

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Electrical & Electronics Engineering	Discipline: Engineering & Technology
Level : Under Graduate	Tier: 1
Application No: 12141	Date of Submission: 10-09-2026

PART A- Profile of the Institute

A1.Name of the Institute: BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT	
Year of Establishment : 1997	Location of the Institute: Ballari
A2. Institute Address: JANANA GANGOTRI CAMPUS, #873/2, BALLARI HOSAPETE, ROAD, NEAR ALLIPUR, BALLARI - 583104 [KARNATAKA]	
City: Bellary	State: Karnataka
Pin Code: 583104	Website: www.bitm.edu.in
Email: BITMBLY@GMAIL.COM	Phone No(with STD Code): 08392-237150
A3. Name and Address of the Affiliating University (if any):	
Name of the University : VISVESVARYA TECHNOLOGICAL UNIVERSIT	City: Belgaum
State : Karnataka	Pin Code: 590018
A4. Type of the Institution: Autonomous CAY(2021-22)	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 8
- No. of PG programs: 2

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 of Computer Application	2023	--	Computer Application
2	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2020	--	Computer Science and Engineering
3	Engineering & Technology	UG	Civil Engineering	2014	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	1997	--	Computer Science and Engineering
5	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence)	2022	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2022	--	Computer Science and Engineering
7	Engineering & Technology	UG	Electrical & Electronics Engineering	2007	--	Electrical and Electronics Engineering
8	Engineering & Technology	UG	Electronics & Communication Engineering	1997	--	Electronics and Communication Engineering

9	Engineering & Technology	UG	Mechanical Engineering	1997	--	Mechanical Engineering
10	Management	PG	Master of Business Administration	2007	--	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 & 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

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	PROGRAI DURATIO
1	Electrical & Electronics Engineering	UG	2007 / --	120	No	NA	120	2007	"F.No. South-West/1-46259296820/2026/EOA, Date of Approval:	Granted accreditation for 3 years for the period (specify period)	2022	2025	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. SHARANA REDDY
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)	120	120	120	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	108	113	107	93	100	80	100
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	19	25	39	32	52	34
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	5	6	6	5	6	6	5
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	113	138	138	137	138	138	139

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)	120	108	5	94.17
2024-25 (CAYm1)	120	113	6	99.17
2023-24 (CAYm2)	120	107	6	94.17

Average [(ER1 + ER2 + ER3) / 3] = 95.84≡ 20.00

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).	138.00	138.00	139.00
B=No. of students who graduated from the program in the stipulated course duration	122.00	126.00	120.00
Success Rate (SR)= (B/A) * 100	88.41	91.30	86.33

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 88.68

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)	6.53	6.84	7.51
Y=Total no. of successful students	107.00	106.00	95.00
Z=Total no. of students appeared in the examination	119.00	113.00	98.00
API [X*(Y/Z)]	5.87	6.42	7.28

Average API[(AP1+AP2+AP3)/3] : 6.52

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)	6.68	7.02	7.21
Y=Total no. of successful students	129.00	130.00	131.00
Z=Total no. of students appeared in the examination	131.00	134.00	133.00
API [X * (Y/Z)]	6.58	6.81	7.10

Average API [(AP1 + AP2 + AP3)/3] : 6.83

B8. Academic Performance of the Third Year Students of the Program

Table No.B8.1: Academic Performance of the Third Year Students of the Program

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.01	7.26	7.07
Y=Total no. of successful students	128.00	131.00	131.00
Z=Total no. of students appeared in the examination	130.00	131.00	132.00
API [X*(Y/Z)]:	6.90	7.26	7.02

Average API [(AP1 + AP2 + AP3)/3] : 7.06

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	138.00	138.00	139.00
X=No. of students placed	69.00	70.00	72.00
Y=No. of students admitted to higher studies	0.00	0.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	50.00	50.72	51.80

Average Placement Index = (P_1 + P_2 + P_3)/3: 50.84 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. KHENED B S	XXXXXXX02B	M.Tech and Ph.D.	J.N.T.U. Hyderabad	Gas Sensors	06/08/2008	17	Professor	Professor	06/08/2008	Regular	Yes		No
2	Dr. SHARANA REDDY	XXXXXXX91R	M.Tech and Ph.D.	J.N.T.U. Hyderabad	Power Electronics & Drives	02/04/2001	24	Assistant Professor	Professor	01/02/2020	Regular	Yes		Yes
3	Dr. ABDUL KHADAR A	XXXXXXX33A	M.Tech and Ph.D.	VTU, Belagavi	Power Systems & Smart Grid	27/08/2010	15	Assistant Professor	Professor	01/01/2024	Regular	Yes		No
4	Dr. RAGHAVENDRA P	XXXXXXX71A	M.Tech and Ph.D.	NITK, Surathkal	Power Systems	02/02/2018	6.7	Associate Professor	Associate Professor	02/02/2018	Regular	Yes		No
5	Dr. ARATHI P.B	XXXXXXX31N	M.Tech and Ph.D.	VTU, Belagavi	Power Systems	08/08/2011	14	Assistant Professor	Associate Professor	01/10/2024	Regular	Yes		No
6	Mr. Y. KAMAL KISHORE	XXXXXXX56R	M.Tech	VTU, Belagavi	Digital Electronics	15/01/2009	16	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr. SRIDHAR S.M	XXXXXXX79R	M.Tech	VTU, Belagavi	VLSI Design & Embedded Systems	15/01/2009	16	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mrs. SUJATHA.H	XXXXXXX74N	M.Tech	VTU, Belagavi	Power Electronics	03/08/2009	16	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mrs. FARZANA BEGUM.K	XXXXXXX26E	M.Tech	VTU, Belagavi	Power Electronics	08/02/2010	15	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mr. MAHAMMAD ANWAR	XXXXXXX48H	M.Tech	VTU, Belagavi	Power Electronics	01/02/2011	14	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mrs. PARVATHI	XXXXXXX04B	M.Tech	Davangere University	Power System & Power Electronics	01/02/2011	15.7	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mrs. PUSHPA LATHA KUMARI M	XXXXXXX94M	M.Tech	VTU, Belagavi	Power Electronics	01/08/2013	12	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mr. VIJAYA KRISHNA M	XXXXXXX74J	M.Tech	KL University	Power Electronics & Drives	01/08/2014	11	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mr. HARISH KUMAR G	XXXXXXX53L	M.Tech	VTU, Belagavi	Power Systems Engineering	01/08/2014	11	Assistant Professor	Assistant Professor		Regular	No	01/09/2025	No
15	Mr. SANTOSHA B.M	XXXXXXX24G	M.Tech	VTU, Belagavi	Power Systems Engineering	01/08/2014	11	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. VIJAY KUMAR M K	XXXXXXX30Q	M.Tech	J.N.T.U Anantapur	Power Electronics	19/07/2016	8.7	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mrs. PALEPU RAJYALAKSHMI	XXXXXXX09F	M.Tech	J.N.T.U. Kakinada	Power Electronics & Electric Drives	07/08/2017	7.7	Assistant Professor	Assistant Professor		Regular	Yes		No

18	Mrs. NANDINI S PATIL	XXXXXXXX21F	M.Tech	VTU, Belagavi	Power Systems Engineering	01/08/2018	6.7	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mrs. PRIYANKA H T	XXXXXXXX51J	M.Tech	VTU, Belagavi	Power Electronics	01/09/2018	7	Assistant Professor	Assistant Professor		Regular	No	22/03/2025	No
20	Mrs. NAGA PRATYUSHA B	XXXXXXXX48B	M.Tech	VTU, Belagavi	Power Electronics	01/02/2020	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Mr. SHASHIDHARA B	XXXXXXXX36D	M.Tech	VTU, Belagavi	Power Electronics	02/12/2020	4.7	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Ms. KURSHIYA S BIRADAR	XXXXXXXX94D	M.Tech	Bangalore University	Control And Instrumentation Engineering	15/09/2022	3	Assistant Professor	Assistant Professor		Regular	No	22/03/2025	No
23	Mrs. SOUJANYA B N	XXXXXXXX60G	M.Tech	VTU, Belagavi	Power Systems Engineering	18/10/2022	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mrs. ZOYA PARVEZ S	XXXXXXXX07G	M.Tech	VTU, Belagavi	VLSI Design & Embedded Systems	16/11/2022	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mrs. SHAFREEN PARVEZ S	XXXXXXXX93A	M.Tech	VTU, Belagavi	Power Electronics	16/11/2022	2.7	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Ms. UMMI HANI	XXXXXXXX12B	M.Tech	VTU, Belagavi	Power Electronics	01/02/2023	2.7	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 Department0

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	132	132	132

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.C	132	132	132
UG1.D	132	132	132
UG1: Electrical & Electronics Engineering	396	396	396
DS=Total no. of students in all UG and PG programs in the Department	396	396	396
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= 396	S2= 396	S3= 396
DF=Total no. of faculty members in the Department	23	24	26
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= 23	F2= 24	F3= 26
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= 19.80	SFR2= 18.86	SFR3= 17.22
Average SFR for 3 years	SFR= 18.63		

C3. Faculty Qualification

- Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF]]
2025-26(CAY)	5	18	19.00	16.05
2024-25(CAYm1)	4	20	19.00	15.79
2023-24(CAYm2)	4	22	19.00	16.84

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	2.00	3.00	4.00	2.00	13.00	18.00
2024-25	2.00	3.00	4.00	1.00	13.00	20.00

2023-24	2.00	2.00	4.00	2.00	13.00	22.00
Average	RF1=2.00	AF1=2.67	RF2=4.00	AF2=1.67	RF2=13.00	AF2=20.00

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	Mr. Mahender K	Manager	Mahendra Academy, Hyderabad	Advanced Aptitude (22ADA57)	54.00
2	Mr. Nasir	Corporate Trainer	Innovations Unlimited Training Services	Soft Skills (22PSW47)	60.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Nasir	Corporate Trainer	Innovations Unlimited Training	Soft Skills (22PSW47)	60.00
2	Mr. Mahender K	Manager	Mahendra Academy, Hyderabad	Advanced Aptitude (21ADA580)	60.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Nasir	Corporate Trainer	Innovations Unlimited Training	Soft Skills & Basic Aptitude (21SSA480)	60.00

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	6	6	5
2	No. of peer reviewed conference papers published	6	5	2
3	No. of books/book chapters published	2	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
Mr. Harish Kumar G	-	EEE	Solar Powered Electric Vehicle Charging station	Karnataka Start up Policy NAIN-2.0	1 year	1.00
Mr. Harish Kumar G	-	EEE	Generation of Electrical Power Using Spiral Wind Turbine	KSCST	6 months	0.06
Ms. Kurshiya S Biradar	-	EEE	Virtul wear	Karnataka Start up Policy NAIN-2.0	1 year	1.00
Ms. Kurshiya S Biradar	-	EEE	Generation of Bio Electricity From Fruits And Waste Vegetables	KSCST	6 months	0.06
						Amount received (Rs.):2.12

(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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

(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
0	0	0	0	0	0	0.00
						Amount received (Rs.):0.00

Total Amount (Lacs) Received for the Past 3 Years: 2.12**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. Abdul Khadar. A	Mr. Y Kamal Kishore	Department of Electrical and Electronics Engineering	11KV power supply	Kishkinda University Montview campus Ballari	6 months	2.25
Dr. Abdul Khadar. A	Mr. Y Kamal Kishore	Department of Electrical and Electronics Engineering	Technical Inspection and Consultancy Services for Transformer Oil Filtration	Raketla Electrical Ballari	6 months	0.66
						Amount received (Rs.):2.91

(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. Abdul Khadar. A	Mr. Y Kamal Kishore	Department of Electrical and Electronics Engineering	Technical Inspection and Consultancy Services for Transformer Oil Filtration	Raketla Electrical Ballari	6 months	0.62
						Amount received (Rs.):0.62

(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. Abdul Khadar. A	Mr. Y Kamal Kishore	Department of Electrical and Electronics Engineering	Technical Inspection and Consultancy Services for Transformer Oil Filtration	Raketla Electrical Ballari	6 months	0.58
						Amount received (Rs.):0.58

Total amount (Lacs) received for the past 3 years: 4.11**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
Ms. Umami Hani	Journal Publication	3 Months	0.15	0.15	Journal published
Ms. Zoya Parvez S	Journal Publication	3 Months	0.10	0.10	Journal published
Mr. Santhosha B.M.	Paper Publications	3 Months	0.06	0.06	Paper published
Dr. Abdul Khadar A	Paper Publications	3 Months	0.05	0.05	Paper published
Mr. Y Kamal Kishore	Paper Publications	3 Months	0.08	0.08	Paper published
Mr. Mr. Mahammad Anwar	Paper Publications	3 Months	0.03	0.03	Paper published
Dr. Sharan Reddy	Paper Publications	3 Months	0.03	0.03	Paper published
Mr. Shridhar S.M	Paper Publications	3 Months	0.03	0.03	Paper published
Dr. Sharan Reddy	Fdp Program Raevt	1 week	0.27	0.27	FDP conducted
Mr. Santosha B.M	NPTEL Exam	3 Months	0.02	0.02	Certified by NPTEL course
Mr. Harish Kumar G	Research Project	1 Year	2.00	1.16	PhD work
			Amount received (Rs.): 2.82		

(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
Mr. Santhosha B.M	Patent Publication	3 Months	0.15	0.15	Patent Published
Mrs. Parvathi	Paper Publications	3 Months	0.05	0.05	Paper Published
Mrs. Pushpalatha Kumari M	Paper Publications	3 Months	0.05	0.05	Paper Published
Dr. Sharan Reddy	Paper Publications	3 Months	0.08	0.08	Paper Published
Mr. Y Kamal Kishore	Paper Publications	3 Months	0.05	0.05	Paper Published
Dr. Sharan Reddy	Fdp Program Raevt	1 week	0.23	0.23	FDP conducted
Mr. Y Kamal Kishore	Expert Talk	1 Day	0.08	0.08	Attended session
Mr. Y Kamal Kishore	Nec Programme	2 Days	0.04	0.04	Attended session
Mr. Santhosha B.M	Workshop @ Up	4 Days	0.04	0.04	Attended workshop
Mr. Santhosha B.M	Isro Meet	2 Days	0.02	0.02	Attended session
Dr. Raghavendra P	lic Regional Meet	2 Days	0.03	0.03	Attended session
Mrs. Parvathi	NPTEL Exam	3 Months	0.04	0.04	Certified by NPTEL course
Mrs. Rajyalakshmi	NPTEL Exam	3 Months	0.04	0.04	Certified by NPTEL course
Mrs. Nandini S. Patil	NPTEL Exam	3 Months	0.04	0.04	Certified by NPTEL course
Mrs. Farzana Begum K	NPTEL Exam	3 Months	0.02	0.02	Certified by NPTEL course
Dr. Raghavendra P	Coe Setup Visit @ Coimbatore	1 week	0.07	0.07	Visited ev setup site
Mr. Santhosha B.M	Coe Setup Visit @ Coimbatore	1 week	0.07	0.07	Visited ev setup site
Mr. Santosha B.M.	Attend E-Mobility Internship	1 week	0.05	0.05	Visited ev setup site
Mr. Vijaya Krishna M	Internship Training Coimbatore	1 Month	0.14	0.14	Trained with EV course
Ms. Umami Hani	Internship Training Coimbatore	1 Month	0.14	0.14	Trained with EV course
Dr. Raghavendra P	Bites Program @ Infosys Mysuru	2 Days	0.03	0.03	Attended session
Mr. Shridhar S.M	Matlab Expo-2023	2 Days	0.07	0.07	Attended session
Mr. Santhosha B.M	NPTEL Exam	3 Months	0.03	0.03	Certified by NPTEL course
Mr. Vijay Krishna M	NPTEL Exam	3 Months	0.03	0.03	Certified by NPTEL course
			Amount received (Rs.): 1.59		

(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. Raghavendra P	Paper Publications	3 Months	0.10	0.10	Paper published
Dr. Raghavendra P	Journal Publications	3 Months	0.15	0.15	Journal published
Prof Kamal Kishore Y And Shridhar S M	FDP Registration	1 week	0.01	0.01	Attended FDP
Dr. Sharana Reddy	AICTE Activity	1 week	0.06	0.06	Completed AICTE activity
Dr. Sharana Reddy	Workshop	1 Days	0.01	0.01	Attended the workshop
Dr. Raghavendra P	NIE Work Shop	3 Days	0.04	0.04	Attended the workshop
Mr. Y Kamal Kishore	Conference Bangalore	2 Days	0.12	0.12	Attended conference
Mr. Santhosha B.M.	NPTEL Exam	3 Months	0.02	0.02	Certified by NPTEL course
Mr. Vijay Krishna M	NPTEL Exam	3 Months	0.02	0.02	Certified by NPTEL course
			Amount received (Rs.): 0.53		

Total amount (Lacs) received for the past 3 years : 4.94

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	Basic Electrical Engineering Lab	25	• 3-phase star delta circuit testing panel • 3-phase power measurement by two wattmeter method module •	100%	Mr. B. Shiva Prasad	Teaching Assistant	B.Tech
2	Digital and Analog Electronics Laboratory	25	• Function Generator • Digital Storage Oscilloscope • Dual power supply, Signal generators, • Digital DC	100%	Mr. Zakir Hussain S	Instructor	DEEE
3	Electrical Machines Laboratory-1	25	• Single phase transformers • Three phase transformers • DC Generators • DC Motors •	100%	Mr. B. Shiva Prasad	Teaching Assistant	B.Tech
4	Power Electronics Laboratory	25	• Static characteristic module of SCR, MOSFET/IGBT, TRIAC/DIAC. • SCR Trigger Using UJT Relaxation Oscillator • SCR DFC Circuit • A C controller • 4 • 4	75%	Mr. Zakir Hussain S	Instructor	DEEE
5	Electrical Machines Laboratory - 2	25	• DC series motors • DC shunt machines • 1-φ Induction motors • 3-φ Induction motors • Synchronous generator	100%	Mr. Chetan Kumar	Instructor	DEEE
6	Op-Amp and Linear IC Laboratory	25	• Linear IC trainer kits • signal generators • CROs • Regulated power supplies	100%	Mr. Zakir Hussain S	Instructor	DEEE

7	Micro-controller Laboratory	25	Computer systems with software tools and interfacing models.	100%	Mr. B. Shiva Prasad	Teaching Assistant	B.Tech
8	Control System Laboratory	25	• Lead-Lag Network study unit • PID Controller trainer • Second order systems • Two Phase Ac Servo motor speed control • DC Servo motor speed control	75%	Mr. Chetan Kumar	Instructor	DEEE
9	Digital Signal Processing Laboratory	25	• Computer systems • MATLAB 2026 version	100%	Mr. B. Shiva Prasad	Teaching Assistant	B.Tech
10	Power System Simulation Laboratory	25	• Computer systems • Mi- power software • MATLAB 2026 version	100%	Mr. D Manjunatha	Instructor	ITI
11	Relay and High Voltage Engineering Laboratory	25	• Sphere gap cum rod gap apparatus with LVDT arrangement • 50 KV AC/70 KV DC test set with control	75%	Mr. Chetan Kumar	Instructor	DEEE

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Basic Electrical Engineering lab	* First Aid Kit * Do's and Don'ts board * Protective Clothing (Uniform) and Footwear (Shoes) * Fire Extinguisher * MCB/RCCB/ELCB protection. * Proper earthing. * Gloves, Testers, Voltmeter, Megger * Uniform and Shoes
2	Electrical Machines Laboratory - 1	* First Aid Kit * Do's and Don'ts display board * Fire Extinguisher * MCB/RCCB/ELCB protection. * Proper earthing of all equipment, *Rubber mats, Gloves and Megger *Danger Boards
3	Digital & Analog Electronics Laboratory	* First Aid Kit * Do's and Don'ts board * Uniform and Shoes * Fire Extinguisher * Proper earthing of all equipment,
4	Electrical Machines Laboratory - 2	* First Aid Kit * Do's and Don'ts display board * Fire Extinguisher * MCB/RCCB/ELCB protection. * Proper earthing of all equipment. * Rubber mats, Gloves and Megger * Danger Boards * Uniform and Shoes
5	Op-Amp and Linear IC's Laboratory	* First Aid Kit * Do's and Don'ts board * Protective Clothing (Uniform) and Footwear (Shoes) * Fire Extinguisher * Proper earthing of all equipment * Uniform and Shoes
6	Micro controller Laboratory	* First Aid Kit * Do's and Don'ts board * Fire Extinguisher * Proper earthing of all equipment * Uniform and Shoes

7	Power Electronics Laboratory	* First Aid Kit * Do's and Don'ts board * Fire Extinguisher * Electrical wires protected by MCB, RCBO and fuses. * Proper earthing of all equipment * Uniform and Shoes
8	Control System Laboratory	* First Aid Kit * Do's and Don'ts board * Fire Extinguisher * Electrical wires protected by MCB, RCBO and fuses. * Proper earthing of all equipment * Uniform and Shoes
9	Digital Signal Processing Laboratory	* First Aid Kit * Do's and Don'ts board * Fire Extinguisher * Electrical wires protected by MCB, RCBO and fuses. * Uniform and Shoes
10	Power system Simulation Laboratory	* First Aid Kit * Do's and Don'ts board * Fire Extinguisher * Electrical wires protected by MCB, RCBO and fuses. * Proper earthing of all equipment * Uniform and Shoes
11	Relay and High Voltage Laboratory	* First Aid Kit * Do's and Don'ts board * Fire Extinguisher * MCB/RCCB/ELCB protection. * Proper earthing of all equipments * Rubber mats, Gloves and Megger * Uniform and Shoes

D3. Project Laboratory/Research Laboratory

1. Centre of Excellence-Electric Vehicle Technology:

- Wheeler Transmission Electronics & Electrical Training Model and Test Bench with IoT enabled EV
- Advanced Feature with Battery and Smart Interactive
- 4-Wheeler buggy simulator with complete working model and data 2 display with battery pack and charger
- 2-Wheeler E-Scooty cut model with Training Facility
- 2-Wheeler Service Platform-Ramp Motorized Hydraulic Lift Weight Capacity- Upto 300Kg
- Battery DIY Kit (Specification as per your estimate),
- Battery Pack Tester (Charging & Discharging) 99V 20A 1CH
- Cut section & open models for hands-on training of EV equipments with stand, instruction board and table (Specification as per your estimate),
- Wallcharts
- Banner and hoarding for demonstration & training- EV
- Tool Box Hand Tools and Safety Tools for Assembly & dismantling training (Specification as per your estimate)
- Charging Station Instruction and Training Kit (Basic Model) (Specification as per your estimate)
- Li-ion Battery Characteristics Training System (Specification as per your estimate)
- 4-Wheeler Drive Train with MIDC Cycle and Regenerative System (PMSM Motor Test Bench)
- BMS CAN Protocol

2. Centre of Excellence -Automotive Electronics (TVS Haritha Tech Serv):

Make: DELL, Processor: Intel Core i7 4460 4th Gen/ Intel Core i7 8th GEN 4440 @2.9 Ghz, Mother Board: H81 /Giga Byte MBGA-H310Mh, HDD: 500 GB SATA /1 TB Seagate, RAM: 16 GB DDR3 /8 GB DDR4 Transcend, Monitor: TFT 18.5" / Dell 15.5" LED, Key Board/ Mouse: USB, Switches: D-Link Gigabit (24 port Ethernet) Switch, D-Link Gigabit (8 port Ethernet) Switch, Software Details: Operating System: Windows 11 Professional, Software: CATIA, FUSION 360

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)	1080	54	34	23	59
2024-25(CAYm1)	1080	54	42	27	72
2025-26(CAY)	1260	63	42	29	63

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
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Infrastructure Built-Up	39.00	38.20	361.00	348.32	1263.00	1235.95	403.00	373.66
Library	72.00	71.44	60.75	57.81	64.00	62.56	26.00	24.57
Laboratory equipment	208.40	205.98	119.10	116.37	196.00	193.95	188.75	177.94
Teaching and non-teaching staff salary	2655.00	2606.77	2360.00	2293.32	2112.00	2068.74	1818.00	1775.61
Outreach Programs	10.00	9.80	5.00	4.43	7.75	7.38	7.10	6.79
R&D	31.25	28.94	20.55	19.32	10.00	10.06	7.65	6.58
Training, Placement and Industry linkage	42.70	43.40	31.10	29.00	21.10	22.16	27.10	25.16
SDGs	2.00	2.01	10.00	10.35	50.00	50.31	25.00	21.00
Entrepreneurship	15.00	14.18	5.00	4.46	8.00	6.65	1.00	0.72
Others specify (Seminar, Workshop, Conference, Paper	1728.90	1692.78	1451.57	1420.69	1132.90	1102.89	843.30	800.48
Total	4804.25	4713.50	4424.07	4304.07	4864.75	4760.65	3346.90	3212.51

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	26.00	26.39	2.00	1.69	2.00	1.70	5.00	4.55
Software	5.00	4.16	5.00	5.00	5.00	5.00	0.00	0.00
SDGs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Support for faculty development	1.00	0.31	1.00	0.32	20.00	17.00	0.15	0.09
R & D	2.00	1.93	2.00	1.75	1.00	0.53	0.25	0.15
Industrial Training, Industry expert, Internship	0.50	0.92	0.50	0.24	1.00	1.05	0.50	0.31
Miscellaneous Expenses*	203.71	197.03	189.27	182.14	124.51	121.19	92.07	86.65
Total	238.21	230.74	199.77	191.14	153.51	146.47	97.97	91.75