<b>10208273</b>	<b>6405000</b>	<b>5803782</b>