

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 : 2
Application No : 11872	Date of Submission : 14-05-2026

PART A- Profile of the Institute

A1.Name of the Institute : GSSS INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN	
Year of Establishment : 2003	Location of the Institute: Mysuru
A2. Institute Address :GSSS Institute of Engineering & Technology for Women KRS Road, Metagalli Industrial Area Mysore- 570 016	
City:Mysore	State:Karnataka
Pin Code:570016	Website:gsssiw.ac.in
Email:gsssegg@yahoo.co.in	Phone No(with STD Code):0821-4257304
A3. Name and Address of the Affiliating University (if any):	
Name of the University : Visvesvaraya Technological University Belagavi	City: Belgaum
State : Karnataka	Pin Code: 590018
A4. Type of the Institution : Self-Supported Institute	
A5. Ownership Status : Self financing	

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

- No. of UG programs: **6**
- No. of PG programs: **3**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Artificial Intelligence and Data Science	2022	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Computer Science and Engineering	2003	--	Computer Science and Engineering
3	Engineering & Technology	PG	Computer Science and Engineering	2013	--	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2021	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
5	Engineering & Technology	PG	Digital Communications & Networking	2013	--	Electronics and Communication Engineering
6	Engineering & Technology	UG	Electrical and Electronics Engineering	2003	--	Electrical and Electronics Engineering
7	Engineering & Technology	UG	Electronics & Communication Engineering	2003	--	Electronics and Communication Engineering

8	Engineering & Technology	UG	Information Science & Engineering	2003	--	Information Science and Engineering
9	Management	PG	Masters in 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
Electronics and Communication Engineering	No	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)

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	PROGRA DURATIC
1	Electronics & Communication Engineering	UG	2003 / --	60	Yes	2019	180	2019	F.No. South-West/1-4262032906/2019/EOA dated 30/04/2019	Granted accreditation for 3 years for the period (specify period)	2023	2026	2	4

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr. Rajendra R Patil
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	175	180	180	180	160	165	149
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	18	17	18	29	16	18
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	9	9	9	9	9	8	9
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	184	207	206	207	198	189	176

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	175	9	102.22
2024-25 (CAYm1)	180	180	9	105.00
2023-24 (CAYm2)	180	180	9	105.00

Average [(ER1 + ER2 + ER3) / 3] = 104.07≅ 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
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and seperated division, if applicable	176.00	182.00	163.00
Y Number of students who have graduated in the stipulated period	198.00	189.00	176.00
Success Index [SI = Y / X]	1.12	1.04	1.08

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 1.08

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)	8.03	7.97	8.41
Y=Total no. of successful students	188.00	188.00	189.00
Z=Total no. of students appeared in the examination	189.00	189.00	189.00
API [X*(Y/Z)]	7.99	7.93	8.41

Average API[(AP1+AP2+AP3)/3] : 8.11

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)	7.01	7.04	7.68
Y=Total no. of successful students	200.00	207.00	196.00
Z=Total no. of students appeared in the examination	205.00	207.00	198.00
API [X * (Y/Z)]	6.84	7.04	7.60

B8. 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)	7.98	7.98	6.54
Y=Total no. of successful students	207.00	196.00	189.00
Z=Total no. of students appeared in the examination	207.00	196.00	189.00
API [$X*(Y/Z)$]:	7.98	7.98	6.54

B9. Placement, Higher Studies, and Entrepreneurship

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	198.00	196.00	198.00
X=No. of students placed	114.00	104.00	133.00
Y=No. of students admitted to higher studies	6.00	2.00	4.00
Z= No. of students taking up entrepreneurship	0.00	0.00	3.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	60.61	54.08	70.71

PART C: Faculty Details in Department and Allied Departments
(Data to be filled in for the 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
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1	Dr. Shivakumar M	XXXXXXXX07J	Ph.D	Visveswaraya Technological University	Electronics	10/02/2012	14.3	Professor	Professor	10/02/2012	Regular	Yes		No
2	Dr. Rajendra R Patil	XXXXXXXX03L	Ph.D	Gulbarga University	Microwave Electronics	14/07/2017	8.10	Professor	Professor	14/07/2017	Regular	Yes		Yes
3	Dr. Padmashree S	XXXXXXXX27C	Ph.D	Visveswaraya Technological University	Image Processing and Neural Network	29/08/2005	20.8	Lecturer	Professor	01/09/2017	Regular	Yes		No
4	Dr. Jayanth J	XXXXXXXX98C	Ph.D	Visveswaraya Technological University	Image Processing and Remote Sensing	12/08/2010	15.9	Lecturer	Professor	01/12/2022	Regular	Yes		No
5	Dr. Sreenivas Rao M V	XXXXXXXX85L	Ph.D	Visveswaraya Technological University	Mobile Robotics	22/08/2005	20.8	Lecturer	Associate Professor	01/09/2011	Regular	Yes		No
6	Dr. Manjula G	XXXXXXXX62G	Ph.D	Visveswaraya Technological University	Pathological Speech Signal Processing	20/02/2006	20.2	Lecturer	Associate Professor	01/09/2011	Regular	Yes		No
7	Dr. Sushma S J	XXXXXXXX87F	Ph.D	Visveswaraya Technological University	Medical Image Processing	25/11/2013	12.5	Associate Professor	Associate Professor	25/11/2013	Regular	Yes		No
8	Dr. Shyamala C	XXXXXXXX76Q	Ph.D	Jain University	Wireless Sensor Network & Wireless Communication	21/07/2014	16	Assistant Professor	Associate Professor	01/03/2022	Regular	Yes		No
9	Dr. Raghavendra Y M	XXXXXXXX94L	Ph.D	Visveswaraya Technological University	Wireless Sensor Network & Wireless Communication	01/10/2013	12.7	Assistant Professor	Associate Professor	01/03/2022	Regular	Yes		No
10	Dr.Latha M	XXXXXXXX19L	Ph.D	Visveswaraya Technological University	Speech Signal Processing	06/08/2007	18.9	Lecturer	Associate Professor	01/09/2022	Regular	Yes		No
11	Dr. Basavanna M	XXXXXXXX60J	Ph.D	Visveswaraya Technological University	Robotics	09/08/2012	13.9	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Dr. Anitha K	XXXXXXXX29K	Ph.D	Visveswaraya Technological University	Signal Processing	09/08/2010	15.9	Lecturer	Assistant Professor		Regular	Yes		No
13	Boregowda H B	XXXXXXXX19Q	M.Tech	Visveswaraya Technological University	Electronics	14/07/2014	11.8	Assistant Professor	Assistant Professor		Regular	No	31/03/2026	No
14	Lalitha K	XXXXXXXX19E	M.Tech	Visveswaraya Technological University	VLSI Design and Embedded System	02/02/2009	17.3	Lecturer	Assistant Professor		Regular	Yes		No

15	Padma R	XXXXXXX45D	M.Tech	Visveswaraya Technological University	VLSI Design and Embedded Systems	20/07/2011	14.9	Lecturer	Assistant Professor		Regular	Yes		No
16	Spoorthi Y	XXXXXXX69C	M.Tech	Visveswaraya Technological University	VLSI Design and Embedded Systems	15/07/2011	14.10	Lecturer	Assistant Professor		Regular	Yes		No
17	Yuvaraju T	XXXXXXX36F	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	05/09/2022	3.8	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Nalina H D	XXXXXXX77H	M.Tech	Visveswaraya Technological University	VLSI Design and Embedded Systems	15/07/2011	14.10	Lecturer	Assistant Professor		Regular	Yes		No
19	Rashmi H C	XXXXXXX21P	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	16/07/2015	10.9	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Amrutha R	XXXXXXX97G	M.Tech	Visveswaraya Technological University	VLSI Design and Embedded Systems	02/09/2011	14.8	Lecturer	Assistant Professor		Regular	Yes		No
21	Dileep R	XXXXXXX74J	M.Tech	Visveswaraya Technological University	Information and Communication Systems	01/06/2022	3.8	Assistant Professor	Assistant Professor		Regular	No	27/02/2026	No
22	Harshitha R	XXXXXXX54Q	M.Tech	Visveswaraya Technological University	Signal Processing	14/11/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Sharanya A R	XXXXXXX90P	M.Tech	Visveswaraya Technological University	Signal Processing	18/07/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Manasa J P	XXXXXXX69D	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	02/09/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Jeevitha C Y	XXXXXXX32M	M.Tech	Amrita Vishwa Vidyapeetham	Communication and Signal Processing	02/09/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Akshatha J	XXXXXXX89R	M.Tech	Visveswaraya Technological University	Industrial Automation and Robotics	02/09/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Jayashree S	XXXXXXX44C	M.E.	Anna University	Applied Electronics	11/08/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Shilpa S M	XXXXXXX66E	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	11/08/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Lavanya G	XXXXXXX95Q	M.Tech	Visveswaraya Technological University	Digital Communication and Networking	21/08/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No

30	Divyashree G	XXXXXXXX71M	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	11/08/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
31	Dr. Thilagavathy R	XXXXXXXX49H	Ph.D	Visveswaraya Technological University	Robotics	15/07/2013	12.10	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Nagesh M S	XXXXXXXX74D	M.Tech	Visveswaraya Technological University	Industrial Automation	11/07/2016	8.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2025	No
33	Keerthikumar M	XXXXXXXX19Q	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	15/07/2013	11.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2025	No
34	Nayana A	XXXXXXXX53C	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	15/07/2022	3	Assistant Professor	Assistant Professor		Regular	No	17/07/2025	No
35	Dr. Asha M	XXXXXXXX21K	Ph.D	Visveswaraya Technological University	Wireless Communication	06/08/2007	17	Lecturer	Assistant Professor		Regular	No	01/08/2024	No
36	Bharathi R	XXXXXXXX72C	M.Tech	Visveswaraya Technological University	Computer Network Engineering	03/08/2009	15	Lecturer	Assistant Professor		Regular	No	01/08/2024	No
37	Arpitha Shankar S I	XXXXXXXX07Q	Ph.D	Visveswaraya Technological University	Robotics	09/02/2011	13.5	Lecturer	Assistant Professor		Regular	No	01/08/2024	No
38	Nagashree R N	XXXXXXXX57J	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	14/07/2014	9.9	Assistant Professor	Assistant Professor		Regular	No	19/04/2024	No
39	Sowjanya M N	XXXXXXXX18P	M.Tech	Visveswaraya Technological University	VLSI Design and Embedded Systems	01/08/2012	11.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
40	Swarnalakshmi K B	XXXXXXXX29F	M.Tech	Visveswaraya Technological University	Digital Electronics and Communication	01/02/2023	1.5	Assistant Professor	Assistant Professor		Regular	No	08/07/2024	No
41	Monisha Uday	XXXXXXXX90B	M.Tech	Visveswaraya Technological University	Digital Communication and Networking	07/11/2022	1.6	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
42	Dr. Umesha Raddy	XXXXXXXX11P	Ph.D	Visveswaraya Technological University	VLSI Design and Embedded Systems	01/02/2023	0.11	Associate Professor	Associate Professor	01/02/2023	Contractual Fulltime	No	30/01/2024	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 Department1

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	198	197	198
UG1.C	197	198	198
UG1.D	198	198	196
UG1: Electronics & Communication Engineering	593	593	592
PG1.A	6	6	6
PG1.B	6	6	6
PG1: Digital Communications & Networking	12	12	12
DS=Total no. of students in all UG and PG programs in the Department	605	605	604
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= 605	S2= 605	S3= 604
DF=Total no. of faculty members in the Department	29	27	33
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= 29	F2= 27	F3= 33
FF=The faculty members in F who have a 100% teaching load in the first-year courses	2	2	2
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 22.41	SFR2= 24.20	SFR3= 19.48
Average SFR for 3 years	SFR= 22.03		

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)	13	16	30.00	16.17
2024-25(CAYm1)	13	14	30.00	15.50
2023-24(CAYm2)	12	21	30.00	17.00

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	3.00	4.00	7.00	6.00	20.00	19.00
2024-25	3.00	4.00	7.00	6.00	20.00	17.00
2023-24	3.00	4.00	7.00	6.00	20.00	23.00
Average	RF1=3.00	AF1=4.00	RF2=7.00	AF2=6.00	RF2=20.00	AF2=19.67

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Umesharaddy	Technical Manager	Pravega Semi Pvt Ltd	Computer Organization and Architecture	40.00
2	Dr. Umesharaddy	Technical Manager	Pravega Semi Pvt Ltd	VLSI Design	40.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Umesharaddy	Technical Manager	Pravega Semi Pvt Ltd	Digital System Design Using Verilog	50.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
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1	No. of peer reviewed journal papers published	4	14	15
2	No. of peer reviewed conference papers published	13	17	8
3	No. of books/book chapters published	1	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. Manjula G	Dr. Latha M, Dr. Raghavendra Y M Dr. Jagadeesha M	Department of Electronics and Communication Engineering. GSSSIETW	Assistive Device for Automated Stuttering Assessment and Therapy	Department of Science & Technology, Science for Equity Empowerment and Development (SEED), Technology Bhavan, New Delhi rgaur@nic.in	2.6 years	4132110.00
						Amount received (Rs.):4132110.00

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. Padmashree S	Dr. Sushma S J, Dr. Raviraj P	Department of Electronics and Communication Engineering. GSSSIETW	Establishment of GSSSIETW Technology Business Incubator	Department of Science & Technology, Technology Translation and Innovation, Technology Bhavan, New Delhi	3 years	35600000.00
						Amount received (Rs.):35600000.00

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. Padmashree S	Chaitrashree Shivakumarswamy	Department of Electronics and Communication Engineering. GSSSIETW, Mysuru	Scheme for Promoting interest, creativity and Ethics among students (SPICES)	All India Council for Technical Education, Nelson Mandela Marg, Vaikunt Kunj, New Delhi-110070 ,www.aicte.india.org	1 year	100000.00
Dr. Padmashree S		Department of Electronics and Communication Engineering. GSSSIETW, Mysuru	DST-Training Program Entrepreneurship WEDP, TEDP and FDP	Department of Science Technology (DST), Innovation and Entrepreneurship Division, Technology Bhavan, New Delhi	1 year	100000.00
Dr.M Shivakumar	Nodal Officer: Dr. Jayanth J	Department of Electronics and Communication Engineering. GSSSIETW, Mysuru	Consolidation of University Research for Innovation and Excellence (CURIE)	Department of Science Technology (DST), WISE-KIRAN Division , Technology Bhavan, New Delhi	3 years	4376160.00
						Amount received (Rs.):4576160.00

Total Amount (Lacs) Received for the Past 3 Years: 44308270.00

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
Dr. G Manjula	Speech Controlled Wheelchair for Physically disabled people	12 Months	0.04	0.04	Voice-controlled wheelchair enhances independent mobility, improves the quality of life of physically challenged individuals
Dr. Thilagavathy R	Survival and Rescue based water vehicle with IoT	12 Months	0.05	0.05	Robot for rescue operation
			Amount received (Rs.): 0.09		

(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
Mrs. Bharathi R.	Design And Development Of Auto Power Conversion For EV Two-Wheeler	12 Months	0.04	0.04	The project successfully improved energy efficiency, effectively overcoming a primary limitation of battery- powered vehicles.
Mrs. Arpitha Shankar S. I.	Guardianbot: Advancing Marine Conservation Through Plastic Cleaning And Surveillance	12 Months	0.04	0.04	Robot for surveillance and cleaning
Mrs. Bharathi R.	Fire Fighting Robot	12 Months	0.06	0.06	Demonstrated that firefighting robots enhance societal well-being by mitigating human risk, reducing casualties, and minimizing property damage.
			Amount received (Rs.): 0.14		

(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
Thilagavathy R	IOT Based wearable wrist band for patients suffering from alzheimer disease	12 Months	0.05	0.05	A Wrist band for monitoring patients with alzheimer
Padma R	IoT based river cleaning system.	12 Months	0.04	0.04	lake or river cleaning system
Nalina H D	Automatic medicine vending machine using RFID technology for old age people.	12 Months	0.05	0.05	medicine dispensing system for aged people
			Amount received (Rs.): 0.14		

Total amount (Lacs) received for the past 3 years : 0.37

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	Analog & Digital System Design Laboratory (PCC)	23	Dual Channel oscilloscope, Function/Signal Generator, Regulated DC power supply, Multi output DC Power supply, Step down transformer, Auto Transformer	9 Batches / We	Smt. Kavya P	Asst. Instructor	Dip.ECE
2	Communication Laboratory	22	Dual Channel oscilloscope, Function/Signal Generator, Regulated DC power supply, Multi output DC Power supply, Step down transformer, Auto Transformer	12 Batches / We	Smt. Kavya P	Asst. Instructor	Dip.ECE
3	Digital Communication	23	The Major equipments Desktop computers, Dual Channel oscilloscope, Function/Signal Generator, Regulated DC power supply, Multi output DC Power supply, Step down transformer, Auto Transformer	9 Batches / We	Mr. Sreenidhi P	Asst. Instructor	Dip.ECE
4	Digital System Design Using Verilog Laboratory (IPCC) (2022 Scheme)	22	The Major equipments Desktop computers, TK Base FPGA/CPLD Kit, DAC Interface Cord, DC motor controller, Encoder Interface, I/O Module & Keyboard	9 Batches / We	Mr.Mahadeva prasad A G	Asst. Instructor	B.E ECE
5	Principles of Communication Lab	22	The Major equipments Desktop computers, DSP Kits, Matlab software using Scilab	12 Batches / We	Mr.Mahadeva prasad A G	Asst. Instructor	B.E ECE
6	Electronic Principles & Circuits Lab (2022 Scheme)	22	The Major equipments Desktop computers and Multisim Software. Voltage stabilizer	9 Batches / We	Mr.Phanindra S	Instructor	Dip.ECE
7	Computer Networks & Protocols lab (2022 Scheme)	20	The Major equipments are Desktop computers, 24 port LAN Switch	9 Batches / We	Mr. Raghunandan R	Asst. Instructor	Dip.ECE
8	VLSI Laboratory	20	The Major equipments are Core i7 Desktop computers, 24 port LAN Switch, Cadence UG Bundle licensed software, 60 Watt Microwave licensed test, 50 Watt	9 Batches / We	Mr.Manjunath M	Instructor	B.E ECE
9	Microwave theory & Antenna Laboratory	20	The Major equipments are Microwave bench, Klystron power supply, VSWR Meters, Gun Power supply, Directional coupler, Frequency counter, Antenna tuner	9 Batches / We	Mr.Manjunath M	Instructor	B.E ECE

10	Control Systems lab	18	Licensed MATLAB Tool Box 2021- 18 Users The Major equipments are Desktop computers, 24 port LAN Switch. The Desktops are connected with LAN and	12 Batches / We	Mr.Manjunath J	Foreman	M. Tech
11	Digital Signal Processing Lab	22	The Major equipments Desktop computers, DSP Kits, Matlab software using Cadence	9 Batches / We	Mr.Manjunath J	Foreman	M. Tech
12	Microcontroller Lab	18	The Major equipments are Desktop computers, KIEL3 Software, 24 port LAN Switch, Microcontroller	12 Batches / W	Mr. Phanindra S	Instructor	Dip.ECE
13	Embedded System Design Lab	18	The Major equipments are Desktop computers, KIEL4 Software, 24 port LAN Switch. The Desktops are connected with LAN and provided Internet connection	12 Batches / W	Mr. Raghunandan R	Asst. Instructor	Dip.ECE
14	C++ Basics Lab (Odd Sem)	65	The Major equipments are Desktop computers – 64 Nos (HP Desktop 400 G9, Intel i7-12th Gen, 16GB DDR4 RAM, 4 TB NVME SSD HDD, Intel i7700 Chip set)	3 Batches / We	Smt. Divyashree N J	Instructor	B.E ECE
15	FPGA Lab (Even Sem) & Skill Lab	65	The Major equipments are Desktop computers – 64 Nos (HP Desktop 400 G9, Intel i7-12th Gen, 16GB DDR4 RAM, 4 TB NVME SSD HDD, Intel i7700 Chip set)	3 Batches / We	Smt. Divyashree N J	Instructor	B.E ECE
16	Fundamental of Electronics & Communication Lab	22	Cathode Ray oscilloscope, Function/Signal Generator, Regulated DC power supply, Multi output DC Power supply, Step down Transformer, Auto Transformer	9 Batches / We	Mr. Sreenidhi P	Asst. Instructor	Dip.ECE

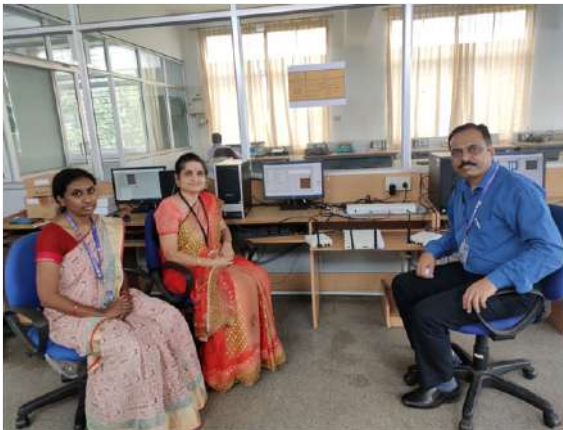
D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Analog & Digital System Design Laboratory –BECL305 (PCC) and Digital System Design Using Verilog Laboratory (IPCC) Principles of Communication Laboratory	Fire Extinguisher and First Aid box
2	Digital Communication Laboratory and Fundamental of Electronics & Communication Laboratory	Fire Extinguisher and First Aid box
3	Electronic Principles & Circuits Laboratory (2022 Scheme) and Embedded System Design Laboratory	Fire Extinguisher and First Aid box
4	Computer Networks & Protocols Laboratory (2022 Scheme) & Principles of Communication Laboratory	Fire Extinguisher and First Aid box
5	VLSI Laboratory and Microwave theory & Antenna Laboratory	Fire Extinguisher and First Aid box

6	Control Systems lab and Digital Signal Processing Laboratory and Microcontroller Laboratory	Fire Extinguisher and First Aid box
7	C++ Basics Laboratory (Odd Sem) and FPGA Laboratory (Even Sem) & Skill Laboratory	Fire Extinguisher and First Aid box

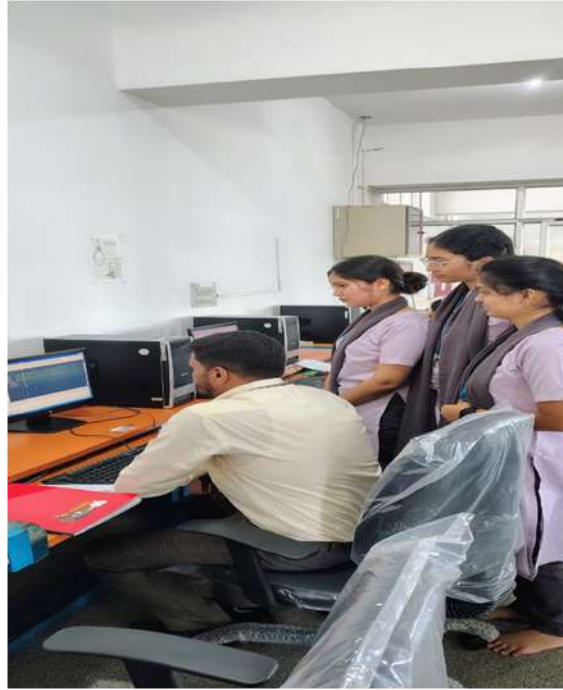
D3. Project Laboratory/Research Laboratory

S.N.	Name of the Laboratory / Research laboratory /Centre of Excellence	Lab No	Lab Photos
1	Advanced Wireless Communication- airLink	A-212	  

2

VLSI Design and Verification – **ChipCraft**

A-304



3	Embedded Systems & Robotics – RoboSys	A-318B	
4	Augmented Reality & Virtual Reality - VisionXR	A-318B	



Interactive Acoustic Room





6

el-Skill (electronics Innovation).

A-312



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)	540	27	13	13	48
2024-25(CAYm1)	540	27	13	13	48
2025-26(CAY)	540	27	16	11	56

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	12500000	10418507	600000	1176585	2850000	51937949	8975500	15608002
Library	325000	347164	192470	181575	185590	189488	150000	133889
Laboratory equipment	586500	443126	2147620	2065019	4782250	4527983	93350	85886
Teaching and non-teaching staff salary	137500000	135193350	105700000	103637875	105200000	98960544	97636333	83855848
Outreach Programs	85000	20370	0	0	0	0	0	0
R&D	0	0	0	0	0	0	0	0
Training, Placement and Industry linkage	9347224	9802164	10165000	9670185	7800000	7178921	6390000	7206565
SDGs	600000	85447	2025500	2143728	1575250	1675430	324000	296352
Entrepreneurship	200000	181000	30000	17500	30000	29700	25000	20780
Others, specify	128555250	117849305	128399825	116067654	121592500	91820500	118570000	119509897
Total	289698974	274340433	249260415	234960121	244015590	256320515	232164183	226717219

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	1528500	264261	3099800	2168897	5576797	4469857	3207766	1692850
Software	0	0	2744000	2625999	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	135500	49849	362500	93823	100000	37730	60000	6216
R & D	0	0	193000	21997	300000	0	30000	13847
Industrial Training, Industry expert, Internship	2570625	1691987	2706250	811546	2076000	905573	60000	54290
Miscellaneous Expenses*	591900	393353	305000	260308	500000	205243	261234	176044
Total	4826525	2399450	9410550	5982570	8552797	5618403	3619000	1943247