

NATIONAL BOARD OF ACCREDITATION

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

Program Name : ELECTRONICS AND COMMUNICATION ENGINEERING	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 11598	Date of Submission : 05-03-2026

PART A- Profile of the Institute

A1.Name of the Institute : SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN	
Year of Establishment : 2009	Location of the Institute: Ananthasagar, Hasanparthy
A2. Institute Address :SUMATHI REDDY INSTITUTE OF TECHNOLOGY FOR WOMEN, aNANTHASAGAR(V), HASANPARTHY(M), WARANGAL	
City:Warangal	State:Telangana
Pin Code:506371	Website:www.sritw.org
Email:principal.sritw@gmail.com	Phone No(with STD Code):0870-2818401
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JNTUH	City: Hyderabad Urban
State : Telangana	Pin Code: 500085
A4. Type of the Institution : Self-Supported Institute	
A5. Ownership Status : State Government	

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

- No. of UG programs: 5
- No. of PG programs: 0

Table No. A6.1: List of all programs offered by the Institute.

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Computer Science and Engineering	2009	--	Computer Science and Engineering
2	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2020	--	Computer Science and Engineering
3	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2020	--	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2020	--	Computer Science and Engineering
5	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2009	--	Electronics and Communication Engineering

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Electronics and Communication Engineering	No	ELECTRONICS AND COMMUNICATION ENGINEERING	UG
Computer Science and Engineering	No	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	UG

Computer Science and Engineering	No	Computer Science and Engineering	UG
Computer Science and Engineering	No	Computer Science and Engineering (Data Science)	UG

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.
Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

No Record

PART-B: Program information

B1. Provide the Required Information for the Program Applied For:

Table No. B1: Program details.
A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	ELECTRONICS AND COMMUNICATION ENGINEERING	UG	2009 / --	90	Yes	2025	120	2025	F.No. South-Central/1-44671086251/2025/EOA, Dt: 03-01-2025	Granted accreditation for 3 years for the period (specify period)	2020	2026	2	4

Sanctioned Intake for Last Five Years for the ELECTRONICS AND COMMUNICATION ENGINEERING														
Academic Year			Sanctioned Intake											
2025-26			120											
2024-25			60											
2023-24			60											
2022-23			60											
2021-22			120											
2020-21			120											

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	EELANDULA KUMARASWAMY
B. Nature of appointment:	Regular
C. Qualification:	M.Tech and 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)	120	60	60	60	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	118	60	45	60	96	62	104
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	6	20	7	19	22	25
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	4	3	4	4	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	126	70	68	71	119	84	129

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)	120	118	8	105.00
2024-25 (CAYm1)	60	60	4	106.67
2023-24 (CAYm2)	60	45	3	80.00

Average [(ER1 + ER2 + ER3) / 3] = 97.22≡ 20.00

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

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

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	139.00	142.00	145.00
B=No. of students who graduated from the program in the stipulated course duration	100.00	77.00	121.00
Success Rate (SR)= (B/A) * 100	71.94	54.23	83.45

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 69.87

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

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	7.20	7.20	7.40
Y=Total no. of successful students	63.00	48.00	63.00
Z=Total no. of students appeared in the examination	63.00	48.00	63.00
API [X*(Y/Z)]	7.09	7.20	7.28

Average API[(AP1+AP2+AP3)/3] : 7.19

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)
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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)	6.90	7.20	6.96
Y=Total no. of successful students	67.00	69.00	117.00
Z=Total no. of students appeared in the examination	68.00	70.00	118.00
API [X * (Y/Z)]	6.80	7.10	6.90

Average API [(AP1 + AP2 + AP3)/3] : 6.93

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)	7.40	6.79	7.10
Y=Total no. of successful students	69.00	117.00	82.00
Z=Total no. of students appeared in the examination	69.00	117.00	84.00
API [X*(Y/Z)]:	7.40	6.79	6.93

Average API [(AP1 + AP2 + AP3)/3] : 7.04

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	139.00	142.00	145.00
X=No. of students placed	98.00	81.00	100.00
Y=No. of students admitted to higher studies	0.00	1.00	4.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	70.50	57.75	71.72

Average Placement Index = (P_1 + P_2 + P_3)/3: 66.66 Placement Index Points:

PART C: Faculty Details in Department and Allied Departments

(Data to be filled in for the Department and Allied Departments)

C1. Faculty details of Department and Allied Departments

Table No.C1: Faculty details in the Department for the past 3 years including CAY

Sr.No	Name of the Faculty	PAN No.	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	EELANDULA KUMARASWAMY	XXXXXXXX33A	M.Tech and Ph.D.	Lovely Professional University	Signal and Image Processing	11/08/2014	11.6	Assistant Professor	Associate Professor	14/06/2024	Regular	Yes		Yes
2	RAGHAVA KUMARI DEEVI	XXXXXXXX71R	M.Tech	JNTUH, Hyderabad	Embedded System	01/12/2011	14.3	Assistant Professor	Assistant Professor		Regular	Yes		No

3	RAVIKIRAN KARRE	XXXXXXX53B	M.Tech	JNTUH, Hyderabad	VLSI System Design	10/12/2012	13.2	Assistant Professor	Assistant Professor		Regular	Yes		No
4	NUNETI GOVARDHAN	XXXXXXX10B	M.Tech	JNTUH, Hyderabad	VLSI System Design	11/08/2014	11.6	Assistant Professor	Assistant Professor		Regular	Yes		No
5	CHINTHIREDDY PADMAJA	XXXXXXX43B	M.Tech	JNTUH, Hyderabad	Digital Systems & Computer Electronics	11/08/2014	11.6	Assistant Professor	Assistant Professor		Regular	Yes		No
6	SHARVANI YEDULAPURAM	XXXXXXX05R	M.Tech	JNTUH, Hyderabad	VLSI System Design	01/06/2016	9.8	Assistant Professor	Assistant Professor		Regular	Yes		No
7	KOTESHWAR RAO DANTHAMALA	XXXXXXX00Q	M.Tech	JNTUH, Hyderabad	VLSI System Design	04/07/2019	6.7	Assistant Professor	Assistant Professor		Regular	Yes		No
8	KONREDDY THIRUPATHI	XXXXXXX78G	M.Tech	JNTUH, Hyderabad	Digital System Computer Electronics	21/03/2022	3.11	Assistant Professor	Assistant Professor		Regular	Yes		No
9	MOOLA RAMU	XXXXXXX64C	M.Tech	JNTUH, Hyderabad	Embedded Systems	04/04/2022	3.10	Assistant Professor	Assistant Professor		Regular	Yes		No
10	MADHAVARAPU SABITHA	XXXXXXX38C	M.Tech	JNTUH, Hyderabad	VLSI System Design	03/02/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
11	SUJITHA CHINTHALA	XXXXXXX58C	M.Tech	Kakatiya University	Digital Communication	03/07/2020	5.8	Assistant Professor	Assistant Professor		Regular	Yes		No
12	ANAGANDHULA SRILEKHA	XXXXXXX81Q	M.Tech	Kakatiya University	Digital Communication	12/07/2021	4	Assistant Professor	Assistant Professor		Regular	No	31/07/2025	No
13	MEKALA SRAVANTHI	XXXXXXX56C	M.Tech	JNTUH, Hyderabad	VLSI System Design	26/07/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
14	GURRAM SARIKA	XXXXXXX01C	M.Tech	Kakatiya University	Digital Communication	01/05/2023	2.1	Assistant Professor	Assistant Professor		Regular	No	03/06/2025	No
15	KOMMABATLA MAHENDER	XXXXXXX50D	M.Tech and Ph.D.	Koneru Laxmaiah University	Wireless Communication	01/06/2018	7.9	Assistant Professor	Professor	06/05/2024	Regular	Yes		No
16	MAISAGALLA GOPAL	XXXXXXX48D	M.Tech and Ph.D.	IIT Indore	VLSI Design	02/07/2018	5.11	Assistant Professor	Associate Professor	04/07/2019	Regular	No	03/06/2024	No
17	J RAVICHANDER	XXXXXXX07H	M.Tech and Ph.D.	JNTU, Ananthapur	Communications	04/07/2016	7.11	Assistant Professor	Professor	02/03/2020	Regular	No	14/06/2024	No
18	MADDHI ANITHA	XXXXXXX27L	M.Tech	JNTUH, Hyderabad	Embedded System	14/03/2016	9.11	Assistant Professor	Assistant Professor		Regular	Yes		No

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

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):

UG1=1st UG program

UGn=nth UG program

B= No. of Students in UG 2nd year (ST)

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

No. of UG Programs in the Department1 No. of PG Programs in the Department0
Table No.C2.1: Student-faculty ratio.

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	66	66	66
UG1.C	66	66	132
UG1.D	66	132	132
UG1: ELECTRONICS AND COMMUNICATION ENGINEERING	198	264	330
DS=Total no. of students in all UG and PG programs in the Department	198	264	330
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 198	S2= 264	S3= 330
DF=Total no. of faculty members in the Department	14	16	18
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 14	F2= 16	F3= 18
FF=The faculty members in F who have a 100% teaching load in the first-year courses	2	2	1
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 16.50	SFR2= 18.86	SFR3= 19.41
Average SFR for 3 years	SFR= 18.26		

C3. Faculty Qualification

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

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF]]
2025-26(CAY)	2	12	9.00	18.89
2024-25(CAYm1)	2	14	13.00	14.62
2023-24(CAYm2)	3	15	16.00	14.06

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	1.00	1.00	2.00	1.00	6.00	12.00
2024-25	1.00	1.00	2.00	1.00	8.00	14.00
2023-24	1.00	1.00	3.00	2.00	11.00	15.00
Average	RF1=1.00	AF1=1.00	RF2=2.33	AF2=1.33	RF2=8.33	AF2=13.67

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.B.Raju	Sub Divisional Engineer	BSNL	Microwave & Optical Communications	24.00
2	Mr.B.Raju	Sub Divisional Engineer	BSNL	Mobile Communications and Networks	28.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.P. Karthik	Verification Engineer	Xilinx India Technology Services Pvt Ltd (AMD)	VLSI Lab	33.00
2	Mr.P. Karthik	Verification Engineer	Xilinx India Technology Services Pvt Ltd (AMD)	Low Power VLSI Design	22.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr.P. Karthik	Verification Engineer	Xilinx India Technology Services Pvt Ltd (AMD)	VLSI Lab	33.00
2	Mr.P. Karthik	Verification Engineer	Xilinx India Technology Services Pvt Ltd (AMD)	Low Power VLSI Design	20.00

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	8	3	0
2	No. of peer reviewed conference papers published	5	13	0
3	No. of books/book chapters published	3	0	0

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. E. Sudarshan	Dr. K.Mahender	MSME	Encounter Cardiac ARREST	MSME Innovation Scheme	2 Years	15.00
K. Ranjith Kumar	K. Ravi Kiran	MSME	Secure safe poles	MSME Innovation Scheme	2 Years	15.00
						Amount received (Rs.):30.00

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
E. Kumaraswamy	B. Prashanth	MSME	IMMORTAL-PART-I	MSME Innovation Scheme	2 Years	15.00
						Amount received (Rs.):15.00

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: 45.00**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)

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years:**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
K.Ravikiran	Movable Elevator	1year	1.00	1.00	Prototype Developed; Field Testing Completed; &Startup Established
Dr.Eelandula Kumaraswamy	Smart Emergency Safety Bracemate	1 year	1.00	1.00	Prototype Developed; Functional Testing Completed
Dr.Kommabatla Mahender	Load Lifter for Stairs	1 year	1.00	1.00	Software Prototype Developed; Case Study Implemented; Paper under Preparation
Mr. Koteswar Rao Danthamala	Support for Publication	-	0.06	0.06	Publication
Mr.Moola Ramu	Support for Publication	-	0.15	0.15	Publication
Mrs.RaghavaKumari Deevi	Support for Publication	-	0.10	0.10	Publication
Mr.Nuneti Govardhan	Support for Publication	-	0.05	0.05	Publication
Mrs. Maddhi Anitha	Support for Publication	-	0.09	0.09	Publication
Ms.Gurram Sarika	Support for Publication	-	0.01	0.01	FDP
Dr.Kommabatla Mahender	Support for Publication	-	0.33	0.33	Publication
Dr.Eelandula Kumaraswamy	Support for Publication	-	0.05	0.05	Publication
Mr.Ravikiran Karre	Support for Publication	-	0.11	0.11	Publication
			Amount received (Rs.): 3.95		

(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
D.Koteswar Rao	UV Sterilizer	1 year	1.00	1.00	Prototype Developed
Ch.Padmaja	ML Based Automatic Vehicle Alert Prototype	1 year	1.00	1.00	Prototype Developed
Mr.Moola Ramu	Support for Publication	-	0.01	0.01	Publication
Mr.Nuneti Govardhan	Support for Publication	-	0.11	0.11	Publication
Mr.Konreddy Thirupathi	Support for Publication	-	0.01	0.01	Publication
Mrs. Maddhi Anitha	Support for Publication	-	0.01	0.01	Publication
Ms.Sharvani Yedulapuram	Support for Publication	-	0.06	0.06	Publication
Dr.Kommabatla Mahender	Support for Publication	-	0.48	0.48	Publication
Dr.Eelandula Kumaraswamy	Support for Publication	-	0.20	0.20	Publication
			Amount received (Rs.): 2.88		

(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
Y.Sharvani	Spring Assisted Automobile Bumper Prototype	1 year	1.00	1.00	Prototype Developed
D.Raghavakumari	Lifting Supporter for Bedridden Patients	1 year	1.00	1.00	Prototype Developed
Mr.Mahesh Kumar Gunda	Support for Publication	-	0.08	0.08	Publication
Dr.Kommabatla Mahender	Support for Publication	-	0.53	0.53	Publication
Dr.Eelandula Kumaraswamy	Support for Publication	-	0.05	0.05	Publication
			Amount received (Rs.): 2.66		

Total amount (Lacs) received for the past 3 years : 9.49

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 &IC Applications Lab	3	Regulated DC Power Supply (0–30 V), Function Generators (0–1 MHz), CROs (0–20 MHz) Dual Channel, Digital Multimeter, Universal Breadboard Tester Kit	I- Semester: 16	Mr.V. Sarveshwar	Lab Assistant	DECE
2	Microwave & Communication Lab	3	Klystron / Gunn Diode Based Microwave Bench Setup including Corresponding Power Supply, Gunn Diode Based Microwave Bench Setup including Power Supply	I- Semester : 4	Mr.G.Shiva	Lab Assistant	DECE
3	Simulation Lab-I	1	Computers, MATLAB or equivalent software, TI / Analog Devices / Motorola / Equivalent DSP processor Kits	I- Semester : 4	Mr. A.Ram Kishan Rao	Lab Assistant	DECE
4	Simulation Lab-II	1	Computers, XilinxVivado Software, CPLD Trainer kit, FPGA Trainer kit, SMPS, Xilinx CPLD card. Xilinx FPGA and MATLAB equivalent software	II- Semester: 6	Mrs. V. Sridevi	Lab Assistant	DECE

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 and IC Applications Lab	• Specific safety rules (Do's and Don'ts) are displayed and explained to all students. • Use of mobile phones is prohibited inside laboratories to maintain discipline and avoid disturbances during practical sessions. • Food and drinks are strictly prohibited inside the laboratory to maintain cleanliness and ensure safety. • First aid box and fire extinguishers are available in the laboratory for emergency and safety purposes • Power supply and circuit connections are verified by the faculty/laboratory staff before switching ON the supply to ensure safe operation and prevent incorrect connections • Proper ratings of resistors, capacitors, and other components are ensured. • Handle microprocessor kits, microcontroller kits, interfacing modules, ICs, transistors, electronic components, and laboratory equipment carefully. • Avoid touching live circuits or electrical connections with wet hands. • Verify circuit connections before switching ON the power supply to prevent equipment damage, short circuits, electric shock, and safety hazards. • Ensure correct polarity and proper placement of components and ICs before making connections to avoid component damage and circuit malfunction. • Switch OFF the power supply before changing or modifying circuit connections to prevent electric shock and equipment damage.
2	Microwave Engineering & Communication Lab	• Specific safety rules (Do's and Don'ts) are displayed and explained to all students. • Use of mobile phones is prohibited inside laboratories to maintain discipline and avoid disturbances during practical sessions. • Food and drinks are strictly prohibited inside the laboratory to maintain cleanliness and ensure safety. • First aid box and fire extinguishers are available in the laboratory for emergency and safety purposes. • Handle microwave sources, detectors, antennas, and measuring instruments carefully to avoid damage. • Microwave bench setup components and laboratory equipment carefully, avoid touching live circuits or electrical connections with wet hands, and verify circuit connections before switching ON the power supply to prevent equipment damage, short circuits, electric shock, and safety hazards. • Check all circuit connections carefully before switching ON the power supply to prevent short circuits, incorrect connections, and damage to components. • Ensure correct polarity and proper placement of components before making connections to avoid component damage and circuit malfunction. • Switch OFF the power supply before changing or modifying circuit connections to prevent electric shock and equipment damage.
3	Simulation Lab -I	• Specific safety rules (Do's and Don'ts) are clearly displayed and explained to all students. • Use of mobile phones are prohibited inside the laboratory to maintain discipline and avoid disturbances during practical sessions. • Food and drinks are strictly prohibited inside the laboratory to maintain cleanliness and ensure safety. • First aid boxes and fire extinguishers are available in the laboratory for emergency and safety purposes. • Handle computers, peripherals, and laboratory equipment carefully to prevent damage and ensure safe operation. • Do not change system settings, install software, or modify configurations without permission from the concerned faculty or laboratory staff. • Save work regularly during practical sessions to avoid loss of data. • Unauthorized access to systems and connection of external storage devices are strictly restricted to maintain system security. • Proper data backup and security measures are maintained to protect systems and information. • Students should follow proper login, logout, and shutdown procedures to prevent data loss and system malfunction.
4	Simulation Lab -II	• Specific safety rules (Do's and Don'ts) are clearly displayed and explained to all students. • Use of mobile phones are prohibited inside the laboratory to maintain discipline and avoid disturbances during practical sessions. • Food and drinks are strictly prohibited inside the laboratory to maintain cleanliness and ensure safety. • First aid boxes and fire extinguishers are available in the laboratory for emergency and safety purposes. • Handle computers, peripherals, and laboratory equipment carefully to prevent damage and ensure safe operation. • Do not change system settings, install software, or modify configurations without permission from the concerned faculty or laboratory staff. • Save work regularly during practical sessions to avoid loss of data. • Unauthorized access to systems and connection of external storage devices are strictly restricted to maintain system security. • Proper data backup and security measures are maintained to protect systems and information. • Students should follow proper login, logout, and shutdown procedures to prevent data loss and system malfunction.

D3. Project Laboratory/Research Laboratory

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PART E: First Year faculty and financial Resources

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

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4=S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage=((NS1*0.8) +(NS2*0.2))/RF
2023-24(CAYm2)	480	24	16	13	64

2024-25(CAYm1)	600	30	20	16	64
2025-26(CAY)	720	36	22	16	58

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

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

Items	Budgeted in 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	25000000	23850209	20000000	18838015	15000000	14438789	5000000	4627633
Library	400000	385641	400000	373978	400000	343220	600000	520547
Laboratory equipment	7500000	6903000	10200000	9637719	6000000	5291583	9500000	8611962
Teaching and non-teaching staff salary	105000000	103952046	90000000	84776431	75000000	73245689	62500000	61240823
Outreach Programs	650000	612536	600000	587653	600000	562534	500000	456238
R&D	450000	421639	400000	386547	350000	324623	375000	315623
Training, Placement and Industry linkage	8000000	7778643	6500000	6046726	6000000	5853582	4500000	4344637
SDGs	600000	568653	600000	534628	550000	508647	450000	435268
Entrepreneurship	650000	635846	650000	602357	600000	557856	550000	512358
Miscellaneous Expenses*	60000000	58873470	4500000	43258967	30000000	27687531	27500000	26234734
Total	208250000	203981683	133850000	165043021	134500000	128814054	111475000	107299823

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	700000	611000	900000	713700	900000	768360	1820100	1572134
Software	1200000	1174100	1200000	1174100	1400000	1303900	1200000	1174100
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	100000	13200	50000	13200	68000	27500	68900	27500
R & D	90000	82000	100000	87500	100000	70000	100000	53756

Industrial Training, Industry expert, Internship	80000	75000	60000	59000	100000	94780	100000	94780
Miscellaneous Expenses*	80000	70000	90000	84000	100000	70000	100000	79948
Total	2250000	2025300	2400000	2131500	2668000	2334540	3389000	3002218