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: 10194	**Date of Submission**: 27-02-2025

PART A- Profile of the Institute

A1.Name of the Institute: K.S.R.COLLEGE OF ENGINEERING	
Year of Establishment : 2001	Location of the Institute: TIRUCHENGODE
A2. Institute Address:K.S.R.COLLEGE OF ENGINEERING K.S.R.KALVI NAGAR THOKKAVADI TIRUCHENGODE-637215 NAMAKKAL (DT),TAMILNADU	
City:--Select--	State:Tamil Nadu
Pin Code:637215	Website:www.ksrce.ac.in
Email:INFO@KSRCE.AC.IN	Phone No(with STD Code):04288-274741
A3. Name and Address of the Affiliating University (if any):	
Name of the University : NIL	City: Chennai
State : Tamil Nadu	Pin Code: 600025
A4. Type of the Institution: Autonomous CAY(2012-13)	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **12**
- No. of PG programs: **12**

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	2003	--	Computer Application
2	Engineering & Technology	UG	Automobile Engineering	2009	--	Automobile Engineering
3	Engineering & Technology	PG	Big Data Analytics	2024	--	Computer Science and Engineering
4	Engineering & Technology	UG	Biomedical Engineering	2024	--	Biomedical Engineering
5	Engineering & Technology	PG	CAD/CAM	2024	--	Mechanical Engineering
6	Engineering & Technology	UG	Civil Engineering	2002	--	Civil Engineering
7	Engineering & Technology	PG	Communication Systems	2010	--	Electronics and Communication Engineering
8	Engineering & Technology	UG	Computer Science and Design	2023	--	Computer Science and Design
9	Engineering & Technology	PG	Computer Science and Engineering	2007	--	Computer Science and Engineering
10	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
11	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering (Cyber Security)
12	Engineering & Technology	UG	Computer Science and Engineering (Internet of Things)	2023	--	Computer Science and Engineering (Internet of Things)
13	Engineering & Technology	PG	Construction Engineering & Management	2010	--	Civil Engineering
14	Engineering & Technology	UG	Electrical and Electronics Engineering	2002	--	Electrical and Electronics Engineering

15	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
16	Engineering & Technology	PG	Embedded Systems Technologies	2024	--	Electrical and Electronics Engineering
17	Engineering & Technology	PG	Industrial Safety Engineering	2011	--	Mechanical Engineering
18	Engineering & Technology	PG	Information Technology	2012	--	Information Technology
19	Engineering & Technology	UG	Information Technology	2001	--	Information Technology
20	Engineering & Technology	UG	Mechanical Engineering	2005	--	Mechanical Engineering
21	Engineering & Technology	PG	Power Electronics & Drives	2009	--	Electrical and Electronics Engineering
22	Engineering & Technology	UG	Safety & Fire Engineering	2020	--	Safety and Fire Engineering
23	Engineering & Technology	PG	Structural Engineering	2009	--	Civil Engineering
24	Management	PG	Master of Business Administration	2006	--	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	Yes	Computer Science and Engineering	UG
Electronics and Communication Engineering	Yes	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)

Allied Department/Cluster Name	Program Name	Program Level
Electronics and Communication Engineering	Electrical and Electronics Engineering	UG
Electronics and Communication Engineering	Embedded Systems Technologies	PG
Electronics and Communication Engineering	Power Electronics & Drives	PG
Electronics and Communication Engineering	Biomedical Engineering	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/COM AUTHORIT DETAILS
1	Electronics & Communication Engineering	UG	2001 / --	60	Yes	2024	150	2024	F.No.Southe 4365844476 dated 24/05

Sanctioned Intake for Last Five Years for the Communication Systems	
Academic Year	Sanctioned Intake
2024-25	150
2023-24	90
2022-23	90
2021-22	90
2020-21	120
2019-20	120

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 APPROVA
1	Electronics and Communication Engineering	Electrical and Electronics Engineering	UG	2002 / --	60	Yes	2024	120	2024

Sanctioned Intake for Last Five Years for the Electrical and Electronics Engineering	
Academic Year	Sanctioned Intake
2024-25	120
2023-24	60
2022-23	60
2021-22	60
2020-21	60
2019-20	120

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 APPROVA
2	Electronics and Communication Engineering	Biomedical Engineering	UG	2024 / --	60	No	NA	60	2024
3	Electronics and Communication Engineering	Embedded Systems Technologies	PG	2024 / --	6	No	NA	6	2024
4	Electronics and Communication Engineering	Power Electronics & Drives	PG	2009 / --	18	Yes	2021	6	2021

Sanctioned Intake for Last Five Years for the Power Electronics & Drives	
Academic Year	Sanctioned Intake
2024-25	6
2023-24	6
2022-23	6
2021-22	6
2020-21	9
2019-20	18

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

A. Name of the HoD :	Dr. C.Gowri Shankar
B. Nature of appointment:	Regular
C. Qualification:	ME/M. Tech and PhD

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)	150	90	90	90	120	120	120
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	150	90	90	90	95	78	43

N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	4	7	7	0	0	0
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	8	5	0	4	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	158	99	97	101	95	78	43

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)	150	8	0	105.33
2023-24 (CAYm1)	90	5	0	105.56
2022-23 (CAYm2)	90	0	0	100.00

Average [(ER1 + ER2 + ER3) / 3] = 103.63≡ 100

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).	95.00	78.00	43.00
B=No. of students who graduated from the program in the stipulated course duration	75.00	67.00	40.00
Success Rate (SR)= (B/A) * 100	78.95	85.90	93.02

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 85.96

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)
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)	7.94	7.60	7.52
Y=Total no. of successful students	94.00	87.00	93.00
Z=Total no. of students appeared in the examination	94.00	87.00	93.00
API [X*(Y/Z)]	7.94	7.60	7.52

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

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)	7.65	7.55	7.38
Y=Total no. of successful students	66.00	73.00	75.00
Z=Total no. of students appeared in the examination	73.00	80.00	75.00
API [X * (Y/Z)]	6.92	6.89	7.38

Average API [(AP1 + AP2 + AP3)/3] : 7.06

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)	7.71	7.32	7.13

Y=Total no. of successful students	73.00	75.00	67.00
Z=Total no. of students appeared in the examination	73.00	75.00	67.00
API [X*(Y/Z)]:	7.71	7.32	7.13

Average API [(AP1 + AP2 + AP3)/3] : 7.39

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	120.00	120.00	120.00
X=No. of students placed	69.00	56.00	32.00
Y=No. of students admitted to higher studies	4.00	4.00	1.00
Z=Total no. of students appeared in the examination	2.00	1.00	1.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	62.50	50.83	28.33

Average Placement Index = (P_1 + P_2 + P_3)/3: 47.22 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)
1	Dr. R. Nandakumar	XXXXXXX09Q	ME/M. Tech and PhD	Anna University	Medical Image Processing	01/07/2024	0.7	Professor	Professor	01/07/2024	Regular
2	Dr. P.S. Periasamy	XXXXXXX16P	ME/M. Tech and PhD	Anna University	Digital Image Processing	02/07/2001	23.7	Assistant Professor	Professor	28/06/2006	Regular
3	Dr. C.Gowri Shankar	XXXXXXX97R	ME/M. Tech and PhD	Anna University	Digital Image Processing	01/12/2010	14.2	Assistant Professor	Professor	21/11/2019	Regular
4	Dr. S. Karthikeyan	XXXXXXX48K	ME/M. Tech and PhD	Anna University	Digital Image Processing	11/08/2004	20.5	Assistant Professor	Professor	02/11/2015	Regular
5	Dr. R. Eswaramoorthi	XXXXXXX39E	ME/M. Tech and PhD	Anna University	Wireless Communication	24/09/2007	17.4	Assistant Professor	Professor	01/08/2018	Regular
6	Dr. T.M. Sathish Kumar	XXXXXXX70E	ME/M. Tech and PhD	Anna University	Low Power VLSI	21/01/2008	17	Assistant Professor	Associate Professor	01/07/2021	Regular
7	Dr. A.Velliangiri	XXXXXXX71M	ME/M. Tech and PhD	Anna University	Embedded Systems	02/06/2008	16.8	Assistant Professor	Associate Professor	01/07/2021	Regular
8	Dr. R. Poornima	XXXXXXX72A	ME/M. Tech and PhD	Anna University	Wireless Communication	16/06/2008	16.7	Assistant Professor	Associate Professor	01/07/2021	Regular
9	Dr. P. Mahendran	XXXXXXX32E	ME/M. Tech and PhD	Anna University	VLSI Design	03/12/2010	14.2	Assistant Professor	Associate Professor	01/07/2022	Regular
10	Dr. K.P. Uvarajan	XXXXXXX73E	ME/M. Tech and PhD	Anna University	Wireless Communication	03/06/2013	11.8	Assistant Professor	Associate Professor	01/07/2024	Regular
11	Dr.S.Jayachitra	XXXXXXX11H	ME/M. Tech and PhD	Anna University	Wireless Communication	01/07/2024	0.7	Associate Professor	Associate Professor	01/07/2024	Regular
12	Dr.P.Govindaraju	XXXXXXX16J	ME/M. Tech and PhD	Anna University	Wireless Sensor Networks	01/07/2024	0.7	Assistant Professor	Assistant Professor		Regular
13	Mr. R. Veeramani	XXXXXXX74K	M.E/M.Tech	Anna University	Optical Communication	01/12/2011	13.2	Assistant Professor	Assistant Professor		Regular
14	Mr. K. Karuppanasamy	XXXXXXX48N	M.E/M.Tech	Anna University	VLSI Design	24/06/2009	15.7	Assistant Professor	Assistant Professor		Regular
15	Mr. J. Rameshkumar	XXXXXXX50P	M.E/M.Tech	Anna University	VLSI Design	02/06/2010	14.8	Assistant Professor	Assistant Professor		Regular
16	Mr. M. Jothimani	XXXXXXX78L	M.E/M.Tech	Anna University	VLSI Design	01/06/2011	13.8	Assistant Professor	Assistant Professor		Regular

17	Mr. S. Krishnakumar	XXXXXXX91F	M.E/M.Tech	Anna University	Applied Electronics	02/12/2013	11.2	Assistant Professor	Assistant Professor		Regular
18	Mrs. P. Usha	XXXXXXX19H	M.E/M.Tech	Anna University	VLSI Design	01/07/2020	4.7	Assistant Professor	Assistant Professor		Regular
19	Mrs. D. Gowthami	XXXXXXX04E	M.E/M.Tech	Anna University	Embedded Systems	01/07/2020	4.7	Assistant Professor	Assistant Professor		Regular
20	Mrs.V.Sindhuja	XXXXXXX32F	M.E/M.Tech	Anna University	Digital Image Processing	01/07/2024	0.7	Assistant Professor	Assistant Professor		Regular
21	Mrs. S. Sridevi	XXXXXXX89L	M.E/M.Tech	Anna University	Communication Systems	01/07/2022	2.7	Assistant Professor	Assistant Professor		Regular
22	Mr.T.Marthandan	XXXXXXX31R	M.E/M.Tech	Anna University	Communication Systems	01/07/2024	0.7	Assistant Professor	Assistant Professor		Regular
23	Dr. R. Satheeskumar	XXXXXXX31P	ME/M. Tech and PhD	Anna University	Wireless Communication	21/01/2008	17	Assistant Professor	Associate Professor	01/07/2021	Regular
24	Mr. P. Sivasankar Rajamani	XXXXXXX78P	M.E/M.Tech	Anna University	VLSI Design	03/12/2008	16.2	Assistant Professor	Assistant Professor		Regular
25	Mr.M.M. Arun Prasath	XXXXXXX23L	M.E/M.Tech	Anna University	Applied Electronics	01/07/2024	0.7	Assistant Professor	Assistant Professor		Regular
26	Mr. C. Karthik	XXXXXXX24B	M.E/M.Tech	Anna University	Applied Electronics	01/07/2013	9.10	Assistant Professor	Assistant Professor		Regular
27	Mr. R. Mahendran	XXXXXXX22K	M.E/M.Tech	Anna University	VLSI Design	15/07/2013	9.9	Assistant Professor	Assistant Professor		Regular
28	Dr.P.Thilagavathi	XXXXXXX76Q	ME/M. Tech and PhD	Anna University	VLSI Testing	01/11/2007	17.4	Assistant Professor	Associate Professor	01/07/2010	Regular
29	Ms.R.Saraswathi	XXXXXXX49L	M.E/M.Tech	Anna University	VLSI Design	02/12/2019	5.2	Assistant Professor	Assistant Professor		Regular

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 ... on which Designated as Professor/Associate Professor if any
1	Dr. S. Ramesh	XXXXXXX04G	XXXXXXXXX354	ME/M. Tech and PhD	Anna University	Power Systems	02/06/2004	20.8	Assistant Professor	Professor	02/0...
2	Dr. M. Vijayakumar	XXXXXXX44D	XXXXXXXXX850	ME/M. Tech and PhD	Anna University	Power Systems	17/06/2009	15.7	Assistant Professor	Professor	02/0...
3	Dr. M. Ramasamy	XXXXXXX05J	XXXXXXXXX767	ME/M. Tech and PhD	Anna University	Power Electronics and Drives	03/12/2008	16.2	Assistant Professor	Associate Professor	01/0...
4	Dr. R.Sankarganesh	XXXXXXX69Q	XXXXXXXXX773	ME/M. Tech and PhD	Anna University	Power Electronics and Drives	13/09/2007	17.4	Assistant Professor	Associate Professor	01/1...
5	Dr. E. Vani	XXXXXXX92G	XXXXXXXXX061	ME/M. Tech and PhD	Anna University	Power Electronics and Drives	01/11/2007	17.3	Assistant Professor	Associate Professor	01/0...
6	Mrs. K.Yamuna	XXXXXXX23B	XXXXXXXXX773	M.E/M.Tech	Annamalai University	Power Systems	02/06/2010	14.8	Assistant Professor	Assistant Professor	
7	Dr. S. Senthilkumar	XXXXXXX16R	XXXXXXXXX032	ME/M. Tech and PhD	Anna University	Information & Communication Engineering	03/07/2009	15.7	Assistant Professor	Assistant Professor	
8	Mr. M. Subramani	XXXXXXX53R	XXXXXXXXX354	M.E/M.Tech	Anna University	Embedded & Real Time Systems	14/07/2009	15.6	Assistant Professor	Assistant Professor	
9	Mrs. B. Yuvarani	XXXXXXX65H	XXXXXXXXX635	M.E/M.Tech	Anna University	Power Electronics and Drives	14/06/2010	14.8	Assistant Professor	Assistant Professor	
10	Mrs. A. VasanthI	XXXXXXX84E	XXXXXXXXX070	M.E/M.Tech	Anna University	Power Electronics and Drives	05/07/2010	14.7	Assistant Professor	Assistant Professor	

11	Mr. E. Kannan	XXXXXXX91L	XXXXXXXXX031	M.E/M.Tech	Anna University	VLSI Design	01/07/2013	11.7	Assistant Professor	Assistant Professor	
12	Mr. S. Gowtham	XXXXXXX14R	XXXXXXXXX439	M.E/M.Tech	Anna University	Power Electronics and Drives	01/06/2015	9.8	Assistant Professor	Assistant Professor	
13	Mr.S.Dhivagar	XXXXXXX00B	XXXXXXXXX473	M.E/M.Tech	Anna University	Power Electronics and Drives	09/09/2019	5.4	Assistant Professor	Assistant Professor	
14	Dr. V. Ravi	XXXXXXX04L	XXXXXXXXX175	ME/M. Tech and PhD	Anna University	Power Systems	01/06/2007	17.8	Assistant Professor	Professor	
15	Dr.R.Kumaresan	XXXXXXX58E	NA	ME/M. Tech and PhD	Anna University	Electrical Engineering	24/06/2009	13.11	Assistant Professor	Assistant Professor	
16	Dr.R.Jeyabharath	XXXXXXX69R	XXXXXXXXX587	ME/M. Tech and PhD	Anna University	Power Electronics and Drives	01/07/2024	0.7	Professor	Professor	01/0
17	Dr.P.Veena	XXXXXXX39A	XXXXXXXXX452	ME/M. Tech and PhD	Anna University	Power Electronics and Drives	01/07/2024	0.7	Professor	Professor	01/0
18	Dr.S.Rajasekaran	XXXXXXX50R	XXXXXXXXX070	ME/M. Tech and PhD	Anna University	Power Electronics and Drives	01/07/2024	0.7	Associate Professor	Associate Professor	01/0
19	Dr.J.GanesMoorthy	XXXXXXX85K	XXXXXXXXX404	ME/M. Tech and PhD	National Institute of Technology	Renewable Energy Systems	19/06/2024	0.7	Assistant Professor	Assistant Professor	
20	Dr.K.Lakshmi	XXXXXXX75E	XXXXXXXXX234	ME/M. Tech and PhD	Anna University	Power Systems	17/08/2022	2.5	Professor	Professor	17/0
21	Dr.R.Senthil Kumar	XXXXXXX23R	NA	ME/M. Tech and PhD	Anna University	Electrical Engineering	24/12/2021	1.5	Assistant Professor	Assistant Professor	
22	Dr.K.Sathiyasekar	XXXXXXX62A	XXXXXXXXX893	ME/M. Tech and PhD	Anna University	High Voltage Engineering	01/07/2024	0.7	Professor	Professor	01/0
23	Mrs.R.Sacithraa	XXXXXXX13J	XXXXXXXXX818	M.E/M.Tech	Anna University	Control and Instrumentation	01/07/2024	0.7	Assistant Professor	Assistant Professor	
24	Mr.A.Ravi	XXXXXXX45P	XXXXXXXXX627	M.E/M.Tech	Anna University	Embedded Systems Technology	01/07/2024	0.7	Assistant Professor	Assistant Professor	
25	Dr.P.Prabhu	XXXXXXX75P	XXXXXXXXX741	ME/M. Tech and PhD	Anna University	Signal and Image Processing	01/07/2024	0.7	Associate Professor	Associate Professor	01/0
26	Dr.M.Vijayakumar	XXXXXXX67H	XXXXXXXXX258	ME/M. Tech and PhD	Anna University	Electrical Engineering	01/12/2010	14.2	Assistant Professor	Assistant Professor	
27	Mrs.M.Sornalatha	XXXXXXX92J	NA	M.E/M.Tech	Anna University	Applied Electronics	01/06/2005	19	Assistant Professor	Assistant Professor	

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 Department3 No. of PG Programs in the Department3
Table No.C2.1: Student-faculty ratio.

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	94	97	97
UG1.C	97	97	132

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.D	97	132	123
UG1: Electronics & Communication Engineering	**288**	**326**	**352**
UG2.B	0	0	0
UG2.C	0	0	0
UG2.D	0	0	0
UG2: Biomedical Engineering	**0**	**0**	**0**
UG3.B	66	66	66
UG3.C	66	66	66
UG3.D	66	66	132
UG3: Electrical and Electronics Engineering	**198**	**198**	**264**
PG1.A	6	6	6
PG1.B	6	6	6
PG1: Communication Systems	**12**	**12**	**12**
PG2.A	6	0	0
PG2.B	0	0	0
PG2: Embedded Systems Technologies	**6**	**0**	**0**
PG3.A	6	6	6
PG3.B	6	6	6
PG3: Power Electronics & Drives	**12**	**12**	**12**
DS=Total no. of students in all UG and PG programs in the Department	300	338	364
AS=Total no. of students of all UG and PG programs in allied departments	216	210	276
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 516	**S2=** 548	**S3=** 640
DF=Total no. of faculty members in the Department	26	21	23
AF= Total no. of faculty members in the allied Departments	24	17	19
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 50	**F2=** 38	**F3=** 42
FF=The faculty members in F who have a 100% teaching load in the first-year courses	4	2	2
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 11.22**	**SFR2= 15.22**	**SFR3= 16.00**
Average SFR for 3 years	**SFR= 14.15**		

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)]
2024-25(CAY)	13	22	25.00	21.80
2023-24(CAYm1)	19	19	26.00	25.58
2022-23(CAYm2)	21	21	31.00	23.71

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**

2024-25	2.00	12.00	5.00	13.00	16.00	25.00
2023-24	2.00	8.00	5.00	8.00	17.00	22.00
2022-23	3.00	8.00	6.00	8.00	20.00	26.00
Average	RF1=2.33	AF1=9.33	RF2=5.33	AF2=9.67	RF2=17.67	AF2=24.33

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. R. Valarmathi	Former Professor & Head	Department of Electronics and Communication Engineering, Government College of Engineering, Erode (F	20EC312 - Digital Electronics	30.00
2	Dr. R. Valarmathi	Former Professor & Head	Department of Electronics and Communication Engineering, Government College of Engineering, Erode (F	20EC613 - VLSI Design	30.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. A.Mahabub Basha	Former Senior Professor	National Institute of Technology, Calicut	20EE331 - Electrical Machines	30.00
2	Dr. A.Mahabub Basha	Former Senior Professor	National Institute of Technology, Calicut	20EC414 -Microprocessors and Microcontrollers	30.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Prof. Muthuraman Ramasamy	Professor emeritus Former Professor	Department of Electronics & Communication Engineering, Karpagam Universtiy, Coimbatore	20EC321 - Electronic Devices Laboratory	30.00
2	Prof. Muthuraman Ramasamy	Professor emeritus Former Professor	Department of Electronics & Communication Engineering, Karpagam Universtiy, Coimbatore	20EC412 - Electronic Circuits	30.00

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	16	24	14
2	No. of peer reviewed conference papers published	24	17	8
3	No. of books/book chapters published	9	1	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
Dr.P.S.Periasamy	Dr.A.Velliangiri	Electronics and Communication Engineering	CCTV Installation Technician	PMKVY	1 year	10.57
Dr.A.Velliangiri	-	Electronics and Communication Engineering	Soldier Health and Position Tracking System	TNSCST	6 months	0.08
Ms.S.Suruthi	-	Electronics and Communication Engineering	Speech Emotion Recognition with Deep Convolution Neural Networks	TNSCST	6 months	0.08
						Amount received (Rs.):10.73

(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.R.Satheeskumar	Mrs.P.Usha	Electronics and Communication Engineering	Patrol surveillance Robotics	Caliber Virtual Technology, Erode	1 year	1.15
						Amount received (Rs.):1.15

(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.P.S.Periasamy	Dr.A.Velliangiri	Electronics and Communication Engineering	Sensor Technology	AICTE	15 days	0.93
Mr.R.Veeramani	-	Electronics and Communication Engineering	Voice Controller Robot	TNSCST	6 months	0.08
						Amount received (Rs.):1.01

Total Amount (Lacs) Received for the Past 3 Years: 12.89

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
Dr.S.Karthikeyan	Mrs.D.Gowthami	ECE	Paddy drying control system	SindhuGangai Modern Rice Mill,Arachalur	11 months	0.24
Mrs.P.Thilagavathi	Mr.T.M.SathishKumar,Mrs.S.Jeyabharathi,Mrs.P.Usha	ECE	Wireless Robot	Embuzz Technologies Coimbatore	10 months	0.40
Mrs.S.Sridevi	-	ECE	Embedded System Design for Automation	NEXGEN Technologies,Puducherry	6 months	0.15
Dr.C.Gowri Shankar	Mr.P.Sivasankar Rajamani	ECE	Design systems for monitoring and controlling renewable energy sources	Textro Electronics,Coimbatore	14 months	1.46
Dr.C.Gowri Shankar	Dr.M.Vijayakumar,Dr.S.Senthilkumar	ECE	Energy Management in Textile Mill	Maha Ganapathy Tex,Erode	1 month	0.30
						Amount receiv (Rs.):2.55

(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
Dr.S.Karthikeyan	Dr.P.Mahendran,Dr.R.SatheesKumar,Mr.R.Veeramani	ECE	Emergency vehicle communication using IoT	Salieabs,Salem	10 months	1.02
Dr.R.Satheeskumar	Mr.J.Rameshkumar	ECE	Digital Beamforming design for MIMO Systems	VTEC Engineering,Coimbatore	16 months	2.00
Dr.C.Gowri Shankar	Dr.E.Vani,Dr.M.Ramasamy	ECE	Energy Management in Paper Board Industry	Sun Board Industries,Tiruchengode	1 month	0.30
						Amount receiv (Rs.):3.32

(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(Lac i.e. 15,25,000=1
Dr.R.Eswaramoorthi	Mrs.P.Thilagavathi,Mr.R.Veeramani,Mr.M.Jothimani,Dr.K.P.Uvarajan	ECE	IoT based systems for automotive industry	Green Olive Innovations,Chennai	4 months	1.00
Dr.A.Velliangiri	Mr.K.Karuppanasamy	ECE	Design a Universal Asynchronous Receiver and Transmitter for serial communication	Intrinsic Solution,Bangalore	15 months	1.77
						Amount rece (Rs.):2.77

Total amount (Lacs) received for the past 3 years: 8.64

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.R.Poornima,Mrs.D.Gowthami	AI-Driven Portable Health Diagnostics using Edge Computing for Rural Healthcare	1 year	1.55	1.55	Enhanced Rural Health Diagnostics
			Amount received (Rs.): 1.55		

(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.S.Karthikeyan,Mrs.P.Thilagavathi	Io T Based Smart and Portable System for Remote Pateint Monitoring System	1 year	0.85	0.85	Remote specialist consultations for improved healthcare.
			Amount received (Rs.): 0.85		

(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
Dr.T.M.Sathishkumar,Mrs.P.Usha	Design of Bar Code Label Printer	1 year	1.68	1.68	Efficient barcode printing
			Amount received (Rs.): 1.68		

Total amount (Lacs) received for the past 3 years : 4.08

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	Circuit Theory Laboratory (II Sem)	47	• Electronic Workbench Consists of: ☐ Regulated Power Supply (0-	3 Sessions	Mr. M. Guru F	Lab Instructor	B.E.,
2	Electron Devices Laboratory (III Sem)	24	• Electronic Workbench Consists of: ☐ Regulated Power Supply (0-	4 Sessions	Mr. M. Guru F	Lab Instructor	B.E.,
3	Digital Electronics Laboratory (III Sem)	24	• Electronic Workbench Consists of: ☐ Regulated Power Supply (0-	4 Sessions	Mr. R. Manika	Lab Assistant	B.E.,
4	Electronic Circuits & Simulation Laboratory (IV	24	• Electronic Workbench Consists of: ☐ Regulated Power Supply (0-	4 Sessions	Mr. R. Jayaku	Lab Technicia	ITI
5	Linear Integrated Circuits Laboratory (IV Sem)	24	• Electronic Workbench Consists of: ☐ Regulated Power Supply (0-	4 Sessions	Mr. R. Manika	Lab Assistant	B.E.,
6	Microprocessor and Microcontroller laboratory	46	• Electronic Workbench with PC: ☐ Processor – i3-2nd GEN ☐ 4GB	2 Sessions	Mr. S. Anandl	Lab Technicia	ITI
7	Digital Signal Processing Laboratory (V Sem)	46	• Personal Computer ☐ Processor – i3-2nd GEN ☐ 10GB RAM &	2 Sessions	Mrs. S. Renu	Lab Assistant	DECE
8	Computer Networks Laboratory (V Sem)	47	• Personal Computer ☐ Processor – i5-6th GEN ☐ 16GB RAM &	2 Sessions	Mrs. P. Sound	Programmer	BCA

9	Embedded System Design Laboratory (V Sem)	47	• Electronic Workbench with PC: ☐ Processor – i3-2nd GEN ☐ 4GB RAM & 500GB HDD · Firebird v	2 Sessions	Mr. S. Anandl	Lab Technicia	ITI
10	Communication Systems Laboratory (VI Sem)	24	• CRO (20MHz) • Function Generator (1MHz) • Regulated Power Supply (0-30V) · AM	4 Sessions	Mrs. S.S. Suc	Lab Technicia	B.Lit., ITI
11	VLSI Laboratory (VI Sem)	24	• Personal Computer ☐ Processor – i3-2nd GEN ☐ 10GB RAM & 500GB HDD · Nexys3 Spartan 6	4 Sessions	Ms. R. Dhivya	Lab Assistant	B.Sc
12	RF, Microwave and Optic Laboratory (VII Sem)	47	• Klystron power supply, Klystron tube • Gunn power supply, Gunn oscillator PIN modulator, Isolator	2 Sessions	Mr. R. Manika	Lab Assistant	B.E.,
13	Engineering Experience Laboratory (I Sem)	30	• ESP8266 & Cable • Arduino UNO & Cable • Sensor – Ultrasonic, Rain, Voltage, Current, PIR &	4 Sessions	Mrs. P. Suma	Lab Technicia	ITI

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Analog Electronics laboratory	• Inspect equipment before use. • Turn off power before handling circuits. • Follow voltage and current limits. • Dispose of electronic waste properly. • Avoid touching live circuits. • Maintain proper ventilation to prevent overheating. • Keep flammable materials away from heat. • Work under instructor supervision. • Report malfunctions immediately. • No food or drinks in the lab. • Focus on tasks to avoid accidents.
2	Digital and Linear Integrated Circuits laboratory	• Follow manufacturer guidelines for IC usage. • Inspect equipment before use. • Turn off power before handling circuits. • Follow voltage and current limits. • Dispose of electronic waste properly. • Avoid touching live circuits. • Keep flammable materials away from heat. • Maintain proper ventilation to prevent overheating. • Work under instructor supervision. • Report malfunctions immediately. • No food or drinks in the lab. • Focus on tasks to avoid accidents.
3	MPMC and Embedded Systems Laboratory	• Handle Controller and IoT boards with care. • Verify connections before powering devices. • Follow manufacturer guidelines for all components. • Use appropriate power supplies for all circuits. • Maintain proper ventilation to prevent overheating. • No food or drinks in the lab.
4	Computer Networks laboratory	• Turn off systems when not in use. • Maintain proper ventilation to prevent overheating. • Keep antivirus programs updated. • No food or drinks in the lab.
5	Communication Systems laboratory	• Handle the probe with care to ensure safety and accuracy. • Avoid running the kit for long durations to prevent overheating. • Follow all manufacturer instructions for components. • Maintain proper ventilation to prevent overheating. • Keep antivirus programs updated.
6	VLSI Design and DSP laboratory	• Ensure USB connection from the course instructor before switching on the FPGA kit. • Always place the FPGA kit on the table; avoid placing it on items like notebooks, cloth, etc. • Never touch the backside of the FPGA kit while it is switched on. • When switching off, unplug the USB cable from the FPGA kit slowly and carefully to avoid damage. • Handle DSP kits and network hardware with care. • Maintain proper ventilation to prevent overheating. • Keep antivirus programs updated.
7	Optical and Microwave Laboratory	• Handle waveguides and antennas with care. • Keep liquids and food away from workstations. • Turn off equipment when not in use. • Maintain proper ventilation to prevent overheating. • Do not tamper with sensitive optical or microwave components. • Report faulty equipment or issues immediately.

D3. Project Laboratory/Research Laboratory

Table No. 7.5.1: List of project laboratory/research laboratory /Centre of Excellence.

S.No.	Name of the Laboratory
1.	**Project Laboratory** Area: 134.89 Square Meter
2.	**Research Laboratory** Area: 134.89 Square Meter
3.	**Centre of Excellence** · AI Laboratory powered by NEURA AI Solutions Private Limited · Centre for Advanced Network Technologies and Research (CANTER) powered by Juniper Networks

7.5.1 Project Laboratory:

· A project lab spanning 134.89 Square Meter has been designated for planning, preparation, and development of student projects.

· The lab has the capacity to accommodate a batch of 45 students.

· Students receive essential training and guidance to initiate their project work.

· Each project batch is assigned a guide to support and oversee their progress.

· Network and internet facilities are available for students in the lab.

· Previous project reports and models are accessible within the lab premises.

· Technical journals are also provided to help students gather advanced information for their projects.

Figure No. 7.5.1: Project Laboratory
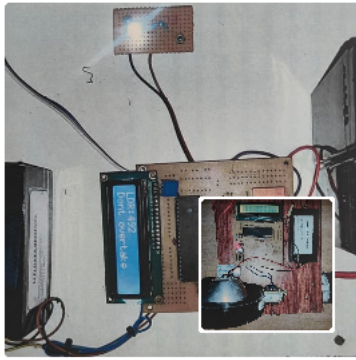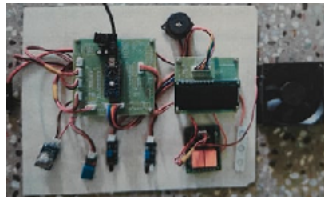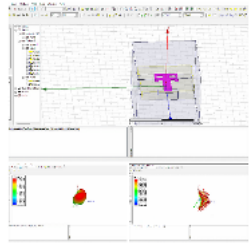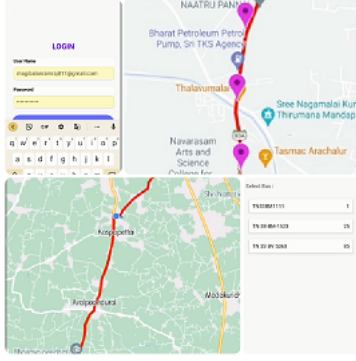
List of Major Components:

· Raspberry Pi Trainer Kit

· Raspberry Pi 4 GB

· Raspberry Pi Camera Module V2 - 8 Megapixel,1080p

· ESP32 Node MCU Development Board with Wi-Fi and Bluetooth (CP2102 Driver, 30 PIN)

· NodeMCU ESP8266 (AMICA-CP2102 driver)

· Raspberry Pi Pico

· Arduino UNO R3 ATmega 328p

· Arduino Nano V3.0 ATmega328

· PIR Motion, Ultrasonic, DHT11 Sensors

Student Project Details:

Year	2023-2024	2022-2023	2021-2022
Number of projects	22	18	10

Students have done projects by utilizing the above facilities. The best projects and their photos were listed below

S.No	Title of the Project	Photo
1.	Vehicle to Vehicle Communication using Light Fidelity (Li-Fi)	
2.	IoT Based Smart Warehouse Management using Machine Learning	
3.	Design of Broadband Microstrip Antenna for 5G Applications	
4.	Real Time Bus Monitoring System using Mobile Location	

7.5.2 Research Laboratory:

· An exclusive research lab with an area of 134.89 Square Meter is marked for the purpose of research and development activities for both faculty and student.

List of Facilities available in Research Laboratory:

· Ansoft Teaching HF Package (05 user)

· GPS Development Systems Trainer Kit

· Vector Network Analyzer

· Software Defined Radio SDR-B

· RF Circuit Training System with design Simulation Software

· Personal Computers (Desktop, HP 600G2 Core i7/8GB/480GB SSD HDD With 19" Wide TFT)
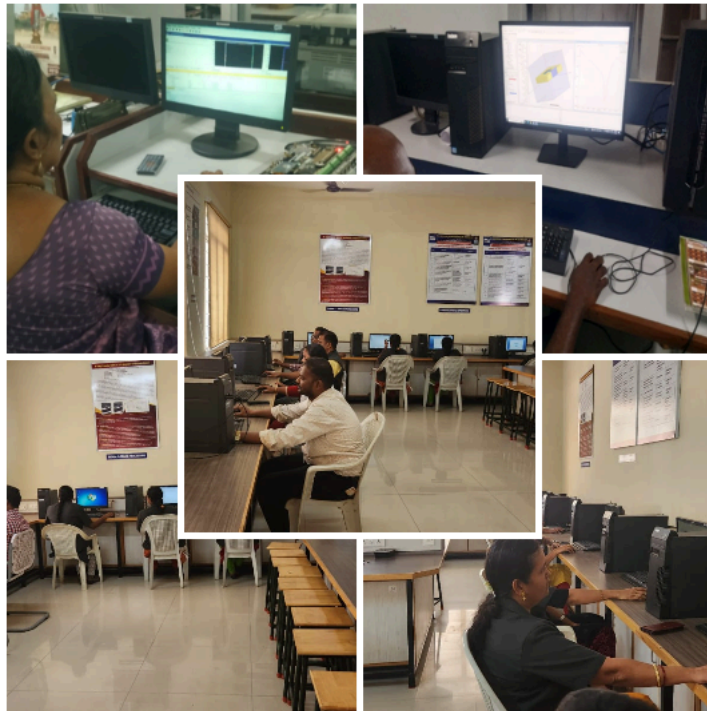

Figure No. 7.5.2: Research Laboratory

7.5.3 Centre of Excellence

7.5.3.1 AI Laboratory powered by NEURA AI Solutions Private Limited

- NEURAAI was started as part of ABE Intelligence group in collaboration with KSR Educational Institutions.
- This is first of its kind which introduces the Spiritual AI , GAS-AI and even Conversational AI.

List of Facilities:

- Personal Computer
- Processor: Intel(R) Core (TM) i7-6700 CPU @ 3.40GHz &3.41 GHz
- Memory: DDR3 8 GB RAM
- SSD: 512 GB
- NVIDIA BOARD
- RASPBERRY PI 3
- WEB CAM
- Adapter, USB HUB, PI CAM, HTMI CABLE & SD CARD

Figure No. 7.5.3: NEURA AI Solutions Private Limited

7.5.3.2 Centre for Advanced Network Technologies and Research (CANTER) powered by Juniper Networks

List of Facilities:

AP32-WW, AP63-WW & EX4100-24P
EX2300-C-12P
- EX-SFP-10GE-DAC-1M & CBL-EX-PWR-C13-IN
- SRX300-SYS-JB

Figure No. 7.5.4: Centre for Advanced Network Technologies and Research (CANTER)

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)	480	24	27	6	95
2023-24(CAYm1)	540	27	28	16	95
2024-25(CAY)	990	50	47	15	81

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	50.00	13.24	65.00	57.03	155.00	145.85	50.00	46.12
Library	32.00	5.31	42.00	40.71	32.50	31.74	25.00	24.21
Laboratory equipment	94.50	83.70	53.50	50.61	65.00	63.02	25.50	23.43
Teaching and non-teaching staff	1655.00	1502.28	1199.00	1194.87	1113.00	1107.25	690.00	650.66
Outreach Programs	5.00	4.55	5.00	4.65	4.50	4.26	4.00	3.46
R&D	29.50	26.13	25.50	24.44	12.00	10.73	8.50	7.23
Training, Placement and	98.50	90.70	55.50	53.56	55.00	52.78	30.00	26.47
SDGs	5.00	4.57	5.00	5.01	4.00	3.45	4.00	3.37
Entrepreneurship	25.00	24.28	2.00	1.63	0.60	0.29	0.40	0.08
Others, specify	680.50	578.25	607.00	571.17	452.00	411.75	323.00	221.66
Total	**2675.00**	**2333.01**	**2059.50**	**2003.68**	**1893.60**	**1831.12**	**1160.40**	**1006.69**

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	10.50	9.92	12.70	12.11	1.75	1.61	0.00	0.00
Software	9.25	9.12	7.85	7.73	12.50	12.16	0.00	0.00
SDGs	0.90	0.77	0.85	0.72	0.45	0.36	0.60	0.51
Support for faculty development	2.90	2.68	1.20	1.16	0.65	0.59	0.45	0.31
R & D	5.10	4.81	3.95	3.65	2.35	2.18	2.60	2.43
Industrial Training, Industry expert,	11.80	10.61	11.40	11.26	7.90	7.58	3.10	3.04
Miscellaneous Expenses*	8.50	7.69	5.65	5.16	5.80	4.87	2.10	1.78
Total	**48.95**	**45.60**	**43.60**	**41.79**	**31.40**	**29.35**	**8.85**	**8.07**