NATIONAL BOARD OF ACCREDITATION

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

Note: To save Data Capturing Points as PDF Please click on print button and select destination as 'Save as PDF'. PLEASE SELECT LANDSCAPE MODE.

Program Name : Electrical & Electronics Engineering	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 1
Application No: 10915	**Date of Submission**: 31-07-2025

PART A- Profile of the Institute

A1.Name of the Institute: SRI VASAVI ENGINEERING COLLEGE	
Year of Establishment : 2001	Location of the Institute: TADEPALLIGUDEM
A2. Institute Address:SRI VASAVI ENGINEERING COLLEGE	
City:PEDATADEPALLI, TADEPALLIGUDEM	State:Andhra Pradesh
Pin Code:534101	Website:www.srivasaviengg.ac.in
Email:SVEC.A8@GMAIL.COM	Phone No(with STD Code):08818-284355
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA	City: West Godavari
State : Andhra Pradesh	Pin Code: 534101
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: State Government	

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

- No. of UG programs: **10**
- No. of PG programs: **5**

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 Machine Learning	2021	--	Artificial Intelligence and Machine Learning
2	Engineering & Technology	UG	Civil Engineering	2011	--	Civil Engineering
3	Engineering & Technology	PG	Computer Science	2021	--	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science & Technology	2019	--	Computer Science and Technology
5	Engineering & Technology	UG	Computer Science and Engineering	2001	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence)	2021	--	Computer Science and Engineering (Artificial Intelligence)
7	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2024	--	Computer Science and Engineering (Data Science)
8	Engineering & Technology	UG	Electrical and Electronics Engineering	2002	--	Electrical and Electronics Engineering
9	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
10	Engineering & Technology	UG	Electronics & Communication Technology	2019	--	Electronics and Communication Technology
11	Engineering & Technology	PG	Embedded System & VLSI	2019	--	Electronics and Communication Engineering
12	Engineering & Technology	UG	Mechanical Engineering	2010	--	Mechanical Engineering

13	Engineering & Technology	PG	Power Electronics & Power Systems	2021	--	Electrical and Electronics Engineering
14	Engineering & Technology	PG	Structural Engineering	2016	2024	Civil Engineering
15	Engineering & Technology	PG	Thermal Engineering	2021	--	Mechanical 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
Mechanical Engineering	No	Mechanical Engineering	UG
Electronics and Communication Engineering	Yes	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:
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. Sudha Rani Donepudi
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)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2020-21 (CAYm4)	2019-20 (CAYm5)	2018-19 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	90	90	90	120	120	120	120
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	81	85	81	93	89	47	49
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	12	18	38	26	61	79
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	8	9	9	11	5	0	1
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	89	106	108	142	120	108	129

CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4. Enrolment Ratio in the First Year

Table No. B4.1: Student enrolment ratio in the 1st year.

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2024-25 (CAY)	90	81	8	98.89
2023-24 (CAYm1)	90	85	9	104.44
2022-23 (CAYm2)	90	81	9	100.00

Average [(ER1 + ER2 + ER3) / 3] = 101.11≡ 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	(2020-21) LYG	(2019-20) LYGm1	(2018-19) 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).	146.00	181.00	199.00
B=No. of students who graduated from the program in the stipulated course duration	128.00	107.00	118.00
Success Rate (SR)= (B/A) * 100	87.67	59.12	59.30

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 68.70

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(2023-24)	CAYm2(2022-23)	CAYm3 (2021-22)
Mean of CGPA or mean percentage of all successful students(X)	6.03	6.60	7.32
Y=Total no. of successful students	86.00	91.00	104.00
Z=Total no. of students appeared in the examination	89.00	91.00	106.00
API [X*(Y/Z)]	5.83	6.60	7.18

Average API[(AP1+AP2+AP3)/3] : 6.54

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 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
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)	6.51	6.82	6.58
Y=Total no. of successful students	107.00	138.00	130.00
Z=Total no. of students appeared in the examination	107.00	139.00	115.00
API [X * (Y/Z)]	6.51	6.77	7.44

Average API [(AP1 + AP2 + AP3)/3] : 6.91

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 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
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)	7.25	7.83	7.50
Y=Total no. of successful students	138.00	130.00	107.00
Z=Total no. of students appeared in the examination	138.00	130.00	107.00
API [X*(Y/Z)]:	7.29	7.79	7.50

Average API [(AP1 + AP2 + AP3)/3] : 7.53

B9. Placement, Higher Studies, and Entrepreneurship

Table No.B9.1: Placement, higher studies, and entrepreneurship details.

Item	LYG (2020-21)	LYGm1(2019-20)	LYGm2(2018-19)
FS*=Total no. of final year students	146.00	181.00	199.00
X=No. of students placed	80.00	84.00	98.00
Y=No. of students admitted to higher studies	2.00	5.00	6.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00

Placement Index(P) = (((X + Y + Z)/FS) * 100):	56.16	49.17	52.26

Average Placement Index = (P_1 + P_2 + P_3)/3: 52.53 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
1	Dr. Ch. Rambabu	XXXXXXX24F	XXXXXXXXXXXXX.D.	JNTUK	POWER SYSTEMS	29/12/2005	19.	Associate Professor	Professor	02/02/2015
2	Dr. Sudha Rani Donepudi	XXXXXXX50H	Ph.D	NITW	POWER SYSTEMS	03/08/2017	8	Associate Professor	Professor	01/04/2021
3	Dr. Anilkumar Chappa	XXXXXXX55R	Ph.D	NIT Raipur	POWER ELECTRONICS	08/11/2021	3.8	Assistant Professor	Associate Professor	15/11/2022
4	Mr. U. Chandra Rao	XXXXXXX45M	M.Tech	JNTUK	HIGH VOLTAGE ENGINEERING	28/06/2006	19.1	Assistant Professor	Assistant Professor	
5	Mr. N. Sri Harish	XXXXXXX14E	M.Tech	JNTUK	EMBEDED SYSTEMS	26/06/2006	18	Assistant Professor	Assistant Professor	
6	Mr. Ch. V.S.R. Gopala Krishna	XXXXXXX89F	M.Tech	JNTUK	HIGH VOLTAGE ENGINEERING	23/06/2007	18.1	Assistant Professor	Assistant Professor	
7	Mr. K. Ramesh Babu	XXXXXXX77R	M.Tech	JNTUH	POWER ELECTRONICS & DRIVES	07/06/2010	14	Assistant Professor	Assistant Professor	
8	Mr. K. Suresh	XXXXXXX92E	M.Tech	JNTUK	POWER ELECTRONICS & DRIVES	10/06/2013	11	Assistant Professor	Assistant Professor	
9	Mr. M.T.V.L. Ravi Kumar	XXXXXXX87R	M.Tech	JNTUH	POWER ELECTRONICS	02/06/2014	10	Assistant Professor	Assistant Professor	
10	Mr. Chandra Babu Guttikonda	XXXXXXX95D	M.Tech	JNTUK	POWER ELECTRONICS	02/06/2014	11.1	Assistant Professor	Assistant Professor	
11	Mr. G. MadhuSagarBabu	XXXXXXX94H	M.Tech	JNTUK	POWER ELECTRONICS	04/06/2014	10	Assistant Professor	Assistant Professor	
12	Mr. G. Govardhan	XXXXXXX83C	M.Tech	NIT CALICUT	POWER SYSTEMS	08/06/2015	8.6	Assistant Professor	Assistant Professor	
13	Mr. A. Uma Siva Naga Prasad	XXXXXXX73D	M.Tech	ANU	POWER SYSTEMS	03/06/2016	8	Assistant Professor	Assistant Professor	
14	Mr. N. Madhusudhan Reddy	XXXXXXX38J	M.Tech	JNTUA	POWER ELECTRONICS & ELECTRICAL DRIVES	18/11/2019	5	Assistant Professor	Assistant Professor	
15	Mr. V.S. Aditya	XXXXXXX42N	M.E.	ANDHRA UNIVERSITY	CONTROL SYSTEMS	29/01/2020	5	Assistant Professor	Assistant Professor	
16	Mr. S. Krishna	XXXXXXX00J	M.Tech	JNTUK	POWER ELECTRONICS	29/01/2020	4	Lecturer	Assistant Professor	
17	Mr. M. M. Swami Naidu	XXXXXXX87N	M.Tech	JNTUH	POWER ELECTRONICS	04/12/2020	2.7	Assistant Professor	Assistant Professor	
18	Ms. G. JajiSudha	XXXXXXX45R	M.Tech	JNTUK	POWER ELECTRONICS	18/11/2021	3.8	Assistant Professor	Assistant Professor	

19	Mr. N. Sankar	XXXXXXX91H	M.Tech	JNTUK	POWER ELECTRONICS & DRIVES	07/02/2022	2	Assistant Professor	Assistant Professor	
20	Dr. E. Naga VenkataDurgaVara Prasad	XXXXXXX55B	Ph.D	SIKSHA 'O' ANUSANDHAN	POWER SYSTEMS	24/06/2022	2	Assistant Professor	Assistant Professor	
21	Mr. D. Dhana Prasad	XXXXXXX66R	M.Tech	JNTUK	POWER & INDUSTRIAL DRIVES	05/07/2022	2	Assistant Professor	Assistant Professor	
22	Ms. B. Rajitha	XXXXXXX91H	M.E.	ANDHRA UNIVERSITY	POWER SYSTEM & AUTOMATION	13/07/2022	2	Assistant Professor	Assistant Professor	
23	Mr. Y. Suresh Babu	XXXXXXX50D	M.Tech	JNTUK	POWER SYSTEM CONTROL & AUTOMATION	01/07/2023	2	Lecturer	Assistant Professor	
24	Ms. Sk. Shameera Begum	XXXXXXX37B	M.Tech	JNTUK	POWER SYSTEM & AUTOMATION	22/01/2024	1	Assistant Professor	Assistant Professor	
25	Mr. K. Sri Kashyap	XXXXXXX14G	M.E.	Amrita Vishwa Vidyapeetham	POWER ELECTRONICS & DRIVES	16/02/2024	1.2	Assistant Professor	Assistant Professor	
26	Dr. D.J. Krishna Kishore	XXXXXXX23J	Ph.D	MALAYSIA PAHANG AI-SULTHAN ABDULLAH	POWER ELECTRONICS	06/07/2024	0.6	Assistant Professor	Assistant Professor	
27	Mr. Jewaliddinshaik	XXXXXXX37F	M.Tech	JNTUK	POWER ELECTRONICS	01/08/2024	0.11	Assistant Professor	Assistant Professor	
28	Mr. Ramanarayana Vemana	XXXXXXX20P	M.Tech	JNTUK	POWER SYSTEMS	02/06/2014	11.2	Assistant Professor	Assistant Professor	
29	Durga R Ch. Nookesh	XXXXXXX86F	M.Tech	JNTUK	POWER ELECTRONICS	10/11/2021	2.7	Assistant Professor	Assistant Professor	
30	Chodagam Srinivas	XXXXXXX92G	M.Tech	JNTUK	POWER SYSTEM CONTROL & AUTOMATION	25/11/2020	2.6	Assistant Professor	Assistant Professor	
31	Moulali Shaik	XXXXXXX69B	M.E.	Vignan's University	POWER ELECTRONICS & DRIVES	28/02/2022	3.5	Assistant Professor	Assistant Professor	
32	Satya Venkata Kishore P	XXXXXXX21K	Ph.D	NIT ANDHRA PRADESH	POWER ELECTRONICS	14/07/2022	1.1	Assistant Professor	Assistant Professor	

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(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	99	99	132
UG1.C	99	132	132
UG1.D	132	132	132
UG1: Electrical and Electronics Engineering	**330**	**363**	**396**
PG1.A	6	6	6
PG1.B	6	6	6
PG1: Power Electronics & Power Systems	**12**	**12**	**12**
DS=Total no. of students in all UG and PG programs in the Department	342	375	408
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=** 342	**S2=** 375	**S3=** 408
DF=Total no. of faculty members in the Department	27	24	27
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=** 27	**F2=** 24	**F3=** 27
FF=The faculty members in F who have a 100% teaching load in the first-year courses	3	3	3
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 14.25**	**SFR2= 17.86**	**SFR3= 17.00**
Average SFR for 3 years	**SFR= 16.37**		

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)]
2024-25(CAY)	5	22	17.00	20.29
2023-24(CAYm1)	4	20	18.00	16.67
2022-23(CAYm2)	4	23	20.00	16.50

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
2024-25	1.00	2.00	3.00	1.00	11.00	24.00
2023-24	2.00	2.00	4.00	1.00	12.00	21.00
2022-23	2.00	2.00	4.00	0.00	13.00	25.00
Average	RF1=1.67	AF1=2.00	RF2=3.67	AF2=0.67	RF2=12.00	AF2=23.33

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	Er. Ch. Vinay Kumar	ADE	APEPDCL	Electrical Distribution Systems	26.00
2	Er. Ch. Vinay Kumar	ADE	APEPDCL	Switchgear and Protection	28.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	BNVRC Suresh Kumar	AGM(Retd.)	Power Grid Corporation Of India Limited	Utilization of Electrical Energy	24.00
2	BNVRC Suresh Kumar	AGM(Retd.)	Power Grid Corporation Of India Limited	Electrical Power Generation and Transmission	26.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	BNVRC Suresh Kumar	AGM(Retd.)	Power Grid Corporation Of India Limited	Switchgear and Protection	27.00
2	BNVRC Suresh Kumar	AGM(Retd.)	Power Grid Corporation Of India Limited	Electrical Power Generation and Distribution	24.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
1	No. of peer reviewed journal papers published	9	12	6
2	No. of peer reviewed conference papers published	2	9	2
3	No. of books/book chapters published	0	0	2

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.D.Sudha Rani	Mr.V.S.Aditya	Electrical And Electronics Engineering	Rooftop Solar power plant Layout Designing	Godavari Consultancy	1 year	1.50
Dr.D.Sudha Rani	N. Sri Harish	Electrical And Electronics Engineering	Drone Technology for Farming	Alluri Seeta Rama Raju Spices & Horticulture Producer Company Limited	10 Months	0.71
Dr.D.Sudha Rani	Mr.V.S.Aditya	Electrical And Electronics Engineering	Solar Layout Designing	Finch Power private Limited	1 year	0.90
Dr.D.Sudha Rani	S. Krishna	Electrical And Electronics Engineering	Electrical Wiring design & Safety preventions	Godavari Consultancy	2 Months	0.20
Dr.D.Sudha Rani	Mr.V.S.Aditya	Electrical And Electronics Engineering	Rooftop Solar power plant Layout Designing	Finch Power private Limited	8 Months	1.00
						Amount received (Rs.):4.31

(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.D.Sudha Rani	N. Sri Harish	Electrical and Electronics Engineering	Solar tree power plant design and maintainance	Alluri Seeta Rama Raju Spices & Horticulture Producer Company Limited	18 Months	1.30
Dr.D.Sudha Rani	Mr.V.S.Aditya	Electrical and Electronics Engineering	Rooftop Solar power plant Layout Designing	Godavari Consultancy	24 Months	1.17
Dr.D.Sudha Rani	S. Krishna	Electrical and Electronics Engineering	Electrical Wiring design & Safety preventions	Godavari Consultancy	3 Months	0.28
Dr.D.Sudha Rani	Mr.V.S.Aditya	Electrical and Electronics Engineering	Solar Layout Designing	Finch Power private Limited	6 Months	0.50
						Amount received (Rs.):3.25

(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.D.Sudha Rani	Mr.V.S.Aditya	Electrical and Electronics Engineering	Rooftop Solar power plant Layout Designing	Godavari Consultancy	6 Months	0.38
Dr.D.Sudha Rani	S.Krishna	Electrical and Electronics Engineering	Electrical Wiring design & Safety preventions	Godavari Consultancy	2 Months	0.15
Dr.D.Sudha Rani	S.Krishna	Electrical and Electronics Engineering	Electrical Wiring design & Safety preventions	Finch Power private Limited	2 Months	0.11
						Amount received (Rs.):0.64

Total amount (Lacs) received for the past 3 years: 8.20

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. Ch. Rambabu	College power load monitoring system	6 Months	1.32	1.32	To monitor the entire power consption of the institute
			Amount received (Rs.): 1.32		

(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. AnilKumar Chappa	Development of Reduced Device Multilevel Inverter Topology	6 months	5.08	5.08	1. M.Tech Project 2. conference paper Published 3. Ph.D. work in progress
			Amount received (Rs.): 5.08		

(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 : 6.40

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	Electrical Machines –I Laboratory	3	Rectifier Unit (220V/100A) DC shunt motor (5HP,220V,1500 rpm)coupled	12hours/week/	M. Ayyappa	Technician	B.Tech
2	Electrical Machines -II Laboratory	3	AC 3-Phase (Squirrel Cage) Induction Motor (3HP,415V,4.5A) with	12hours/week/	M. Ayyappa	Technician	B.Tech
3	Electrical Measurements Laboratory	3	1-Phase energy meter Crompton DC potentiometer Sensitive	12hours/week/	Y. Nokkaratnai	Technician	B.Tech
4	Electrical Circuits Laboratory/ Electrical	3	Rectifier Unit (220 V, 100 A) DC shunt motor (3HP,220V,1500rpm)	36hours/week/	G. JithendraBa	Technician	B.Tech
5	Control Systems Laboratory	3	Linear system simulator DC motor study unit Characteristics of magnetic	12hours/week/	Y. Nokkaratnai	Technician	B.Tech
6	Power Systems Laboratory	3	DC shunt Motor coupled with 3-phase Alternator 3.5 KVA Desktop	12hours/week/	K.V. Subrahma	Technician	Diploma
7	Power Electronics Laboratory	3	Static characteristics of SCR, MOSFET & IGBT 1-ϕ AC Voltage	12hours/week/	K. Pavan Kum	Technician	B.Tech
8	Simulation Laboratory	1	Desktop Systems with required software MATLAB OrCAD PLC	40hours/week/	M.V.S. Bangar	Technician	B.Tech
9	EEE Workshop Laboratory	5	Basic Electronics Trainer kit Logic Gates using ICs Trainer kit. (Boolean	36hours/week/	Sorapalli Veer	Technician	B.Tech

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures

1	Electrical Machines – I Laboratory	• Do's and don'ts for students are displayed. • Specific safety precautions for students are displayed. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Damaged equipment is isolated from the working equipment. • Use of cell phones is strictly prohibited. • Students are allowed to laboratory only with shoe. • Girl students are allowed to machines laboratory with apron. • At the beginning of every semester safetyinstructions are given to the students. • All the equipments are provided with proper earthing. • Shock proof rubber mats are provided for each machine
2	Electrical Machines -II Laboratory	• Do's and don'ts for students are displayed. • Specific safety precautions for students are displayed. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Damaged equipment is isolated from the working equipment. • Use of cell phones is strictly prohibited. • Students are allowed to laboratory only with shoe. • Girl students are allowed to machines laboratory with apron. • At the beginning of every semester safety instructions are given to the students. • All the equipments are provided with proper earthing. • Shock proof rubber mats are provided for each machine
3	Electrical Measurements Laboratory	• Do's and don'ts for students are displayed. • Specific safety precautions for students are displayed. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Damaged equipment is isolated from the working equipment. • Use of cell phones is strictly prohibited. • Students are allowed to laboratory only with shoe. • Girl students are allowed to machines laboratory with apron. • At the beginning of every semester safety instructions are given to the students. • All the equipments are provided with proper earthing.
4	Electrical Technology Laboratory/ Electrical Circuits Laboratory	• Do's and don'ts for students are displayed. • Specific safety precautions for students are displayed. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Damaged equipment is isolated from the working equipment. • Use of cell phones is strictly prohibited. • Students are allowed to laboratory only with shoe. • Girl students are allowed to machines laboratory with apron. • At the beginning of every semester safety instructions are given to the students. • All the equipments are provided with proper earthing. • Shock proof rubber mats are provided for each machine
5	Control Systems Laboratory	• Do's and don'ts for students are displayed. • Specific safety precautions for students are displayed. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Damaged equipment is isolated from the working equipment. • Use of cell phones is strictly prohibited. • At the beginning of every semester safetyinstructions are given to the students. • All the equipments are provided with proper earthing
6	Power Systems Laboratory	• Do's and don'ts for students are displayed. • Specific safety precautions for students are displayed. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Damaged equipment is isolated from the working equipment. • Use of cell phones is strictly prohibited. • At the beginning of every semester safety instructions are given to the students. • All the equipments are provided with proper earthing.
7	Power Electronics Laboratory	• Do's and don'ts for students are displayed. • Specific safety precautions for students are displayed. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Damaged equipment is isolated from the working equipment. • Use of cell phones is strictly prohibited. • At the beginning of every semester safety instructions are given to the students. • All the equipments are provided with proper earthing.

8	Simulation Laboratory	• Do's and don'ts for students are displayed. • Provided adjustable chairs and tables to promote proper posture. • Ensure adequate lighting to reduce eye strain. • Maintain clear walkways for safe movement. • Organize cables to avoid tripping hazards. • Backup data regularly to avoid loss • Educate users about phishing, malware, and other cyber threats. • Clean equipment regularly to avoid dust buildup. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Use of cell phones is strictly prohibited. • At the beginning of every semester safety instruction are given to the students. All the equipments are provided with proper earthing.
9	Electrical & Electronics Engineering Workshop	• Do's and don'ts for students are displayed. • Specific safety precautions for students are displayed. • Fire extinguisher and sand buckets are provided near the laboratory. • First-aid kits are available in every laboratory and department office. • Well trained technical supporting staff is available to do first aid in case of electric shock. • Damaged equipment is isolated from the working equipment. • Use of cell phones is strictly prohibited. • At the beginning of every semester safety instructions are given to the students. • All the equipments are provided with proper earthing.

D3. Project Laboratory/Research Laboratory

The EEE Department is equipped with advanced laboratories that support student and faculty research, innovation, and interdisciplinary projects. Dedicated Centre of Excellence in domains such as facilitates cutting-edge research and industry collaboration. These facilities also promote start-up incubation and foster a culture of technological entrepreneurship.

S.No.	Name of the Laboratory
1.	Project Lab/ R&D Lab
2.	IOT Lab
3.	Incubation Centres
4.	Centre of Excellence in PLC & SCADA
5.	Centre of Excellence in Electric Vehicles

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
2022-23(CAYm2)	1080	54	54	20	87
2023-24(CAYm1)	1080	54	59	19	94
2024-25(CAY)	1200	60	62	22	90

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 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Infrastructure Built-Up	50000000	48954988	40000000	38006213	20000000	8786089	10000000	4632891

Library	2600000	2567688	2000000	1941117	1500000	1318262	1000000	88061
Laboratory equipment	10000000	1747793	9000000	8693712	3500000	3164678	1500000	1308856
Teaching and non-teaching staff salary	200000000	185616844	180000000	176430091	160000000	146469077	180000000	177245756
Outreach Programs	100000	63000	100000	63100	50000	33811	25000	18741
R&D	500000	426090	500000	800418	500000	1766000	300000	400800
Training, Placement and Industry linkage	2500000	1780188	3000000	2957393	3000000	3076594	2000000	1211450
SDGs	1500000	1416413	0	0	0	0	0	0
Entrepreneurship	25000	17000	25000	17400	20000	15000	10000	10000
Others, specify	90000000	86159930	90000000	84688845	8500000	82366114	50000000	39769427
Total	**357225000**	**328749934**	**324625000**	**313598289**	**197070000**	**246995625**	**244835000**	**224685982**

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 2024-2025**	**Actual Expenses in 2024-2025 till**	**Budgeted in 2023-2024**	**Actual Expenses in 2023-2024 till**	**Budgeted in 2022-2023**	**Actual Expenses in 2022-2023 till**	**Budgeted in 2021-2022**	**Actual Expenses in 2021-2022 till**
Laboratory equipment	300000	276893	300000	254021	500000	408549	100000	76166
Software	0	0	0	0	0	0	0	0
SDGs	25000	14500	0	0	0	0	0	0
Support for faculty development	75000	74484	75000	59322	75000	48352	0	0
R & D	100000	61000	100000	132429	525000	515000	100000	0
Industrial Training, Industry expert,	150000	145950	150000	171000	200000	188250	150000	120200
Miscellaneous Expenses*	100000	79000	120000	118910	200000	174500	50000	68128
Total	**750000**	**651827**	**745000**	**735682**	**1500000**	**1334651**	**400000**	**264494**