

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Electrical and Electronics Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 11711	Date of Submission : 23-03-2026

PART A- Profile of the Institute

A1.Name of the Institute : P.V.K.K. INSTITUTE OF TECHNOLOGY	
Year of Establishment : 2008	Location of the Institute: Rudrampeta,
A2. Institute Address :RUDRAMPETA, SANAPA ROAD, ALAMURU (P), ANANTAPUR, ANDHRA PRADESH-515001	
City:Anantpur	State:Andhra Pradesh
Pin Code:515001	Website:www.pvkk.it.ac.in
Email:principal.3n@jntua.ac.in	Phone No(with STD Code):08554-232268
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAP	City: Anantpur
State : Andhra Pradesh	Pin Code: 0
A4. Type of the Institution : Non-Autonomous (Affiliated)	
A5. Ownership Status : Self financing	

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

- No. of UG programs: 8
- No. of PG programs: 7

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	2023	--	Computer Application
2	Engineering & Technology	PG	CAD/CAM	2014	--	Mechanical Engineering
3	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Design	2021	--	Computer Science and Design
5	Engineering & Technology	PG	Computer Science and Engineering	2013	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering	2008	--	Computer Science and Engineering
7	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2024	--	Computer Science and Engineering
8	Engineering & Technology	PG	Digital Electronics & Communication Systems	2012	--	Electronics and Communication Engineering

9	Engineering & Technology	UG	Electrical and Electronics Engineering	2008	--	Electrical and Electronics Engineering
10	Engineering & Technology	PG	Electrical Power Systems	2012	--	Electrical and Electronics Engineering
11	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2008	--	Electronics and Communication Engineering
12	Engineering & Technology	UG	Information Technology	2008	2009	Information Technology
13	Engineering & Technology	UG	Mechanical Engineering	2010	--	Mechanical Engineering
14	Engineering & Technology	PG	Structural Engineering	2013	--	Civil Engineering
15	Management	PG	Master of Business Administration	2009	--	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
Electrical and Electronics Engineering	No	Electrical and Electronics Engineering	UG
Computer Science and Engineering	Yes	Computer Science and 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 ACCREDITED	PROGRAM DURATION
1	Electrical and Electronics Engineering	UG	2008 / --	60	Yes	2019	60	2019	South-Central/1-44642707383/2025/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2025	1	4

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/ DECREASE INTAKE (if any)	YEAR OF INCREASE/ DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY ARROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
Sanctioned Intake for Last Five Years for the Electrical Power Systems														
Academic Year			Sanctioned Intake											
2025-26			60											
2024-25			60											
2023-24			60											
2022-23			60											
2021-22			60											
2020-21			60											

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. K SUDARSAN
B. Nature of appointment:	Regular
C. Qualification:	M.Tech and Ph.D.

B3. Program Details

Table No.B3.1: Admission details for the program excluding those admitted through multiple entry and exit points.

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE / Competent authority)	60	60	60	60	60	60	54
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	46	60	35	38	50	55	33
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	9	37	32	15	11	28
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	0	2	6	4	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	49	72	72	72	71	70	61

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]
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2025-26 (CAY)	60	46	3	81.67
2024-25 (CAYm1)	60	60	3	105.00
2023-24 (CAYm2)	60	35	0	58.33

Average $[(ER1 + ER2 + ER3) / 3] = 81.67 \approx 17.00$

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).	75.00	71.00	82.00
B=No. of students who graduated from the program in the stipulated course duration	50.00	47.00	52.00
Success Rate (SR)= (B/A) * 100	66.67	66.20	63.41

Average SR of three batches $((SR_1 + SR_2 + SR_3)/3)$: 65.43

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)	6.90	6.86	7.31
Y=Total no. of successful students	62.00	34.00	39.00
Z=Total no. of students appeared in the examination	63.00	35.00	40.00
API $[X*(Y/Z)]$	6.79	6.66	7.13

Average API $[(AP1+AP2+AP3)/3]$: 6.86

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)	6.42	6.62	6.74
Y=Total no. of successful students	69.00	70.00	66.00
Z=Total no. of students appeared in the examination	71.00	71.00	67.00
API $[X * (Y/Z)]$	6.24	6.53	6.64

Average API $[(AP1 + AP2 + AP3)/3]$: 6.47

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)	6.17	6.46	6.78
Y=Total no. of successful students	68.00	64.00	61.00
Z=Total no. of students appeared in the examination	70.00	66.00	62.00

API [X*(Y/Z)]:	5.99	6.26	6.67
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Average API [(AP1 + AP2 + AP3)/3] : 6.31

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	75.00	71.00	82.00
X=No. of students placed	41.00	37.00	40.00
Y=No. of students admitted to higher studies	6.00	7.00	4.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	62.67	61.97	53.66

Average Placement Index = (P_1 + P_2 + P_3)/3: 59.43 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	Dr. K SUDARSAN	XXXXXXXX78E	M.Tech and Ph.D.	JNTUA	ELECTRICAL ENGINEERING	01/08/2024	1.7	Associate Professor	Associate Professor	01/08/2024	Regular	Yes		Yes
2	Dr G SREENIVASAN	XXXXXXXX04K	M.Tech and Ph.D.	JNTUK	ELECTRICAL AND ELECTRONICS ENGINEERING	01/06/2019	6.9	Professor	Professor	01/06/2019	Regular	Yes		No
3	Dr L DEVI	XXXXXXXX26K	M.Tech and Ph.D.	JNTUK	ELECTRICAL ENGINEERING	19/06/2019	5.11	Professor	Professor	19/06/2019	Regular	No	31/05/2025	No
4	Dr K NAGARAJU	XXXXXXXX54C	M.Tech and Ph.D.	JNTUK	ELECTRICAL AND ELECTRONICS ENGINEERING	06/07/2019	4.10	Professor	Professor	06/07/2019	Regular	No	10/05/2024	No
5	Dr VENKATASIVANAGARAJU S	XXXXXXXX22A	M.Tech and Ph.D.	JNTUA	ELECTRICAL ENGINEERING	14/09/2016	9.6	Associate Professor	Associate Professor	14/09/2016	Regular	Yes		No

6	Dr BESTA HARIPRASAD	XXXXXXXX86K	M.Tech and Ph.D.	JNTUA	ELECTRICAL ENGINEERING	16/12/2013	12.3	Assistant Professor	Associate Professor	01/05/2024	Regular	Yes		No
7	Dr N V VINAY KUMAR	XXXXXXXX52G	M.Tech and Ph.D.	SVU	ELECTRICAL AND ELECTRONICS ENGINEERING	04/12/2023	2.3	Assistant Professor	Assistant Professor		Regular	Yes		No
8	D MAHESH KUMAR	XXXXXXXX78G	M.Tech	JNTUA	POWER AND INDUSTRIAL DRIVES	11/12/2017	8.3	Assistant Professor	Assistant Professor		Regular	Yes		No
9	V RAMU	XXXXXXXX25A	M.Tech	JNTUA	POWER ELECTRONICS	17/06/2019	6.9	Assistant Professor	Assistant Professor		Regular	Yes		No
10	K SABITHA	XXXXXXXX29C	M.Tech	JNTUA	ELECTRICAL POWER ENGINEERING	04/02/2019	5.2	Assistant Professor	Assistant Professor		Regular	No	02/05/2024	No
11	P ANIL KUMAR	XXXXXXXX05L	M.Tech	JNTUH	ELECTRICAL POWER SYSTEMS	02/12/2019	6.3	Assistant Professor	Assistant Professor		Regular	Yes		No
12	D SRINIVAS	XXXXXXXX73J	M.Tech	JNTUA	ELECTRICAL POWER SYSTEMS	01/07/2019	4.10	Assistant Professor	Assistant Professor		Regular	No	14/05/2024	No
13	M SURESH KUMAR	XXXXXXXX75G	M.Tech	JNTUA	ENERGY SYSTEMS	27/07/2012	12.10	Assistant Professor	Assistant Professor		Regular	No	31/05/2025	No
14	ERUKALA NAGABHUSHANA	XXXXXXXX18C	M.Tech	JNTUA	ENERGY SYSTEMS	20/06/2020	5.8	Assistant Professor	Assistant Professor		Regular	Yes		No
15	V V GAYATHRI	XXXXXXXX60J	M.Tech	JNTUA	ELECTRICAL POWER SYSTEMS	27/08/2016	9.6	Assistant Professor	Assistant Professor		Regular	Yes		No
16	K S SANTHOSH	XXXXXXXX31D	M.Tech	JNTUA	ELECTRICAL POWER SYSTEMS	11/12/2017	6.5	Assistant Professor	Assistant Professor		Regular	No	20/05/2024	No
17	S SUPRIYA	XXXXXXXX94J	M.Tech	JNTUA	ELECTRICAL POWER SYSTEMS	01/06/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
18	V SURYA PRAKASH	XXXXXXXX56H	M.Tech	JNTUA	ELECTRICAL POWER SYSTEMS	03/03/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
19	M V PAVAN KUMAR	XXXXXXXX22P	M.Tech	JNTUA	POWER AND INDUSTRIAL DRIVES	19/03/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
20	G V PRASHANTHI	XXXXXXXX27G	M.Tech	JNTUH	POWER ELECTRONICS	25/08/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
21	S BHAVANA	XXXXXXXX58P	M.Tech	JNTUA	ELECTRICAL POWER SYSTEMS	03/06/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No

22	Y KULLAI REDDY	XXXXXXXX71N	M.Tech	JNTUA	POWER ELECTRONICS AND DRIVES	10/06/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Y D KEERTHI	XXXXXXXX66L	M.Tech	JNTUA	ELECTRICAL POWER SYSTEMS	06/07/2024	1.8	Assistant Professor	Assistant Professor		Regular	Yes		No
24	S IMRAN	XXXXXXXX95D	M.Tech	JNTUA	ELECTRICAL POWER SYSTEMS	10/06/2024	1.9	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
UG1: Electrical and Electronics Engineering	198	198	198
PG1.A	24	24	24
PG1.B	24	24	24
PG1: Electrical Power Systems	48	48	48
DS=Total no. of students in all UG and PG programs in the Department	246	246	246
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= 246	S2= 246	S3= 246
DF=Total no. of faculty members in the Department	18	18	16
AF= Total no. of faculty members in the allied Departments	0	0	0

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 18	F2= 18	F3= 16
FF=The faculty members in F who have a 100% teaching load in the first-year courses	3	3	2
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 16.40	SFR2= 16.40	SFR3= 17.57
Average SFR for 3 years	SFR= 16.79		

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)	5	13	12.00	21.25
2024-25(CAYm1)	4	14	12.00	20.00
2023-24(CAYm2)	3	13	12.00	17.08

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	3.00	8.00	14.00
2024-25	1.00	2.00	2.00	2.00	8.00	14.00
2023-24	1.00	3.00	2.00	0.00	8.00	13.00
Average	RF1=1.00	AF1=2.00	RF2=2.00	AF2=1.67	RF2=8.00	AF2=13.67

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	B.Gururaj	Software Control Engineer	American Axle Manufacturing India pvt Ltd	Switch Gear Protection	25.00
2	B.Gururaj	Software Control Engineer	American Axle Manufacturing India pvt Ltd	HVDC and FACTS	25.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	B.Venkata Ramana	Deputy Executive Engineer	APTRANSCO, Anantapur	Power System Architecture	25.00
2	B.Venkata Ramana	Deputy Executive Engineer	APTRANSCO, Anantapur	Power System Analysis	25.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	B.Venkata Ramana	Deputy Executive Engineer	APTRANSCO, Anantapur	Electrical Distribution System Analysis and Automation	25.00
2	B.Venkata Ramana	Deputy Executive Engineer	APTRANSCO, Anantapur	Power System Protection	25.00

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	17	20	8
2	No. of peer reviewed conference papers published	3	2	0
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.B Hari Prasad	Dr. G Sreenivasan	Department of EEE	Anti Islanding Detection	Pebians Pvt. Limited, HYD	2 years	2.50
						Amount received (Rs.):2.50

(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.S V Sivanagaraju	Dr. G Sreenivasan	Department of EEE	Battery Management system with thermal & Chemical Monitoring for LI Batteries	Pebians Pvt. Limited, HYD	2 years	1.50
						Amount received (Rs.):1.50

(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. L devi	Dr. Nagaraju	Department of EEE	Thermal Image Analysis for Faulty Solar Pannels	Pebians Pvt. Limited, HYD	1.5 years	2.50
						Amount received (Rs.):2.50

Total Amount (Lacs) Received for the Past 3 Years: 6.50

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.Bandi Ramesh Babu	Dr.G.sreenivasan	EEE	Online Examinations	SAN PRINTS	1 Year	48781.00
						Amount received (Rs.):48781.00

(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.Bandi Ramesh Babu	Dr.G.sreenivasan	EEE	Online Examinations	SAN PRINTS	1 Year	74350.00
						Amount received (Rs.):74350.00

(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.Bandi Ramesh Babu	Dr.G.sreenivasan	EEE	Online Examinations	SAN PRINTS	1 Year	28898.00
						Amount received (Rs.):28898.00

Total amount (Lacs) received for the past 3 years: 152029.00

Note*:

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

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

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

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. S V Sivanagaraju	IOT Based Smart Energy Meter	1 year	2.00	1.00	Concept of smart energy meter is developed, Review of literature about IOT techniques
			Amount received (Rs.): 2.00		

(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
Dr.L.Devi	AI driven electric load classification in smart Houses	1 year	1.50	1.50	Load forecasting development, concept of smart rooms, Development of AI Technologies for Electric load forecasting in smart rooms
			Amount received (Rs.): 1.50		

(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
Dr. Nagaraju	Design and Monitoring of rooftop solay system at PVKKIT using IOT	1 year	1.50	1.50	Analzyation of electric bill of total PVKKIT building,Auditing, Planning and designing of rooftop solar power systems for PVKKIT.
			Amount received (Rs.): 1.50		

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

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	Power Systems Analysis Lab	33	1.IDMT CHARACTERISTICS OF OVER CURRENT RELAY 2.MICRO CONTROLLER BASED SEQUENCE OF TEST SETUP A MICRO	R-20 Even S	B. Sharath Kumar	Lab Technician	Diploma
2	Induction and Synchronous Machines Lab	33	Rectifier Unit DC 100A Shunt motor coupled with DC shunt Generator DC shunt Motor with loading	Odd Semester	C.Chandra Sekhar	Lab Technician	Diploma
3	Control Systems	30	Linear System Simulator Trainer Kit Synchro Transmitter – Receiver Trainer Kit DC Servo Motor Characteristics PID Controller Study System Trainer	Even Semester	B.Lakshman	Lab Technician	Diploma
4	Electrical Measurements and Instrumentation Lab	36	Single Phase Energy Meter Moving Iron Ammeters (0-10A) MI Ammeters (0-5A/10A) Moving Iron Voltmeter Single Phase Power Factor Meter	R-23 Even Sem	K..Iliyaz Khan	Lab Technician	Diploma
5	Electrical Circuit Analysis-II and Simulation Lab	30	Series & Parallel Resonance Kit Electronic Trainer Kit Miller Sweep Generator Regulated Power Supply Digital Hand Held Multi meter Decade Resistance	R-24 Odd Sem	M. Naseer Hussian Sah	Lab Technician	I.T.I
6	Power Electronics Lab	32	SCR, MOSFET, IGBT Trainer Kit SCR Firing Circuit Trainer Kit Single Phase Half Controlled Bridge Converter Power Circuit Trainer Kit Single Phase Full	R-23 Odd Sem	B.sharath Kumar	Lab Technician	Diploma

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Power Electronics Lab	Fire extinguishers are installed at appropriate locations for emergency use. Safety instructions and guidelines are displayed clearly within the laboratory. Faculty verify all experiment connections before students begin work. The lab is well-ventilated and includes an emergency exit for fire safety. Students are required to wear aprons and shoes while working in the lab.
2	Control Systems Lab	The lab is well-ventilated and equipped with an emergency exit. Fire extinguishers are positioned at key points. - Faculty check all connections prior to the start of experiments. Students are instructed to wear protective aprons and shoes. Safety guidelines are displayed at visible locations throughout the lab.
3	Electrical Measurements and Instrumentation Lab	Fire extinguishers are available at appropriate places for emergencies. Safety instructions are displayed for student awareness. Experiment connections are inspected by faculty before execution. The lab has good ventilation and an emergency exit. Students are advised to wear aprons and shoes.
4	Electrical Circuit Analysis Lab	The lab is well-ventilated and includes an emergency exit. Fire extinguishers are placed in accessible locations. Faculty verify experiment connections before student operation. Students must wear aprons and shoes. Safety precautions are displayed clearly in the laboratory.
5	Simulation Lab	Fire extinguishers are provided at appropriate points in the lab. Safety guidelines are displayed for awareness. The lab is well-ventilated and has an emergency exit.
6	Project Work Lab	Fire extinguishers are placed at suitable locations. Safety instructions are displayed prominently. The lab is well-ventilated and includes an emergency exit.
7	Induction and Synchronous Machines Lab	The lab is well-ventilated and has an emergency exit. Fire extinguishers and sand buckets are placed at strategic points. Faculty verify experiment connections before students begin. Students are advised to wear aprons and shoes. Safety guidelines are clearly displayed within the lab.
8	Power Systems Analysis Lab	Fire extinguishers are available for emergency use. Safety precautions are displayed at appropriate locations. Faculty check all connections before experiments. The lab is well-ventilated and includes an emergency exit. Students are instructed to wear aprons and shoes.

D3. Project Laboratory/Research Laboratory

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PART E: First Year faculty and financial Resources
(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8)+(NS2*0.2))/(No. of required faculty (RF4)); Percentage=((NS1*0.8)+(NS2*0.2))/RF
2023-24(CAYm2)	480	24	22	20	90
2024-25(CAYm1)	840	42	32	22	71
2025-26(CAY)	840	42	40	27	89

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	3500000	3344694	4200000	3970172	9000000	8544247	7500000	7317975
Library	1600000	1503753	1400000	1332343	1200000	1183757	1200000	1105478
Laboratory equipment	9700000	9674991	7700000	7348075	6000000	5535637	1450000	1291671
Teaching and non-teaching staff salary	157500000	154531703	140000000	134987227	100000000	97286777	95000000	93558300
Outreach Programs	2300000	2212375	1100000	1002340	900000	855770	1800000	1716821
R&D	2200000	2176335	1600000	1543568	1500000	1383000	1300000	1276850
Training, Placement and Industry linkage	4100000	4008484	2500000	2397997	2200000	2105065	3200000	3084914
SDGs	14500000	14324112	12000000	11682300	9000000	8549721	7100000	6935651
Entrepreneurship	350000	334500	300000	267300	300000	272500	400000	382500
Others, specify	70150000	69067799	67800000	64993970	60900000	59217233	43700000	39997987
Total	265900000	261178746	238600000	229525292	191000000	184933707	162650000	156668147

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	480000	477100	425000	380747	380000	335730	135000	126101
Software	0	0	0	0	0	0	0	0
SDGs	750000	737600	650000	632800	550000	521300	450000	440800
Support for faculty development	70000	66550	100000	93550	40000	37200	30000	29300
R & D	100000	97950	80000	79980	100000	83870	200000	196850
Industrial Training, Industry expert, Internship	300000	291300	250000	212330	260000	243970	250000	246500
Miscellaneous Expenses*	50000	47500	50000	45800	20000	18994	30000	28750
Total	1750000	1718000	1555000	1445207	1350000	1241064	1095000	1068301