

**NATIONAL BOARD OF ACCREDITATION**

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

<b>Program Name</b> : Electrical and Electronics Engineering	<b>Discipline</b> : Engineering & Technology
<b>Level</b> : Under Graduate	<b>Tier</b> : 2
<b>Application No</b> : 11576	<b>Date of Submission</b> : 06-02-2026

**PART A- Profile of the Institute**

<b>A1.Name of the Institute</b> : JAIN COLLEGE OF ENGINEERING BELAGAVI	
Year of Establishment : 2010	Location of the Institute: 15796346 74473866
<b>A2. Institute Address</b> :599/2, T. S. Nagar, Hunchanhatti Cross, Machhe, Belagavi - 590014	
City:Belgaum	State:Karnataka
Pin Code:590014	Website:www.jce.ac.in
Email:principal@jainbgm.in	Phone No(with STD Code):0831-2411192
<b>A3. Name and Address of the Affiliating University (if any):</b>	
Name of the University : Visvesvaraya Technological University	City: Belgaum
State : Karnataka	Pin Code: 590014
<b>A4. Type of the Institution</b> : Self-Supported Institute	
<b>A5. Ownership Status</b> : Self financing	

**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	Computer Application	PG	Master in Computer Applications	2011	--	Computer Application
2	Engineering & Technology	UG	Civil Engineering	2010	--	Civil Engineering
3	Engineering & Technology	UG	Computer Science and Engineering	2010	--	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2023	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
5	Engineering & Technology	PG	Construction Technology	2014	--	Civil Engineering
6	Engineering & Technology	UG	Electrical and Electronics Engineering	2010	--	Electrical and Electronics Engineering
7	Engineering & Technology	UG	Electronics & Communication Engineering	2010	--	Electronics and Communication Engineering
8	Engineering & Technology	UG	Mechanical Engineering	2010	--	Mechanical Engineering

9	Engineering & Technology	PG	Power Systems Engineering	2014	2022	Electrical and Electronics Engineering
10	Management	PG	Master of Business Administration	2010	--	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
Civil Engineering	No	Civil Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	UG
Electrical and Electronics Engineering	No	Electrical and Electronics 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
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**PART-B: Program information****B1. Provide the Required Information for the Program Applied For:**

Table No. B1: Program details.

## A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY APPROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Electrical and Electronics Engineering	UG	2010 / --	60	No	NA	60	2010	F.No. South-West/1-44638503086/2025/EOA, Date of Approval: 05-Apr-2025	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	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. Venkatratnam Chitturi
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	35	32	40	44	19	25	31
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	30	16	14	36	23	33
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	3	3	3	2	1	2	1
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	38	65	59	60	56	50	65

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	38	0	63.33
2024-25 (CAYm1)	60	35	0	58.33
2023-24 (CAYm2)	60	43	0	71.67

Average [ (ER1 + ER2 + ER3) / 3 ] = 64.44= 11.00

#### 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).	96.00	81.00	93.00
B=No. of students who graduated from the program in the stipulated course duration	55.00	43.00	58.00
Success Rate (SR)= (B/A) * 100	57.29	53.09	62.37

Average SR of three batches ((SR\_1+ SR\_2+ SR\_3)/3): 57.58

#### 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)	8.50	8.00	7.30
Y=Total no. of successful students	33.00	43.00	44.00
Z=Total no. of students appeared in the examination	33.00	43.00	46.00
API [X*(Y/Z)]	8.50	8.00	6.98

Average API[ (AP1+AP2+AP3)/3 ] : 7.83

#### 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)	6.75	6.30	6.80
Y=Total no. of successful students	58.00	55.00	55.00
Z=Total no. of students appeared in the examination	59.00	58.00	56.00
API [ X * (Y/Z) ]	6.64	5.97	6.68

Average API [ (AP1 + AP2 + AP3)/3 ] : 6.43

**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)	6.07	7.60	8.00
Y=Total no. of successful students	55.00	55.00	44.00
Z=Total no. of students appeared in the examination	55.00	55.00	46.00
API [ X*(Y/Z) ]:	6.07	7.60	7.65

Average API [ (AP1 + AP2 + AP3)/3 ] : 7.11

**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	96.00	83.00	93.00
X=No. of students placed	10.00	22.00	20.00
Y=No. of students admitted to higher studies	1.00	0.00	2.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	11.46	26.51	23.66

Average Placement Index = (P\_1 + P\_2 + P\_3)/3: 20.54 Placement Index Points:

**PART C: Faculty Details in Department and Allied Departments****(Data to be filled in for the Department and Allied Departments)****C1. Faculty details of Department and Allied Departments**

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

Sr.No	Name of the Faculty	PAN No.	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
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1	Dr. Venkatratnam Chitturi	XXXXXXXX43G	Ph.D	UniTEN, Malaysia	Electrical Impedance Tomography	06/11/2023	2.2	Professor	Professor	06/11/2023	Regular	Yes		Yes
2	M. M. Marihal	XXXXXXXX08L	M.Tech	JRN Rajasthan Vidyapith University	Control & Instrumentation	01/07/2023	3.7	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Ashok B Bhajantri	XXXXXXXX17H	M.Tech	VTU Belagavi	VLSI Design	12/09/2024	1.4	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Laxmi Brungi	XXXXXXXX54R	M.Tech	VTU Belagavi	Power System Engineering	22/07/2013	12.6	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Nandaraja H Shadlageri	XXXXXXXX81K	M.Tech	VTU Belagavi	Power System Engineering	15/09/2023	2.4	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Priyanka Kothavale	XXXXXXXX98J	M.Tech	VTU Belagavi	Digital Communication	20/12/2021	4.1	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Dr. Nagaraj Aiholli	XXXXXXXX75M	Ph.D	VTU Belagavi	Hardware Security	23/07/2012	13.6	Assistant Professor	Associate Professor	02/06/2025	Regular	Yes		No
8	Megha S Sankpal	XXXXXXXX31N	M.Tech	VTU Belagavi	Power System Engineering	29/10/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Yogesh Chavadi S	XXXXXXXX64H	M.Tech	VTU Belagavi	Computer Application in Industrial Drives	29/04/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mrugnayani Ghadi	XXXXXXXX31Q	M.Tech	SU Kolhapur	Electrical Power System	26/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Anupama M Karane	XXXXXXXX84C	M.Tech	VTU Belagavi	Micro electronics and Control system	23/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Dr. Vinod S Patil	XXXXXXXX19P	Ph.D	VTU Belagavi	Power Quality Issues in Grid interactive renewable sources Based Integrated Generation for Rural Elec	28/01/2013	11.7	Assistant Professor	Associate Professor	01/11/2022	Regular	No	25/09/2024	No
13	Dr. G H Kulkarni	XXXXXXXX13D	Ph.D	Jawaharlal Nehru Technological University	Artificial Neural Network Application to Power System	13/08/2010	13.9	Professor	Professor	13/08/2010	Regular	No	31/05/2024	No
14	Ashok N Joshi	XXXXXXXX42N	M.E.	Coimbatore Institute of Technology	Applied Electronics	17/06/2022	3.2	Assistant Professor	Assistant Professor		Regular	No	28/08/2025	No
15	Akshata Tanaji Patil	XXXXXXXX54Q	M.Tech	VTU Belagavi	VLSI Design and Embedded System	20/12/2021	2.4	Assistant Professor	Assistant Professor		Regular	No	06/05/2024	No
16	Geeta Hebbal	XXXXXXXX12D	M.Tech	VTU Belagavi	Power System Engineering	04/05/2022	3.3	Assistant Professor	Assistant Professor		Regular	No	22/08/2025	No

17	SHIVANAND KILLEDAR	XXXXXXXX58B	M.Tech	VTU Belagavi	Digital Electronics	01/08/2024	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
18	LAXMIBAI NAROJI	XXXXXXXX50N	M.Tech	VTU Belagavi	Digital Electronics	01/08/2024	1.6	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 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
<b>UG1: Electrical and Electronics Engineering</b>	<b>198</b>	<b>198</b>	<b>198</b>
DS=Total no. of students in all UG and PG programs in the Department	198	198	198
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)	<b>S1= 198</b>	<b>S2= 198</b>	<b>S3= 198</b>
DF=Total no. of faculty members in the Department	13	13	10
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)	<b>F1= 13</b>	<b>F2= 13</b>	<b>F3= 10</b>
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)	<b>SFR1= 18.00</b>	<b>SFR2= 18.00</b>	<b>SFR3= 24.75</b>
Average SFR for 3 years	<b>SFR= 20.25</b>		

**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)	2	11	9.00	17.78
2024-25(CAYm1)	2	11	9.00	17.78
2023-24(CAYm2)	2	8	9.00	14.44

**C4. Faculty Cadre Proportion**

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required =  $1/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:}$ .
- RF2= No. of Associate Professors required =  $2/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:}$ .
- RF3= No. of Assistant Professors required =  $6/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:}$ .
- 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	11.00
2024-25	1.00	1.00	2.00	0.00	6.00	12.00
2023-24	1.00	1.00	2.00	1.00	6.00	8.00
Average	RF1=1.00	AF1=1.00	RF2=2.00	AF2=0.67	RF2=6.00	AF2=10.33

**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	Prof. S B Patil	Assistant Professor	HIT,Nidasoshi (Retd)	Transformers & Generators/LAB	50.00
2	Prof. Ramana Murthy	Assistant Professor	SGBIT,Belagavi (Retd)	Microcontroller	50.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Prof. S B Patil	Assistant Professor	HIT, Nidasoshi (Retd)	Transformers & Generators/LAB	50.00
2	Prof. Ramana Murthy	Assistant Professor	SGBIT,Belagavi(Retd)	Microcontroller	50.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Prof. S B Patil	Assistant Professor	HIT,Nidasoshi (Retd)	Transformers & Generators/LAB	50.00
2	Prof. Ramana Murthy	Assistant Professor	SGBIT,Belagavi (Retd)	Microcontroller	50.00

**C6. Academic Research**

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	1	1	1
2	No. of peer reviewed conference papers published	0	4	1
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)

(CAYm2)

(CAYm3)

**Total Amount (Lacs) Received for the Past 3 Years: NIL****Note\*:**

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

**C8. Consultancy Work**

Table No. C8.1: List of consultancy projects received from external agencies.

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. J Shivakumar	Dr. Venkatratnam C	Electrical and Electronics Engineering	AICTE IDEA LAB	AICTE	2 Years	15.00
						Amount received (Rs.):15.00

(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
						Amount received (Rs.):0

(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
						Amount received (Rs.):0

Total amount (Lacs) received for the past 3 years: 15.00

Note\*:

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

#### C9. Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
					Amount received (Rs.): 0

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
					Amount received (Rs.): 0

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
					Amount received (Rs.): 0

Total amount (Lacs) received for the past 3 years : 0

## 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 Electronics Laboratory	21	CRO, Function generator, DC power Supply, DMM, LCR Meter	6	Mr. Siddaardha Patil	Instructor	BE(EEE)
2	Transformer and Generator laboratory	21	DC Shunt & Compound Generator, DC Shunt & Compound Motors, AC Motor coupled to DC Generator, Synchrous Motor, Synchrous Generator	6	Mr. Moneshri P Jadhav	Assistant Instructor	JOC(Electrical)
3	IC 555 Timer Laboratory	21	Op- amp ICs, CRO, Function generator, DC power Supply, DMM	6	Mr. Siddaardha Patil	Instructor	BE(EEE)
4	Electrical Motors Laboratory	21	DC machines, AC machines, Motor loading arrangement, DC Rectifier 230V 100Amps Unit.	6	Mr. Moneshri P Jadhav	Assistant Instructor	JOC(Electrical)
5	Micro controller Laboratory	21	LCD Display Module, 7 Segment Display Module, ADC Interface Module, Stepper Motor Interface Module, Interface Kits	6	Mr. K M Udakeri	Instructor	Diploma (Electrical)
6	Power Electronics Laboratory	20	SCR Trainer Kit, IGBT & MOSFET Kit, Chopper, Invertor, TRIAC & DIAC Kit, Universal Motor & speed Control Kit, CRO, DMM	6	Mr. Shivaji Patil	Electrician	ITI
7	Digital Signal Processing Laboratory	20	Computers, MATLAB Software	6	Mr. ZuberJina Bale	Instructor	BE(EEE)
8	Control System Laboratory	20	PID Controller Unit, DC Servo Motor, DC Power Supply, LCD Display, Phase Angel Meter with Lead/Lag Indication with Auto Transformer, CRO, Function generator	6	Mr. K M Udakeri	Instructor	Diploma (Electrical)
9	Power System Simulation Laboratory-I	20	Computers, MATLAB Software	6	Mr. Moneshri P Jadhav	Assistant Instructor	JOC(Electrical)
10	Power System Simulation Laboratory-II	20	Computers, MATLAB Software	6	Mr. Moneshri P Jadhav	Assistant Instructor	JOC(Electrical)
11	VHDL Laboratory	20	Computers, software	6	Mr. K M Udakeri	Instructor	Diploma (Electrical)
12	Electric Circuit Analysis Laboratory	21	Experiment kits, Single phase transformer, Single phase & Three Phase loads, Single phase & Three Phase Auto transformer, DC Regulated Power supply	6	Mr. K M Udakeri	Instructor	Diploma (Electrical)
13	Circuit lab using PSpice	21	Computers, MATLAB Software, MiPower	6	Mr. Moneshri P Jadhav	Assistant Instructor	JOC(Electrical)
14	Relay & high voltage Laboratory	21	Transformer oil test kit, High voltage set up, Relay kits	6	Mr. Moneshri P Jadhav	Assistant Instructor	JOC(Electrical)

## D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Analog Electronics laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera

2	Transformer and Generator laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
3	IC 555 Timer Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
4	Electrical Motors Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
5	Micro controller Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
6	Power Electronics Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
7	Digital Signal Processing Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
8	Control System Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
9	Power System Simulation Laboratory-I	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
10	Power System Simulation Laboratory-II	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
11	VHDL Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
12	Electric Circuit Analysis Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera

13	Circuit lab using PSice	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera
14	Relay & high voltage Laboratory	Earthing, First aid box, Fire extinguisher, MCB protection, Rubber mat, CCTV camera

**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.

**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	75245000	71950730	50000000	49096967	4000000	3919302	2200000	2172690
Library	8075600	4392128	7860700	7684736	7956000	7932922	10875800	10475868
Laboratory equipment	9056000	4647900	9020000	8628560	8952400	8250178	9050900	8755972
Teaching and non-teaching staff salary	90524500	85245544	74535000	73039373	80500000	70519234	65500700	63296729
Outreach Programs	16544200	2752830	19803000	19203690	15204700	12903766	24960000	24868125
R&D	5614500	1034981	5414200	5312705	12508400	7398800	9960800	9868388
Training, Placement and Industry linkage	11325000	2886932	11203000	10703076	16995000	16719759	17330800	17133837
SDGs	4658000	302959	4589000	4389910	5492800	4984542	12270500	12171584
Entrepreneurship	4250000	1031136	3820600	3419600	4782800	4479087	2250000	2152000
Others, specify	90107600	47399035	90107600	83997646	78520500	72225277	69500000	68500160

<b>Total</b>	<b>315400400</b>	<b>221644175</b>	<b>276353100</b>	<b>265476263</b>	<b>234912600</b>	<b>209332867</b>	<b>223899500</b>	<b>219395353</b>
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### 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	856000	756000	700000	690285	795600	742516	984500	788037
Software	425000	425620	325000	185680	175200	163500	169000	134850
SDGs	425000	24843	380600	362500	656300	448609	1352400	1217158
Support for faculty development	456800	245000	456000	356600	256300	250300	256400	135460
R & D	985000	84868	756700	665892	500000	425016	954500	888155
Industrial Training, Industry expert, Internship	356500	246000	400000	397971	289500	27746	752000	680750
Miscellaneous Expenses*	950000	845600	800000	785600	756400	654800	654600	618500
<b>Total</b>	<b>4454300</b>	<b>2627931</b>	<b>3818300</b>	<b>3444528</b>	<b>3429300</b>	<b>2712487</b>	<b>5123400</b>	<b>4462910</b>