NATIONAL BOARD OF ACCREDITATION

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

Program Name : Applied Electronics & Instrumentation Engineering	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 2
Application No: 11506	**Date of Submission**: 29-01-2026

PART A- Profile of the Institute

A1.Name of the Institute: GOVERNMENT ENGINEERING COLLEGE, WEST HILL, KOZHIKODE	
Year of Establishment : 1999	Location of the Institute: Westhill Kozhikode
A2. Institute Address:THE PRINCIPAL, GOVERNMENT ENGINEERING COLLEGE WEST HILL P O, KOZHIKODE, PIN 673005 KERALA	
City:Kozhikode	State:Kerala
Pin Code:673005	Website:www.geckkd.ac.in
Email:office@geckkd.ac.in	Phone No(with STD Code):0495-2383210
A3. Name and Address of the Affiliating University (if any):	
Name of the University : APJ Abdul Kalam Technological University	City: Thiruvananthapuram
State : Kerala	Pin Code: 695016
A4. Type of the Institution: Government Institute	
A5. Ownership Status: State Government	

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

- No. of UG programs: **6**
- No. of PG programs: **4**

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	Applied Electronics & Instrumentation Engineering	1999	--	Applied Electronics and Instrumentation Engineering
2	Engineering & Technology	UG	Chemical Engineering	1999	--	Chemical Engineering
3	Engineering & Technology	UG	Civil Engineering	2006	--	Civil Engineering
4	Engineering & Technology	PG	Computer Aided Process Design	2011	--	Chemical Engineering
5	Engineering & Technology	UG	Computer Science and Design	2022	--	Computer Science and Engineering
6	Engineering & Technology	UG	Electronics & Communication Engineering	2012	--	Applied Electronics and Instrumentation Engineering
7	Engineering & Technology	PG	Energy System Analysis and Design	2012	--	Mechanical Engineering
8	Engineering & Technology	UG	Mechanical Engineering	1999	--	Mechanical Engineering
9	Engineering & Technology	PG	Signal Processing	2012	--	Applied Electronics and Instrumentation Engineering
10	Engineering & Technology	PG	Structural Engineering	2022	--	Civil 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
Applied Electronics and Instrumentation Engineering	No	Applied Electronics & Instrumentation Engineering	UG
Civil Engineering	No	Civil Engineering	UG
Chemical Engineering	No	Chemical Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	UG

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

No Record

PART-B: Program information

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

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

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITE
1	Applied Electronics & Instrumentation Engineering	UG	1999 / --	60	No	NA	60	1999	South-West/1-44642884184/EOA dated 20.3.25	Granted accreditation for 3 years for the period (specify period)	2023	2026	3

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 :	BABURAJ M
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)	60	60	60	60	60	60	60

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	60	60	60	50	32	34	60
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	6	6	14	33	22	6
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	7	9	6	4	3	2
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	69	73	75	70	69	59	68

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)	60	60	9	115.00
2024-25 (CAYm1)	60	60	7	111.67
2023-24 (CAYm2)	60	60	9	115.00

Average [(ER1 + ER2 + ER3) / 3] = 113.89≡ 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	93.00	82.00	68.00
Y Number of students who have graduated in the stipulated period	35.00	46.00	61.00
Success Rate (SR)= (B/A) * 100	37.63	56.10	89.71

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 61.15

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)
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)	7.89	6.93	7.00
Y=Total no. of successful students	57.00	42.00	28.00
Z=Total no. of students appeared in the examination	67.00	69.00	56.00
API [X*(Y/Z)]	6.71	4.22	3.50

Average API[(AP1+AP2+AP3)/3] : 4.81

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 2rd year/10)	7.34	6.97	6.76
Y=Total no. of successful students	31.00	20.00	39.00
Z=Total no. of students appeared in the examination	48.00	42.00	53.00
API [X * (Y/Z)]	4.74	3.32	4.97

Average API [(AP1 + AP2 + AP3)/3] : 4.34

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)	7.34	6.83	6.98
Y=Total no. of successful students	14.00	36.00	47.00
Z=Total no. of students appeared in the examination	20.00	39.00	47.00
API [X*(Y/Z)]:	5.14	6.30	6.98

Average API [(AP1 + AP2 + AP3)/3] : 6.14

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	93.00	82.00	66.00
X=No. of students placed	21.00	25.00	38.00
Y=No. of students admitted to higher studies	0.00	7.00	4.00
Z= No. of students taking up entrepreneurship	0.00	0.00	1.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	22.58	39.02	65.15

Average Placement Index = (P_1 + P_2 + P_3)/3: 42.25 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	ABDU RAHIMAN V	XXXXXXX47H	Ph.D	National Institute of Technology Calicut	Signal Processing	29/06/2019	6.6	Assistant Professor	Associate Professor	06/09/2019	Regular	Yes		No
2	SHAJAHAN E S	XXXXXXX22D	Ph.D	NITK Suratkal	RF MEMS	05/09/2022	2.11	Professor	Professor	05/09/2022	Regular	No	25/08/2025	No

3	SHAJEEMOHAN B S	XXXXXXX51P	Ph.D	IIT Madras	Pattern Analysis	06/06/2009	14.11	Assistant Professor	Professor	31/07/2018	Regular	No	31/05/2024	No
4	AGNES JACOB	XXXXXXX02C	Ph.D	CUSAT	Speech Signal Processing	21/12/2020	4.3	Professor	Professor	21/12/2020	Regular	No	31/03/2025	No
5	BABURAJ M	XXXXXXX10E	Ph.D	NIT CALICUT	Signal Processing	07/05/2018	7.8	Assistant Professor	Professor	17/07/2021	Regular	Yes		Yes
6	AHAMMED MUNEER K V	XXXXXXX82N	Ph.D	NIT CALICUT	Biomedical Image Processing	22/08/2024	1.5	Professor	Professor	22/08/2024	Regular	Yes		No
7	ASHA MURALI	XXXXXXX56E	Ph.D	University of Madras	Communication System - Engineeing Education	18/09/2023	2.4	Professor	Professor	18/09/2023	Regular	Yes		No
8	SWAPNA G	XXXXXXX96L	Ph.D	Amritha Viswavidyapeedam	Machine Learning	02/06/2023	2.7	Associate Professor	Associate Professor	02/06/2023	Regular	Yes		No
9	BINDIMA T	XXXXXXX11Q	Ph.D	NIT CALICUT	Multirate Signal Processing	31/07/2017	8.6	Assistant Professor	Associate Professor	03/03/2018	Regular	Yes		No
10	SARITHA M	XXXXXXX43J	Ph.D	NIT CALICUT	Medical Image Classification	09/09/2020	5	Assistant Professor	Associate Professor	20/06/2022	Regular	No	16/09/2025	No
11	PRADEEP K BHARATHAN	XXXXXXX79H	M.Tech	CUSAT	Computer and Information Sciences	29/06/2024	1.6	Associate Professor	Associate Professor	29/06/2024	Regular	Yes		No
12	JESY P	XXXXXXX49P	Ph.D	NIT CALICUT	Telecommunication	02/09/2023	2.4	Associate Professor	Associate Professor	02/09/2023	Regular	Yes		No
13	SREEJITH S	XXXXXXX93L	M.Tech	NITK Suratkal	VLSI Design	02/09/2024	1.4	Associate Professor	Associate Professor	02/09/2024	Regular	Yes		No
14	SUJITHKUMAR T P	XXXXXXX61E	M.Tech	Anna University, Coimbatore	VLSI Design	29/06/2024	1.6	Associate Professor	Associate Professor	29/06/2024	Regular	Yes		No
15	SARITHA E	XXXXXXX57C	M.Tech	NITK Suratkal	Communication Engineering	01/09/2023	2.4	Associate Professor	Associate Professor	01/09/2023	Regular	Yes		No
16	SUNNY T D	XXXXXXX05M	M.Tech	Visvesvaraya Technological University, Belgaum	Industrial Electronics	19/07/2024	1	Associate Professor	Associate Professor	19/07/2024	Regular	No	11/08/2025	No
17	SHANTHINI K S	XXXXXXX53F	Ph.D	NIT CALICUT	Signal Processing	25/08/2025	0.4	Associate Professor	Associate Professor	25/08/2025	Regular	Yes		No
18	RAMESH KUMAR P	XXXXXXX29D	Ph.D	IIT Bombay	Systems and Control	16/09/2025	0.4	Associate Professor	Associate Professor	16/09/2025	Regular	Yes		No
19	SUBHIJA E E N	XXXXXXX39C	M.Tech	Visvesvaraya Technological University, Belgaum	Biomedical Signal Processing and Instrumentation	01/07/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
20	ANOOP C S	XXXXXXX09H	Ph.D	IISc Bangalore	Signal Processing	21/07/2022	3	Assistant Professor	Assistant Professor		Regular	No	11/08/2025	No
21	GLADWIN JOSE K T	XXXXXXX31Q	Ph.D	IISc Bangalore	Electromagnetics	12/09/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No

22	SUMI GEORGE	XXXXXXX40Q	M.Tech	University of Kerala	Applied Electronics and Instrumentation	27/07/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
23	ABDUL JALEEL N	XXXXXXX73L	M.E.	Vinayak Mission University	Embedded System	13/06/2019	4.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
24	BABITHA B NAIR	XXXXXXX89F	M.Tech	NIT CALICUT	Power System	14/06/2019	5.5	Assistant Professor	Assistant Professor		Regular	No	15/11/2024	No
25	JITHESH C P	XXXXXXX11C	M.Tech	NIT TRICHY	VLSI System	17/06/2019	5	Assistant Professor	Assistant Professor		Regular	No	09/07/2024	No
26	ANJU S ANAND	XXXXXXX73F	M.Tech	Anna University	Communication Engineering	02/09/2022	1.10	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
27	HARIKRISHNAN P R	XXXXXXX51F	M.Tech	CUSAT	Microwave Engineering	23/07/2019	4.11	Assistant Professor	Assistant Professor		Regular	No	02/07/2024	No
28	SREERAM R	XXXXXXX16F	M.Tech	Amritha Viswavidyapeedam	Wireless Networks	02/09/2022	2.11	Assistant Professor	Assistant Professor		Regular	No	11/08/2025	No
29	LINCY K	XXXXXXX00H	M.Tech	University of Kerala	Microwave and TV Engineering	21/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
30	RANJU K V	XXXXXXX87P	M.Tech	MG University	VLSI Design and Embeddded System Technology	22/12/2021	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
31	MUHAMMED FASIL C	XXXXXXX59N	Ph.D	IIT Bombay	Computer Vision	01/09/2023	2.4	Assistant Professor	Assistant Professor		Regular	Yes		No
32	BINOY K P	XXXXXXX77C	M.Tech	University of Calicut	Communication and Signal processing	02/09/2023	1.10	Assistant Professor	Assistant Professor		Regular	No	31/07/2025	No
33	SHILPI M	XXXXXXX19C	M.Tech	NIT CALICUT	Process Control and Instrumentation	04/09/2023	2.4	Assistant Professor	Assistant Professor		Regular	Yes		No
34	VISHNU K R	XXXXXXX64N	M.Tech	KTU	Power Systems	28/02/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
35	SABEEH AHAMMED M T	XXXXXXX64L	M.Tech	University of Calicut	Signal Processing	05/08/2016	8.1	Assistant Professor	Assistant Professor		Contractual Fulltime	No	25/09/2024	No
36	SREERAM M	XXXXXXX71Q	M.Tech	MG University	VLSI and Embeddded System Technology	25/05/2021	4.8	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
37	AMBILI R	XXXXXXX44A	M.Tech	Visvesvaraya Technological University, Belgaum	Digital Electronics and Communication Systems	05/02/2024	1.11	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
38	ANAGHA SUDHAKAR	XXXXXXX77G	M.Tech	NIT CALICUT	Instrumentation & Control systems	25/11/2021	4	Assistant Professor	Assistant Professor		Contractual Fulltime	No	01/12/2025	No
39	ANJANA NARAYAN	XXXXXXX21D	M.Tech	Anna University	Communication Systems	13/02/2024	1.11	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No

40	SYTHALAKSHMI C.S	XXXXXXX32N	M.Tech	University of Calicut	Signal Processing	02/07/2025	0.6	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
41	SHIJITH K P	XXXXXXX40B	M.Tech	NIT CALICUT	Instrumentation & Control systems	28/02/2025	0.10	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
42	SUSHARA SURESH T V	XXXXXXX18K	M.Tech	KTU	Optoelectronics and Communication systems	03/02/2025	0.11	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
43	ROSHNA J	XXXXXXX98L	M.Tech	University of Kerala	Optoelectronics and Optical Communication	11/09/2025	0.4	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
44	APARNA P	XXXXXXX11P	M.Tech	Anna University	VLSI Design	08/01/2026	0	Assistant Professor	Assistant Professor		Contractual Fulltime	Yes		No
45	SHAMSUDHEEN P	XXXXXXX72P	M.Tech	Kannur University	Communication and Signal processing	08/12/2025	0.1	Assistant Professor	Assistant Professor		Contractual Fulltime	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 Department2 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	66	66	66
UG1.C	66	66	66
UG1.D	66	66	66
UG1: Electronics & Communication Engineering	**198**	**198**	**198**
UG2.B	66	66	66
UG2.C	66	66	66
UG2.D	66	66	66

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG2: Applied Electronics & Instrumentation Engineering	**198**	**198**	**198**
PG1.A	18	18	18
PG1.B	18	18	18
PG1: Signal Processing	**36**	**36**	**36**
DS=Total no. of students in all UG and PG programs in the Department	432	432	432
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=** 432	**S2=** 432	**S3=** 432
DF=Total no. of faculty members in the Department	26	25	21
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=** 26	**F2=** 25	**F3=** 21
FF=The faculty members in F who have a 100% teaching load in the first-year courses	1	1	1
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 17.28**	**SFR2= 18.00**	**SFR3= 21.60**
Average SFR for 3 years	**SFR= 18.96**		

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)	10	16	21.00	19.52
2024-25(CAYm1)	12	14	21.00	20.95
2023-24(CAYm2)	10	11	21.00	17.14

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	2.00	3.00	4.00	5.00	14.00	12.00
2024-25	2.00	4.00	4.00	5.00	14.00	12.00

2023-24	2.00	4.00	4.00	4.00	14.00	10.00
Average	RF1=2.00	AF1=3.67	RF2=4.00	AF2=4.67	RF2=14.00	AF2=11.33

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Roshith K.	Assistant Professor	College of Engineering, Vadakara	Microcontrollers	4.00

(CAYm2)

(CAYm3)

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	4	5	10
2	No. of peer reviewed conference papers published	6	11	14
3	No. of books/book chapters published	0	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. Bindima T			Lights to life(L2L)	IEEE	1 year	2.75
						Amount received (Rs.):2.75

(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
Prof. Sreeram M			Step-sense	KTU	1 year	2.00
						Amount received (Rs.):2.00

(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. Bindima T			Domestic and Drinking Reservoir with Renewable Energy Baveli (D2Re-B)	IEEE	1 year	4.38
						Amount received (Rs.):4.38

Total Amount (Lacs) Received for the Past 3 Years: 9.13

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)

(CAYm2)

(CAYm3)

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

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 Circuits Lab	3	Digital storage oscilloscope, Spectrum analyzer, Signal generator, Regulated power supply, CRO , IC Tester	4 slots/week	Reena NK	Trade instructor	Diploma in Electronics

2	Power Electronics Lab	3	Digital storage oscilloscope,IGBT based 3 Phase inverter module , Signal generator,Microprocessor	2 slots/week S(	Prajith AP	Trade instructor	Diploma in Electronics
3	Process Control and Instrumentation Lab	3	PLC trainer, Pneumatic level process station, Pneumatic pressure process station, Pneumatic	2 slots/week S4	Binsi B	Tradesman	Mtech in ECE
4	Digital Electronics Lab	3	Digital storage oscilloscope , digital IC trainer kits,Multi output DC regulated power supply,digital	4 slots/week S3	Binil M	Trade instructor	ITI in Electronics
5	System Simulation Lab	3	Desktop computer , LCD Display, DSP starter kits, MATLAB software, LAB View software	8 slots/week, S	Smitha E	Trade instructor	Diploma in Electronics
6	Communication Lab	4	Digital storage oscilloscope ,Cathode Ray Oscilloscope, Signal generator, Regulated DC	2 slots/week,S7	Sethumadhavan	Tradesman	Diploma in Electronics
7	Digital Signal Processing Lab	2	DSP trainer kit, Image processing board, Digital storage oscilloscope,Waveform generator	PG lab and cla:	Sijila K	Tradesman	Btech in ECE
8	Microprocessor Lab	4	PC Workstation, 8051 microcontroller kit, 8085 microprocessor kit,8086 microprocessor kit,	2 slots/week, S	Shyni E	Trade instructor	Diploma in Electronics
9	Project Lab	4	Desktop Computer	4 slots/week, S	Abdul Hakeem CK	Tradesman	Btech in ECE
10	Research Lab	1	Desktop Computer	PG Lab cum cl:	Harish Kumar C H	First grade instructor	Mtech in ECE
11	Electronics Workshop	3	Digital storage oscilloscope ,Cathode Ray Oscilloscope,Digital Multimeter , Soldering iron ,	6 slots/week S'	Esther PU	First grade instructor	Btech in ECE
12	Electrical Workshop	4	Electrical wires and wiring accessories.ELCB and MCB	6 slots/week S'	Santhosh kumar	Tradesman	ITI Electrical

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Electronic Circuits Lab	Fire extinguishers are installed near the laboratory, and safety instructions are clearly displayed for users. A first aid box is available in the lab to handle minor emergencies. An ELCB is provided to ensure electrical safety, and fire buckets filled with sand and water are kept near the laboratory as additional fire safety measures.
2	Power Electronics Lab	Fire extinguisher is provided close to the Lab. safety instructions are displayed, first aid box is provided in the Lab. ELCB is provided for electrical safety. Fire buckets with sand and water are arranged close to the Lab
3	Process Control and Instrumentation Lab	Fire extinguishers are placed close to the laboratory, and safety guidelines are prominently displayed for users. A first aid kit is available in the lab to address minor injuries or emergencies. An Earth Leakage Circuit Breaker (ELCB) is installed to enhance electrical safety. Additionally, fire buckets containing sand and water are positioned near the laboratory as precautionary fire-fighting arrangements.

4	Digital Electronics Lab	Fire extinguishers are installed near the laboratory, and safety instructions are clearly displayed to ensure that users are aware of proper safety practices. A first aid box is available in the laboratory to handle minor injuries or emergencies. An Earth Leakage Circuit Breaker (ELCB) is provided to ensure electrical safety and protect against electrical faults. Fire buckets filled with sand and water are also arranged close to the laboratory as additional fire safety measures. Emergency contact numbers and general safety guidelines are displayed in the lab for quick reference. The laboratory environment is maintained with proper ventilation and adequate lighting to ensure safe working conditions for students and staff. Regular inspection and maintenance of safety equipment are carried out to ensure their proper functioning.
5	System Simulation Lab	Fire extinguishers are placed near the laboratory to handle fire emergencies. Safety instructions are clearly displayed for the guidance of users. A first aid box is available in the laboratory to manage minor injuries. An Earth Leakage Circuit Breaker (ELCB) is installed to ensure electrical safety. In addition, fire buckets filled with sand and water are kept close to the laboratory as precautionary fire safety measures.
6	Communication Lab	Fire extinguisher is provided close to the Lab. safety instructions are displayed, first aid box is provided in the Lab. ELCB is provided for electrical safety. Fire buckets with sand and water are arranged close to the Lab
7	Digital Signal Processing Lab	Fire extinguishers are installed near the laboratory, and safety instructions are clearly displayed for users. A first aid box is available in the lab to handle minor emergencies. An ELCB is provided to ensure electrical safety, and fire buckets filled with sand and water are kept near the laboratory as additional fire safety measures.
8	Microprocessor Lab	Fire extinguisher is provided close to the Lab. safety instructions are displayed, first aid box is provided in the Lab. ELCB is provided for electrical safety. Fire buckets with sand and water are arranged close to the Lab
9	Project Lab	Fire extinguishers are installed near the laboratory, and safety instructions are clearly displayed to ensure that users are aware of proper safety practices. A first aid box is available in the laboratory to handle minor injuries or emergencies. An Earth Leakage Circuit Breaker (ELCB) is provided to ensure electrical safety and protect against electrical faults. Fire buckets filled with sand and water are also arranged close to the laboratory as additional fire safety measures. Emergency contact numbers and general safety guidelines are displayed in the lab for quick reference. The laboratory environment is maintained with proper ventilation and adequate lighting to ensure safe working conditions for students and staff. Regular inspection and maintenance of safety equipment are carried out to ensure their proper functioning.
10	Research Lab	Fire extinguisher is provided close to the Lab. safety instructions are displayed, first aid box is provided in the Lab. ELCB is provided for electrical safety. Fire buckets with sand and water are arranged close to the Lab
11	Electronics Workshop	Fire extinguishers are installed near the laboratory, and safety instructions are clearly displayed for users. A first aid box is available in the lab to handle minor emergencies. An ELCB is provided to ensure electrical safety, and fire buckets filled with sand and water are kept near the laboratory as additional fire safety measures.
12	Electrical Workshop	Fire extinguishers are positioned near the laboratory, and safety instructions are prominently displayed to guide users on safe practices. A first aid kit is available in the lab to address minor injuries and emergencies. An Earth Leakage Circuit Breaker (ELCB) is installed to enhance electrical safety and prevent hazards caused by electrical leakage. Fire buckets containing sand and water are placed near the laboratory as additional fire protection measures. Emergency contact details and general safety guidelines are displayed for easy reference. The laboratory is maintained with adequate ventilation and proper lighting to provide a safe working environment for students and staff. Safety equipment is periodically inspected and maintained to ensure it remains in proper working condition.

D3. Project Laboratory/Research Laboratory

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)	360	18	10	11	57
2024-25(CAYm1)	360	18	10	16	62
2025-26(CAY)	360	18	11	20	71

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	925217	925217	316200	316200	1192593	1192593	353827	353827
Library	0	0	138050	138050	302376	302376	633749	633749
Laboratory equipment	3800515	3800515	2362253	2362253	5877754	5877754	1716353	1716353
Teaching and non-teaching staff salary	245448803	245448803	220623028	220623028	206461352	206461352	206951085	206951085
Outreach Programs	0	0	0	0	0	0	0	0
R&D	0	0	0	0	529677	529677	784000	784000
Training, Placement and Industry linkage	0	0	104589	104589	647873	647873	395322	395322
SDGs	0	0	0	0	0	0	0	0
Entrepreneurship	0	0	0	0	0	0	0	0
Others, specify	0	0	0	0	0	0	0	0
Total	**250174535**	**250174535**	**223544120**	**223544120**	**215011625**	**215011625**	**210834336**	**210834336**

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	760103	760103	472450	472450	1469400	1469400	429080	429080
Software	206494	206494	0	0	191262.71	191262.71	3753427	3753427
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	0	0	0	0	0	0	0	0
R & D	0	0	0	0	132400	132400	196000	196000
Industrial Training, Industry expert, Internship	247702	247702	20900	20900	129575	129575	79060	79060
Miscellaneous Expenses*	90000	81933	8500	8500	168600	168600	69980	69980
Total	**1304299**	**1296232**	**501850**	**501850**	**2091237.71**	**2091237.71**	**4527547**	**4527547**