

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 : 11982	Date of Submission : 29-06-2026

PART A- Profile of the Institute

A1.Name of the Institute : DR.AMBEDKAR INSTITUTE OF TECHNOLOGY	
Year of Establishment : 1980	Location of the Institute: Bengaluru
A2. Institute Address : OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI	
City: BANGALORE	State: Karnataka
Pin Code: 560056	Website: www.drait.edu.in
Email: PRINCIPAL@DR-AIT.ORG	Phone No (with STD Code): 080-23211506
A3. Name and Address of the Affiliating University (if any) :	
Name of the University : NIL	City: Belgaum
State : Karnataka	Pin Code: 590018
A4. Type of the Institution : Government Aided Institute	
A5. Ownership Status : Government Aided	

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

- No. of UG programs: **14**
- No. of PG programs: **8**

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	1999	--	Computer Application

2	Engineering & Technology	UG	Aeronautical Engineering	2020	--	Aeronautical Engineering
3	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2022	--	Artificial Intelligence and Machine Learning
4	Engineering & Technology	UG	Civil Engineering	1980	--	Civil Engineering
5	Engineering & Technology	PG	Computer Science & Engineering	2002	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Business Systems	2022	--	Computer Science and Business System
7	Engineering & Technology	UG	Computer Science and Engineering	1987	--	Computer Science and Engineering
8	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2025	--	Computer Science and Engineering (Data Science)
9	Engineering & Technology	UG	Electrical and Electronics Engineering	1980	--	Electrical and Electronics Engineering
10	Engineering & Technology	UG	Electronics & Communication Engineering	1982	--	Electronics and Communication Engineering
11	Engineering & Technology	UG	Electronics & Instrumentation Engineering	1985	--	Electronics and Instrumentation Engineering
12	Engineering & Technology	UG	Electronics and Communication Engineering (VLSI Design & Technology)	2025	--	Electronics and Communication Engineering
13	Engineering & Technology	UG	Electronics and Telecommunication Engineering	1990	--	Electronics and Telecommunication Engineering
14	Engineering & Technology	UG	Industrial Engineering & Management	1984	--	Industrial Engineering and Management

15	Engineering & Technology	UG	Information Science & Engineering	1992	--	Information Science and Engineering
16	Engineering & Technology	PG	Machine Design	2013	2025	Mechanical Engineering
17	Engineering & Technology	UG	Mechanical Engineering	1980	--	Mechanical Engineering
18	Engineering & Technology	PG	Power Electronics	2010	--	Electrical and Electronics Engineering
19	Engineering & Technology	PG	Robotics and Artificial Intelligence	2025	--	Mechanical Engineering
20	Engineering & Technology	PG	Structural Engineering	2011	--	Civil Engineering
21	Engineering & Technology	PG	VLSI Design and Embedded System	2004	--	Electronics and Communication Engineering
22	Management	PG	Master of Business Administration	2001	--	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
Electronics and Communication Engineering	Yes	Electronics & Communication Engineering	UG
Electronics and Instrumentation Engineering	Yes	Electronics & Instrumentation Engineering	UG
Electronics and Communication Engineering	Yes	Electronics and Communication Engineering (VLSI Design & Technology)	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 Instrumentation Engineering	Electronics & Instrumentation Engineering	UG
Electronics and Telecommunication Engineering	Electronics and Telecommunication Engineering	UG

Electrical and Electronics Engineering	Electrical and Electronics Engineering	UG
Electrical and Electronics Engineering	Power Electronics	PG

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 APPROVAL DETAILS	
1	Electronics & Communication Engineering	UG	1982 / --	180	No	NA	180	1982	F.No. South-West/1-46228412584/2026/EOA	C ε y P P
2	Electronics and Communication Engineering (VLSI Design & Technology)	UG	2025 / --	60	No	NA	60	2025	F.No. South-West/1-44642445786/2025/EOA	M ε

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	ANNUAL DE
1	Electronics and Instrumentation Engineering	Electronics & Instrumentation Engineering	UG	1985 / --	60	No	NA	60	1985	F.N. 46.
2	Electronics and Telecommunication Engineering	Electronics and Telecommunication Engineering	UG	1990 / --	60	No	NA	60	1990	F.N. 46.
3	Electrical and Electronics Engineering	Electrical and Electronics Engineering	UG	1980 / --	60	No	NA	60	1980	F.N. 46.
4	Electrical and Electronics Engineering	Power Electronics	PG	2010 / --	18	No	NA	18	2010	F.N. 46.

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

A. Name of the HoD :

Umadevi H

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	173	173	179	168	161	145	167
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	28	24	40	44	44	41
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	6	9	9	8	9	8	9
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	179	210	212	216	214	197	217

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	173	6	99.44
2024-25 (CAYm1)	180	173	9	101.11
2023-24 (CAYm2)	180	179	9	104.44

Average [(ER1 + ER2 + ER3) / 3] = 101.66≅ 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	(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).	205.00	198.00	210.00
B=No. of students who graduated from the program in the stipulated course duration	188.00	182.00	176.00

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 89.15

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

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
Mean of CGPA or mean percentage of all successful students(X)	7.24	7.25	7.45
Y=Total no. of successful students	175.00	180.00	170.00
Z=Total no. of students appeared in the examination	182.00	188.00	176.00
API [X*(Y/Z)]	6.96	6.94	7.20

Average API[(AP1+AP2+AP3)/3] : 7.03

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2nd year/10)	7.53	7.55	7.70
Y=Total no. of successful students	200.00	206.00	198.00

Z=Total no. of students appeared in the examination	204.00	210.00	209.00
API [$X * (Y/Z)$]	7.38	7.41	7.29

Average API [(AP1 + AP2 + AP3)/3] : 7.36

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)	7.82	7.82	7.73
Y=Total no. of successful students	205.00	198.00	189.00
Z=Total no. of students appeared in the examination	206.00	198.00	189.00
API [$X*(Y/Z)$]:	7.78	7.82	7.73

Average API [(AP1 + AP2 + AP3)/3] : 7.78

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	205.00	198.00	210.00
X=No. of students placed	180.00	173.00	188.00
Y=No. of students admitted to higher studies	5.00	5.00	1.00
Z= No. of students taking up entrepreneurship	1.00	1.00	1.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	90.73	90.40	90.48

Average Placement Index = $(P_1 + P_2 + P_3)/3$: 90.54 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 Leave
1	Anand H d	XXXXXXXX27A	M.Tech	VTU	VLSI Design and Embedded Systems	17/01/2017	9.5	Assistant Professor	Assistant Professor		Regular	Yes	
2	B S Sudha	XXXXXXXX07L	M.Tech	VTU	Industrial Electronics	12/10/1992	33.8	Lecturer	Associate Professor	02/01/2006	Regular	Yes	
3	Dr.Meenakshi L Rathod	XXXXXXXX22K	Ph.D	VTU	Communication, VLSI Design	08/02/2003	23.4	Lecturer	Associate Professor	08/02/2017	Regular	Yes	
4	Tanuja Patgar	XXXXXXXX72D	Ph.D	VTU	Wireless Sensor Network	12/08/2006	19.10	Lecturer	Assistant Professor		Regular	Yes	
5	Sajidha Thabassum B	XXXXXXXX38H	M.Tech	VTU	Digital Electronics	24/11/2006	19.7	Lecturer	Assistant Professor		Regular	Yes	
6	Dr.Shilpa K C	XXXXXXXX41H	Ph.D	VTU	VLSI Evolutionary Computations	09/01/2007	19.5	Lecturer	Professor	09/01/2024	Regular	Yes	
7	Hemalatha K N	XXXXXXXX37K	Ph.D	VTU	Digital VLSI Design	09/04/2007	19.2	Lecturer	Associate Professor	24/04/2025	Regular	Yes	
8	Chetan S	XXXXXXXX04B	Ph.D	VTU	Image Processing, VLSI Design	06/08/2010	15.10	Lecturer	Assistant Professor		Regular	Yes	
9	Kesthara V	XXXXXXXX18B	M.Tech	VTU	Digital Communication and Networking	07/08/2010	15.10	Lecturer	Assistant Professor		Regular	Yes	
10	Siddesha K	XXXXXXXX33E	Ph.D	VTU	Processor Scheduling	13/11/2012	13.7	Assistant Professor	Assistant Professor		Regular	Yes	

11	Shwetha M	XXXXXXX74H	M.Tech	VTU	Multimedia Communication	17/01/2013	13.5	Assistant Professor	Assistant Professor		Regular	Yes	
12	Divya A	XXXXXXX68P	Ph.D	BU	Image processing	23/01/2013	13.5	Assistant Professor	Assistant Professor		Regular	Yes	
13	Swamy TN	XXXXXXX54C	Ph.D	VTU		13/09/2013	12.9	Assistant Professor	Assistant Professor		Regular	Yes	
14	S. Nithyashree	XXXXXXX31J	M.Tech	VTU	DCN	12/10/2012	13.8	Assistant Professor	Assistant Professor		Regular	Yes	
15	Triveni	XXXXXXX21E	M.Tech	VTU	Digital Communication	28/03/2015	11.2	Assistant Professor	Assistant Professor		Regular	Yes	
16	Nagarathna H S	XXXXXXX74M	M.Tech	VTU	Digital Electronics and Communication	06/04/2015	11.2	Assistant Professor	Assistant Professor		Regular	Yes	
17	Vidyashree C	XXXXXXX16H	M.Tech	VTU	Image Processing	20/01/2017	9.5	Assistant Professor	Assistant Professor		Regular	Yes	
18	Manjula N	XXXXXXX83J	Ph.D	VTU	VLSI Design	23/01/2017	9.5	Assistant Professor	Assistant Professor		Regular	Yes	
19	Spoorthi P A	XXXXXXX36C	M.Tech	VTU	Digital Communication	15/12/2018	7.6	Assistant Professor	Assistant Professor		Regular	Yes	
20	Dr.Shwetha N	XXXXXXX71J	Ph.D	VTU	Signal Processing for Communication	17/12/2018	7.6	Assistant Professor	Assistant Professor		Regular	Yes	
21	Sangeetha N	XXXXXXX25N	M.Tech	VTU	VLSI	13/12/2018	7.6	Assistant Professor	Assistant Professor		Regular	Yes	
22	Rangaswamy Y	XXXXXXX92P	Ph.D	JNTU, Ananthapur	Signal and Image Processing	17/12/2018	7.6	Assistant Professor	Assistant Professor		Regular	Yes	
23	Jayashree B M	XXXXXXX24A	M.Tech	VTU	Digital Electronics	12/04/2022	4.2	Assistant Professor	Assistant Professor		Regular	Yes	
24	Vidyashree N	XXXXXXX72F	M.Tech	VTU	VLSI and Embedded System	23/01/2023	3.5	Assistant Professor	Assistant Professor		Regular	Yes	

25	Harshini R	XXXXXXXX12E	M.Tech	VTU	Communication and Networking	30/01/2023	3.4	Assistant Professor	Assistant Professor		Regular	Yes	
26	Nayana R Shenoy	XXXXXXXX55A	Ph.D	VTU	Image Processing	11/10/2001	24.8	Lecturer	Associate Professor	09/08/2023	Regular	Yes	
27	Seema B S	XXXXXXXX84L	M.Tech	VTU	VLSI Design and Embedded System	13/01/2016	10.5	Assistant Professor	Assistant Professor		Regular	Yes	
28	Roopesh R	XXXXXXXX60K	Ph.D	PES	Signal Processing & Communication	01/07/2024	1.5	Assistant Professor	Assistant Professor		Regular	No	11/12/
29	Hemantaraj M Kelagadi	XXXXXXXX41L	Ph.D	VTU	Wireless Sensor Networks	01/08/2024	1.10	Associate Professor	Associate Professor		Regular	Yes	
30	Mahalinga V Mandi	XXXXXXXX15K	Ph.D	Dr. MGR University	Cryptography and Network	12/10/1991	34.8	Lecturer	Professor	03/03/2014	Regular	Yes	
31	Umadevi H	XXXXXXXX33P	Ph.D	BU	Wireless Communication	06/02/2003	23.4	Assistant Professor	Professor	08/12/2014	Regular	Yes	
32	Dr. Shivaputra	XXXXXXXX50F	Ph.D	JU	Communication	08/02/2003	23.4	Lecturer	Professor	08/02/2020	Regular	Yes	
33	Mala Swadi	XXXXXXXX18Q	Ph.D	VTU	Signal Processing	05/06/2004	22	Lecturer	Assistant Professor		Regular	Yes	
34	Pushpalatha G S	XXXXXXXX55D	Ph.D	VTU	Cryptography	23/11/2006	19.7	Lecturer	Assistant Professor		Regular	Yes	
35	Dr. Ramesh S	XXXXXXXX84E	Ph.D	Dr.MGR University	Cryptography, Communication	11/08/1992	32.9	Lecturer	Professor	03/03/2014	Regular	No	31/05,
36	Kavya S	XXXXXXXX12N	M.Tech	VTU	Control System, Digital Electronics, VLSI	18/01/2017	8.6	Assistant Professor	Assistant Professor		Regular	No	31/07,
37	Dr. Mohankumar V	XXXXXXXX15N	Ph.D	VTU	Electronics and Communication Engineering	10/03/2004	22.3	Lecturer	Assistant Professor		Regular	Yes	

38	Dr .Girija S	XXXXXXX56E	Ph.D	VTU	VLSI Design	10/03/2004	22.3	Lecturer	Assistant Professor		Regular	Yes	
39	Dr.Kavitha Devi CS	XXXXXXX97J	Ph.D	VTU	Microwave Devices	10/03/2004	22.3	Lecturer	Assistant Professor		Regular	Yes	
40	Dr.Jambunath Baligar S	XXXXXXX25L	Ph.D	BU	RF Circuits, Micro strip Antennas, Analog Circuits	13/08/2004	21.10	Assistant Professor	Professor	02/04/2012	Regular	Yes	

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)
1	Dr.Ganapathi V Sagar	XXXXXXX89G	XXXXXXXXXX766	Ph.D	Bangalore University	Bio-medial signal processing	21/05/1999	27.1	Assistant Professor	Professor	31-07-2018	Regular
2	Dr.Sridevi N	XXXXXXX34F	XXXXXXXXXX412	Ph.D	VTU	Industrial Electronics	31/12/1999	26.6	Assistant Professor	Associate Professor	25/03/2013	Regular
3	M Prasanna Kumar	XXXXXXX02E	XXXXXXXXXX586	M.Tech	KREC, Surathkal	System Analysis & Computer Application	31/12/1999	26.6	Assistant Professor	Associate Professor	17/09/2012	Regular
4	Dr. Shubha.P	XXXXXXX48D	XXXXXXXXXX895	Ph.D	VTU	Image Processing	26/10/2005	20.8	Assistant Professor	Associate Professor	11/1/2024	Regular
5	Sridhar Kumar H R	XXXXXXX86H	XXXXXXXXXX611	M.Tech	BU	Computer Science and Engineering	10/09/2009	16.9	Assistant Professor	Assistant Professor		Regular
6	NirmalaBai L	XXXXXXX58A	XXXXXXXXXX211	M.Tech	VTU	Power Electronics	26/08/2013	12.10	Assistant Professor	Assistant Professor		Regular

7	Soumya B.S	XXXXXXX94C	XXXXXXXXXX856	M.Tech	VTU	Digital Electronics and Communication	23/09/2013	12.9	Assistant Professor	Assistant Professor		Regular
8	Monikashree. T.S	XXXXXXX28N	XXXXXXXXXX116	M.Tech	VTU	VLSI Design and Embedded System	01/10/2014	11.8	Assistant Professor	Assistant Professor		Regular
9	Hamsarekha S.D	XXXXXXX32E	XXXXXXXXXX922	M.Tech	VTU	Power Electronics	12/01/2016	10.5	Assistant Professor	Assistant Professor		Regular
10	Sheetal N	XXXXXXX18A	XXXXXXXXXX039	M.Tech	VTU	Power Electronics	13/01/2016	10.5	Assistant Professor	Assistant Professor		Regular
11	Nikhila S	XXXXXXX47N	XXXXXXXXXX484	M.Tech	VTU	Digital Electronics and Communication	16/04/2025	1.2	Assistant Professor	Assistant Professor		Regular
12	Dr. B. Sivakumar	XXXXXXX60K	XXXXXXXXXX902	Ph.D	Anna university	Information and Communication	22/02/1990	36.4	Assistant Professor	Professor	13/11/2008	Regular
13	Dr.Yamuna Devi C R	XXXXXXX65B	XXXXXXXXXX224	Ph.D	BU	Wireless Networks	17/02/1992	34.4	Assistant Professor	Associate Professor	02/01/2006	Regular
14	Dr. Sudha Thimmaiah	XXXXXXX23F	XXXXXXXXXX149	Ph.D	Priest University	Wireless Networks	12/08/1992	33.10	Assistant Professor	Professor	27/11/2020	Regular
15	Dr. Vidya Honguntikar	XXXXXXX99D	XXXXXXXXXX458	Ph.D	VTU	Wireless Networks	07/09/1992	33.9	Assistant Professor	Professor	10/01/2020	Regular
16	Dr. Chandrakala V	XXXXXXX27C	XXXXXXXXXX800	Ph.D	BU	Image Processing	17/03/2004	22.3	Assistant Professor	Associate Professor	13/08/2014	Regular
17	Dr. Shruthi P C	XXXXXXX21J	XXXXXXXXXX228	Ph.D	VTU	Optical Networks	08/03/2004	22.3	Assistant Professor	Associate Professor	11/01/2023	Regular
18	Usha Rani M A	XXXXXXX98B	XXXXXXXXXX511	Ph.D	VTU	VLSI	24/10/2005	20.8	Assistant Professor	Assistant Professor		Regular
19	Dr.Praveen K B	XXXXXXX47H	XXXXXXXXXX313	Ph.D	Priest University	Image Processing	01/02/2010	16.4	Assistant Professor	Assistant Professor		Regular
20	Kavitha Narayan B M	XXXXXXX60M	XXXXXXXXXX130	M.Tech	VTU	Power Electronics	03/02/2011	15.4	Assistant Professor	Assistant Professor		Regular

21	Venkatesh S N	XXXXXXX17H	XXXXXXXXXX104	M.Tech	VTU	VLSI and Embedded System	22/01/2024	2.2	Assistant Professor	Assistant Professor		Regular
22	Dr.Mahesan K V	XXXXXXX49R	NA	Ph.D	VTU	Image Processing	14/09/1992	31.7	Assistant Professor	Associate Professor	02/01/2006	Regular
23	Dr. C .R. Prashanth	XXXXXXX96R	NA	Ph.D	BU	Image Processing	29/12/2014	8.7	Professor	Professor		Regular
24	Dr.Aravinda H L	XXXXXXX84K	XXXXXXXXXX185	Ph.D	Jain University	Image Processing	10/03/2004	22.3	Assistant Professor	Associate Professor	23/01/2023	Regular
25	Dr. K Ramesha	XXXXXXX03D	XXXXXXXXXX098	Ph.D	JNTU	image Processing	31/01/2014	12.4	Professor	Professor		Regular
26	Dr.M.Meenakshi	XXXXXXX90N	NA	Ph.D	IISc	Flight Control, Signal Processing, Real Time Systems	02/02/2007	17.10	Professor	Professor	02/02/2007	Regular
27	Dr H V Govindaraju	XXXXXXX35N	XXXXXXXXXX127	Ph.D	VTU	PE & D	28/02/1991	35.4	Assistant Professor	Professor	19/03/2019	Regular
28	Dr Arpitha Raju	XXXXXXX35R	XXXXXXXXXX082	Ph.D	VTU	Power Electronics	12/08/2010	15.10	Assistant Professor	Associate Professor	02/06/2025	Regular
29	Dr G V Jayaramaiah	XXXXXXX40C	XXXXXXXXXX336	Ph.D	IITB	Power Electronics	11/03/1992	34.3	Assistant Professor	Professor	15/10/2009	Regular
30	Dr S Vasudevamurthy	XXXXXXX56A	XXXXXXXXXX932	Ph.D	VTU	High Voltage and Insulation	27/09/1991	34.9	Assistant Professor	Professor	27/10/2018	Regular
31	Dr Shankaralingappa C B	XXXXXXX62N	XXXXXXXXXX036	Ph.D	VTU	Power Systems	05/01/2015	11.5	Professor	Professor		Regular
32	Dr. Mukundaswamy M S	XXXXXXX54F	XXXXXXXXXX077	Ph.D	Priest University	Renewable energy	21/11/2006	19.7	Assistant Professor	Assistant Professor		Regular
33	Dr. Harini Vaikund	XXXXXXX68D	XXXXXXXXXX112	Ph.D	VTU	Microelectronics	13/09/2012	13.9	Assistant Professor	Assistant Professor		Regular

34	Dhanyavathi A	XXXXXXX66B	80250625630	Ph.D	VTU	Computer Applications in Industrial Drives	24/08/2013	12.10	Assistant Professor	Assistant Professor		Regular
35	Rajesh L V	XXXXXXX18D	XXXXXXXXXX595	Ph.D	REVA	Power Systems	21/03/2017	9.3	Assistant Professor	Assistant Professor		Regular
36	Lokesh T R	XXXXXXX55D	XXXXXXXXXX922	M.Tech	VTU	Computer Applications in Industrial Drives	04/11/2021	4.7	Assistant Professor	Assistant Professor		Regular
37	Madhusudhan M	XXXXXXX26M	XXXXXXXXXX473	M.Tech	VTU	Automotive electronics	13/01/2016	10.5	Assistant Professor	Assistant Professor		Regular
38	Dr Umadevi D	XXXXXXX61M	XXXXXXXXXX321	Ph.D	VTU	Power Electronics	07/12/2023	2.6	Assistant Professor	Assistant Professor		Regular
39	Soumya S	XXXXXXX26P	NA	M.Tech	VTU	Power Systems	17/10/2025	0.8	Assistant Professor	Assistant Professor		Regular
40	Dr. Siraj Ahmed	XXXXXXX70C	NA	Ph.D	VTU	Electrical Engineering	03/01/2024	1.6	Professor	Professor		Contractual Fulltime
41	Dr. Bharath V S	XXXXXXX10A	XXXXXXXXXX700	Ph.D	Bharath Institute of Higher Education	PE & D	01/01/2024	2.5	Associate Professor	Associate Professor		Regular
42	Dr Eranna	XXXXXXX17F	XXXXXXXXXX819	Ph.D	VTU	High Voltage	08/08/1988	37.10	Assistant Professor	Professor	18/03/2019	Regular
43	T B Dayananda	XXXXXXX28G	XXXXXXXXXX576	M.E.	BU	Power Systems	05/09/1990	35.10	Assistant Professor	Associate Professor	02/01/2006	Regular
44	Dr. Ravish D K	XXXXXXX47Q	XXXXXXXXXX856	Ph.D	Anna University	Information and Communication	19/09/2002	23.9	Assistant Professor	Professor	05/08/2023	Regular
45	Kamala C	XXXXXXX57N	XXXXXXXXXX629	M.Tech	VTU	Image Processing	07/09/2006	19.9	Assistant Professor	Assistant Professor		Regular

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 Department2 No. of PG Programs in the Department2

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	0	0	0
UG1.C	0	0	0
UG1.D	0	0	0
UG1: Electronics and Communication Engineering (VLSI Design & Technology)	0	0	0
UG2.B	198	198	198
UG2.C	198	198	198
UG2.D	198	198	198
UG2: Electronics & Communication Engineering	594	594	594
UG3.B	0	0	0
UG3.C	0	0	0
UG3.D	0	0	0
UG3: Electronics and Communication Engineering (VLSI Design & Technology)	0	0	0
UG4.B	66	66	66
UG4.C	66	66	66

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG4.D	66	66	66
UG4: Electrical and Electronics Engineering	198	198	198
UG5.B	66	66	66
UG5.C	66	66	66
UG5.D	66	66	66
UG5: Electronics and Telecommunication Engineering	198	198	198
UG6.B	66	66	66
UG6.C	66	66	66
UG6.D	66	66	66
UG6: Electronics & Instrumentation Engineering	198	198	198
PG1.A	18	18	18
PG1.B	18	18	18
PG1: VLSI Design & Embedded Systems	36	36	36
DS=Total no. of students in all UG and PG programs in the Department	630	630	630
AS=Total no. of students of all UG and PG programs in allied departments	630	630	630
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1260	S2= 1260	S3= 1260
DF=Total no. of faculty members in the Department	37	40	38
AF= Total no. of faculty members in the allied Departments	39	40	38
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 76	F2= 80	F3= 76
FF=The faculty members in F who have a 100% teaching load in the first-year courses	6	6	6
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 18.00	SFR2= 17.03	SFR3= 18.00
Average SFR for 3 years	SFR= 17.68		

C3. Faculty Qualification

- Faculty qualification index (FQI) = $2.5 * [(10X + 4Y)/RF]$ where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.

- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	$FQ = 2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	47	29	63.00	23.25
2024-25(CAYm1)	44	36	63.00	23.17
2023-24(CAYm2)	37	39	63.00	20.87

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	7.00	16.00	14.00	12.00	42.00	48.00
2024-25	7.00	17.00	14.00	10.00	42.00	52.00
2023-24	7.00	17.00	14.00	9.00	42.00	50.00
Average	RF1=7.00	AF1=16.67	RF2=14.00	AF2=10.33	RF2=42.00	AF2=50.00

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	Dr. Kareem Unnisa	Embedded Developer	Nano Robotics Embed Technologies	Fundamentals of IOT(Theory)	34.00
2	Muhammed Asad N	Embedded Developer	Nano Robotics Embed Technologies	Fundamentals of IOT(Hands-on Session)	17.00
3	Mrs.Supriya	Aptitude Trainer	JV Global Services LLP	Aptitude and Verbal Ability Skills	50.00
4	Mrs.Sneha	Soft Skill Trainer	JV Global Services LLP	Carrer Development Skills	50.00
5	Mr.Shashank Bhat	Aptitude Trainer	JV Global Services LLP	Aptitude and Verbal Ability Skills	50.00
6	Mrs.Vedavathi	Technical Trainer	JV Global Services LLP	Pre-Placement and Technical Skills	50.00
7	Mr.Shrishailesh	Technical Trainer	JV Global Services LLP	Pre-Placement and Technical Skills	50.00
8	Mr.Jadhav Sambhaji	Technical Trainer	JV Global Services LLP	Pre-Placement and Technical Skills	50.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	T V Saranya	Regional Business Head	DADB-German Academy of Digital Education	Advances in 5G Communication Technology	30.00
2	Mr.Johnson	Technical Manager	Entuple technologies, Bengaluru	Analog IC design using Cadence software	30.00
3	Mrs.Sneha	Soft Skill Trainer	JV Global Services LLP	Carrer Development Skills	50.00
4	Ranganath	Technical Trainer	JV Global Services LLP	Pre-Placement and Technical Skills	50.00
5	Mr.Balaji	Technical Trainer	JV Global Services LLP	Pre-Placement and Technical Skills	50.00
6	Mrs.Supriya	Aptitude Trainer	JV Global Services LLP	Aptitude and Verbal Ability Skills	50.00
7	Mrs.Shashirekha	Soft Skill Trainer	JV Global Services LLP	Carrer Development Skills	50.00
8	Mr.Chidanand	Aptitude Trainer	JV Global Services LLP	Aptitude and Verbal Ability Skills	50.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.Johnson	Technical Manager	Entuple technologies, Bengaluru	ASIC design using Cadence software	30.00
2	Ms.Beena	Aptitude Trainer	JV Global Services LLP	Aptitude and Verbal Ability Skills	50.00
3	Mrs.Supriya	Aptitude Trainer	JV Global Services LLP	ptitude and Verbal Ability Skills	50.00
4	Mr.Vikas	Technical Trainer	JV Global Services LLP	Pre-Placement and Technical Skills	50.00
5	Mr.Ashank	Technical Trainer	JV Global Services LLP	Pre-Placement and Technical Skills	50.00
6	Ms.Shashirekha	Soft Skill Trainer	JV Global Services LLP	Inter-Personal Skills	50.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	30	30	57
2	No. of peer reviewed conference papers published	4	9	9
3	No. of books/book chapters published	2	2	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.Shanthi P	Dr.Jambunath S Baligar	Electronics and Communication Engineering	Analysis and Assessment of 6G Electromagnetic Exposure and Absorption - A study on Biological Aspects	VTU	2 Years	25.00
Dr. C S Kavithadevi		Electronics and Communication Engineering	Infant Emotion Monitoring and Soothing system using Multisensory Feedback and GSM Alert	KSCST	1 Year	0.06
Chethan N	Triveni	Electronics and Communication Engineering	Autonomous Ai driven VTOL-UAVs	Dr.AIT	1 Year	6.00
						Amount received (Rs.):31.06

(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
B S Sudha		Electronics and Communication Engineering	Design of 6G Antenna	KSCST	1 Year	0.05
Dr. C S Kavithadevi		Electronics and Communication Engineering	IoT Based Hydroponics System using Machine Learning	KSCST	1 Year	0.05
						Amount received (Rs.):0.10

(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. Mahalinga V Mandi	Anand H D	Electronics and Communication Engineering	Multimedia Security based on Non-Linear Stream Cipher	VGST	2 Years	15.00
Nagarathna H S		Electronics and Communication Engineering	IoT based Air quality Monitoring with multi-model analysis using Machine Learning Algorithm	KSCST	1 Year	0.04
						Amount received (Rs.):15.04

Total Amount (Lacs) Received for the Past 3 Years: 46.20

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
Prasanna Kumar	Dr.Mohankumar V	Electronics and Communication Engineering	MIS Software	Dr.AIT	2 Years	5.00
						Amount received (Rs.):5.00

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years: 5.00

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
Dr.Siddesha K	Cloud based Examination Hall Authentication System	3 Years	3.50	0.60	Prototype developed and one IEEE conference publication applied
Dr.Jambunath S Baligar and Dr.Chethan S	Switched Beam Antenna Array based on Butler Matrix for 5G wireless Communication	2 Years	2.00	0.10	Literature Survey Completed and Simulation work is on going
			Amount received (Rs.): 5.50		

(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
			Amount received (Rs.): 0		

(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
			Amount received (Rs.): 0		

Total amount (Lacs) received for the past 3 years : 5.50

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	Electronic Devices & Instrumentation Laboratory	25	Digital Storage Oscilloscope. Digital IC Trainer kit (Make: ADD).	18 hours	Shakunthala.K \	Instructor	Diploma
2	Analog Circuits & Communication Laboratory.	25	X Band Microwave Bench with Accessories. KU- Band Microwave Bench with Accessories. Optical Fiber	18 hours	Jayaramu.S K	Assistant Instruc	I.T.I
3	HDL laboratory	25	Xilinx Software (Vivado software). Spartan/Vertex Xilinx FPGA kits (Active 7 Series)	18 hours	Mahanthesh.H L	Mechanic	I.T.I
4	Digital Signal Processing Laboratory	25	Matlab Campus-wide suite R2026a. TMS 320C6748 Development Kit Digital Storage Oscilloscope RIGOL	18 hours	Mahanthesh.H L	Mechanic	I.T.I
5	Embedded Systems Laboratory	25	ARM Cortex XM3 [LPC1768]. Digital Storage Oscilloscope RIGOL 1102ZE. HP Pro Desk 600 G4 PCI MT PC	18 hours	Megha M	Assistant Instruc	M.Tech
6	CMOS VLSI Design Laboratory	25	Cadence University Standard New bundle (20 Analog +20 Digital). HP Pro Desk 600 G4 PCI MT PC	18 hours	Shakle N R	Foreman	Diploma
7	Computer Networking & Protocol Laboratory	25	HP Pro Desk 600 G4 PCI MT PC	18 hours	Megha M	Assistant Instruc	M.Tech
8	Project Laboratory	25	Xilinx Software (Vivado software). Spartan/Vertex Xilinx FPGA kits (Active 7 Series)	30 hours	Shakunthala.K \	Instructor	Diploma

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
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1	Electronic Devices & Instrumentation Laboratory	• General Rules of Conduct in Laboratories are displayed. • First aid box, Fire extinguisher is kept in the laboratory. • A CCTV camera is attached to all labs. • Periodical servicing of the lab equipment. • Maintain a clean and organised laboratory. • Avoiding the use of cell phones. • Appropriate storage areas • Permission denied for pen drives. • Sign the log-out register before leaving the lab. • Computers should be turned off properly before leaving the lab. • Students must remove their footwear before entering the lab. • The student must check the computer unit and its attached peripherals before using it. • The student must immediately inform the instructor if any defect, error or damage observed at the computer (hardware/software).
2	Analog Circuits & Communication Laboratory. Advanced Communication Laboratory	• General Rules of Conduct in Laboratories are displayed. • First aid box, Fire extinguisher is kept in the laboratory. • A CCTV camera is attached to all labs. • Periodical servicing of the lab equipment. • Maintain a clean and organised laboratory. • Avoiding the use of cell phones. • Appropriate storage areas • Permission denied for pen drives. • Sign the log-out register before leaving the lab. • Computers should be turned off properly before leaving the lab. • Students must remove their footwear before entering the lab. • The student must check the computer unit and its attached peripherals before using it. • The student must immediately inform the instructor if any defect, error or damage observed at the computer (hardware/software).
3	HDL laboratory	• General Rules of Conduct in Laboratories are displayed. • First aid box, Fire extinguisher is kept in the laboratory. • A CCTV camera is attached to all labs. • Periodical servicing of the lab equipment. • Maintain a clean and organised laboratory. • Avoiding the use of cell phones. • Appropriate storage areas • Permission denied for pen drives. • Sign the log-out register before leaving the lab. • Computers should be turned off properly before leaving the lab. • Students must remove their footwear before entering the lab. • The student must check the computer unit and its attached peripherals before using it. • The student must immediately inform the instructor if any defect, error or damage observed at the computer (hardware/software).
4	Digital Signal Processing Laboratory	• General Rules of Conduct in Laboratories are displayed. • First aid box, Fire extinguisher is kept in the laboratory. • A CCTV camera is attached to all labs. • Periodical servicing of the lab equipment. • Maintain a clean and organised laboratory. • Avoiding the use of cell phones. • Appropriate storage areas • Permission denied for pen drives. • Sign the log-out register before leaving the lab. • Computers should be turned off properly before leaving the lab. • Students must remove their footwear before entering the lab. • The student must check the computer unit and its attached peripherals before using it. • The student must immediately inform the instructor if any defect, error or damage observed at the computer (hardware/software).

5	Embedded Systems Laboratory	• General Rules of Conduct in Laboratories are displayed. • First aid box, Fire extinguisher is kept in the laboratory. • A CCTV camera is attached to all labs. • Periodical servicing of the lab equipment. • Maintain a clean and organised laboratory. • Avoiding the use of cell phones. • Appropriate storage areas • Permission denied for pen drives. • Sign the log-out register before leaving the lab. • Computers should be turned off properly before leaving the lab. • Students must remove their footwear before entering the lab. • The student must check the computer unit and its attached peripherals before using it. • The student must immediately inform the instructor if any defect, error or damage observed at the computer (hardware/software).
6	CMOS VLSI Design Laboratory	• General Rules of Conduct in Laboratories are displayed. • First aid box, Fire extinguisher is kept in the laboratory. • A CCTV camera is attached to all labs. • Periodical servicing of the lab equipment. • Maintain a clean and organised laboratory. • Avoiding the use of cell phones. • Appropriate storage areas • Permission denied for pen drives. • Sign the log-out register before leaving the lab. • Computers should be turned off properly before leaving the lab. • Students must remove their footwear before entering the lab. • The student must check the computer unit and its attached peripherals before using it. • The student must immediately inform the instructor if any defect, error or damage observed at the computer (hardware/software).
7	Project Laboratory	• General Rules of Conduct in Laboratories are displayed. • First aid box, Fire extinguisher is kept in the laboratory. • A CCTV camera is attached to all labs. • Periodical servicing of the lab equipment. • Maintain a clean and organised laboratory. • Avoiding the use of cell phones. • Appropriate storage areas • Permission denied for pen drives. • Sign the log-out register before leaving the lab. • Computers should be turned off properly before leaving the lab. • Students must remove their footwear before entering the lab. • The student must check the computer unit and its attached peripherals before using it. • The student must immediately inform the instructor if any defect, error or damage observed at the computer (hardware/software).
8	Computer Networking & Protocol Laboratory	• General Rules of Conduct in Laboratories are displayed. • First aid box, Fire extinguisher is kept in the laboratory. • A CCTV camera is attached to all labs. • Periodical servicing of the lab equipment. • Maintain a clean and organised laboratory. • Avoiding the use of cell phones. • Appropriate storage areas • Permission denied for pen drives. • Sign the log-out register before leaving the lab. • Computers should be turned off properly before leaving the lab. • Students must remove their footwear before entering the lab. • The student must check the computer unit and its attached peripherals before using it. • The student must immediately inform the instructor if any defect, error or damage observed at the computer (hardware/software).

Research Laboratory

Software Facilities:

Cadence Level One Software License.

Xilinx ISE 14.1 Version Software.

Xilinx software (Vivado Software 18.2).

MATLAB Campus-Wide Suite R2026a.

Hardware Facilities:

ARM Cortex M4 Development Boards.

IOT Trainer kits.

Xilinx FPGA kits (Artix-7 board).

TMS 320C6748 Development Kit.

Digital Storage Oscilloscope RIGOL 1102ZE.

Tektronix 100 MHz 2 Channel Mixed Domain Oscilloscope, M-3012.

Microstrip Antenna Set.

HP Pro Desk 600 G4 PCI MT PC.

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)	1050	52	53	16	88
2024-25(CAYm1)	1170	58	54	17	80
2025-26(CAY)	1290	64	57	21	78

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	3803000.00	2785207	4522998.00	1702522	3684000.00	207146.00	4831000.00	869986.00
Library	3994501.00	1142367	4277968.00	1372989	2431735.00	666780.00	3319000.00	9973.00
Laboratory equipment	51239700.00	37316809.00	40180790.00	37849801	45777500.00	6257660.00	62942000.00	2193098.00
Teaching and non-teaching staff salary	595939523.30	541763203	487517649.30	443197863	539439558.90	490399599	550048836.70	500044397
Outreach Programs	7487438.64	6806762.40	18458271.15	16780246.50	18588676.43	16898796.75	97066702.26	88242456.60
R&D	7350000.00	5766030.00	6900000	3122847	5021000.00	9426842.00	7872000.00	5283536
Training, Placement and Industry linkage	16650175.40	14758487.00	6335196.70	1315083	26304214.50	15184004	19307555.30	17552323

SDGs	7487438.64	6806762.40	18458271.15	16780246.50	2443688.68	16898796.75	97066702.26	88242456.60
Entrepreneurship	4991625.76	4537841.60	12305514.10	11186831	12392450.95	11265864.50	64722134.84	58838304.40
Others, specify	29954099.26	27227049.60	73833084.60	67120986	74354705.70	67595187	388266809.04	352969826.40
Total	728897502.00	648910519.00	672789743.00	600429415.00	730437530.16	634800676.00	1295442740.40	1114246357.00

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	1090000	569300	1834000	689365	2186500	1118410	2198000	1591296
Software	1038430	798000	1050000	382033	254957	254957	650000	120000
SDGs	200000	197302	300000	274380	350000	341646	325000	197000
Support for faculty development	200000	103843	300000	269905	350000	281920	125000	25800
R & D	300000	131948	450000	379900	500000	202303	875000	225000
Industrial Training, Industry expert,	120000	68429	22000	12250	27000	16179	125800	85000
Miscellaneous Expenses*	435000	415372	481228	222229	254957	228452	857200	445000
Total	3383430	2284194	4437228	2230062	3923414	2443867	5156000	2689096