

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Mechanical Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 12142	Date of Submission : 02-09-2026

PART A- Profile of the Institute

A1.Name of the Institute: VEMU INSTITUTE OF TECHNOLOGY	
Year of Establishment : 2008	Location of the Institute: TIRUPATHI CHITTOOR HIGHWAY PKOTHAKOTA
A2. Institute Address: TIRUPATHI-CHITTOOR HIGHWAY, P.KOTHAKOTA, NEAR PAKALA, CHITTOOR-517112	
City:Chittoor	State:Andhra Pradesh
Pin Code:517112	Website:www.vemu.org
Email:vemuprincipal@gmail.com	Phone No(with STD Code):-
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANATAPUR	City: Anantpur
State : Andhra Pradesh	Pin Code: 515002
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 11
- No. of PG programs: 6

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	UG	BCA	2024	--	Computer Application
2	Computer Application	PG	Master in Computer Applications	2022	--	Computer Application
3	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
4	Engineering & Technology	PG	Computer Science & Engineering	2012	--	Computer Science and Engineering
5	Engineering & Technology	UG	Computer Science & Information Technology	2022	--	Informatics Technology
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	UG	Computer Science and Engineering (Artificial Intelligence and Data Science)	2025	--	Computer Science and Engineering
9	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence)	2021	--	Computer Science and Engineering
10	Engineering & Technology	UG	Electrical and Electronics Engineering	2008	--	Electrical and Electronics Engineering
11	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2008	--	Electronics and Communication Engineering
12	Engineering & Technology	PG	Electronics and Communication Engineering (VLSI and Embedded Systems)	2012	--	Electronics and Communication Engineering
13	Engineering & Technology	PG	Machine Design	2014	--	Mechanical Engineering
14	Engineering & Technology	UG	Mechanical Engineering	2011	--	Mechanical Engineering
15	Engineering & Technology	PG	Power Electronics & Electrical Drives	2014	--	Electrical and Electronics Engineering
16	Management	UG	Bachelor of Business Administration	2024	--	Management
17	Management	PG	Masters in 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
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	Mechanical Engineering	UG	2011 / --	60	Yes	2025	60	2025	F.NO.South-Central/1-44640161112/2025/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	4

Sanctioned Intake for Last Five Years for the Machine Design	
Academic Year	Sanctioned Intake
2025-26	60
2024-25	30
2023-24	60
2022-23	60
2021-22	120
2020-21	120

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. P. Chenga Reddy
B. Nature of appointment:	Regular
C. Qualification:	Ph.D

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	60	30	60	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	53	30	27	34	70	93	60
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	3	11	8	23	10	14
N3=Separate division if any	0	3	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	53	36	38	42	93	103	74

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

B4. Enrolment Ratio in the First Year

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

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	60	53	0	88.33
2024-25 (CAYm1)	30	30	0	100.00
2023-24 (CAYm2)	60	27	0	45.00

Average [(ER1 + ER2 + ER3) / 3] = 77.78≡ 14.00

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).	132.00	130.00	132.00
B=No. of students who graduated from the program in the stipulated course duration	69.00	76.00	54.00
Success Rate (SR)= (B/A) * 100	52.27	58.46	40.91

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 50.55

B6. Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	7.14	6.96	6.80
Y=Total no. of successful students	33.00	27.00	34.00
Z=Total no. of students appeared in the examination	33.00	27.00	34.00
API [X*(Y/Z)]	7.14	6.96	6.80

Average API[(AP1+AP2+AP3)/3] : 6.97

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 2nd year/10)	7.01	6.90	6.69
Y=Total no. of successful students	38.00	41.00	84.00
Z=Total no. of students appeared in the examination	38.00	42.00	89.00
API [X * (Y/Z)]	7.01	6.74	6.31

Average API [(AP1 + AP2 + AP3)/3] : 6.69

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)	6.97	6.96	6.67
Y=Total no. of successful students	39.00	79.00	99.00
Z=Total no. of students appeared in the examination	41.00	84.00	101.00
API [$X*(Y/Z)$]:	6.63	6.55	6.54

Average API [(AP1 + AP2 + AP3)/3] : 6.57

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	132.00	130.00	132.00
X=No. of students placed	61.00	65.00	51.00
Y=No. of students admitted to higher studies	3.00	5.00	2.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	48.48	53.85	40.15

Average Placement Index = (P_1 + P_2 + P_3)/3: 47.49 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. Naveen Kilari	XXXXXXX45E	Ph.D	JNTUH	Mechanical Engg.	30/04/2019	7.4	Professor	Professor		Regular	Yes		No
2	Dr. P. Chenga Reddy	XXXXXXX27L	Ph.D	SCSVMV	Thermal Engg	10/03/2023	3.5	Associate Professor	Professor	10/03/2026	Regular	Yes		Yes
3	Dr. C Madhu Sudhan Rao	XXXXXXX26Q	Ph.D	JNTUA	Mechanical Engg.	02/06/2025	1.2	Professor	Professor		Regular	Yes		No
4	Dr. G. Harinath Gowd	XXXXXXX98A	Ph.D	JNTUA	Mechanical Engg	01/05/2023	3.4	Professor	Professor		Regular	Yes		No
5	Dr. G. Ramesh	XXXXXXX66J	Ph.D	SRI SATYA SAI UNIVERSITY	Mechanical Engg.	21/06/2013	13.2	Assistant Professor	Professor	26/06/2024	Regular	Yes		No

6	Dr. M. Venkatesulu	XXXXXXXX84Q	Ph.D	KL University	Production Engineering	15/11/2017	8.9	Assistant Professor	Associate Professor	27/08/2025	Regular	Yes		No
7	Dr. V. Harinadh	XXXXXXXX11P	Ph.D	VIT	Poduction Engg	01/11/2023	2.10	Associate Professor	Associate Professor		Regular	Yes		No
8	Dr. P. Kumar	XXXXXXXX30G	Ph.D	JNTUA	Machine design	06/01/2017	9.7	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Mr. G. Suresh	XXXXXXXX81N	M.Tech	JNTUA	R & AC	10/09/2014	11.11	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mr. M. Dora Babu	XXXXXXXX44E	M.Tech	JNTUA	CAD/CAM	21/07/2014	12.1	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mr. C. Hemadri	XXXXXXXX55R	M.E.	ANNA UNIVERSITY	Mfg. Systems and Management	24/02/2023	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mr. U Sreekanth	XXXXXXXX31G	M.Tech	JNTUA	R & AC	26/05/2025	1.3	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mr. V. V. Anantha Chakravathy	XXXXXXXX42F	M.Tech	JNTUA	Machine design	01/06/2017	9.3	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mr. M. Jeevan Prasad	XXXXXXXX39P	M.Tech	JNTUA	Machine design	13/06/2018	8.2	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr. M. Shankar	XXXXXXXX58E	M.Tech	JNTUA	Machine design	08/05/2018	8.3	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. T. Elamaran	XXXXXXXX17N	M.Tech	VIT	Automotive Engg.	26/08/2019	7	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mr. K. Hema Mahesh Babu	XXXXXXXX10A	M.Tech	JNTUK	Machine design	03/07/2019	6.2	Assistant Professor	Assistant Professor		Regular	No	08/09/2025	No
18	Mr. D. Mallikarjuna Reddy	XXXXXXXX59B	M.Tech	SVU	Production Engineering	03/07/2021	3.2	Assistant Professor	Assistant Professor		Regular	No	26/09/2024	No
19	Mr. P. Ramu	XXXXXXXX38E	M.Tech	JNTUA	Energy systems	05/04/2018	6.1	Assistant Professor	Assistant Professor		Regular	No	04/05/2024	No
20	Mrs. K. Ramyasree	XXXXXXXX52E	M.Tech	JNTUH	Advanced manufacturing System	21/02/2015	10.4	Assistant Professor	Assistant Professor		Regular	No	21/06/2025	No
21	Mrs. P. Kalaiselvi	XXXXXXXX29F	M.Tech	JNTUA	Machine design	26/06/2017	8	Assistant Professor	Assistant Professor		Regular	No	05/07/2025	No
22	Mr. A. Giribabu	XXXXXXXX16G	M.Tech	SVU	Industrial Engineering	19/06/2017	8	Assistant Professor	Assistant Professor		Regular	No	03/07/2025	No
23	Mr. M. Ravi	XXXXXXXX82A	M.Tech	JNTUA	Product design	02/07/2020	3.11	Assistant Professor	Assistant Professor		Regular	No	21/06/2024	No
24	Mr. K. Rajesh Kumar	XXXXXXXX71R	M.Tech	JNTUH	Advanced manufacturing System	11/07/2022	3.11	Assistant Professor	Assistant Professor		Regular	No	26/06/2026	No

25	Mr. M. Vimal Teja	XXXXXXXX24Q	M.Tech	JNTUH	R & AC	03/03/2023	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mr. K. V Sarath Babu	XXXXXXXX45J	M.Tech	JNTUA	Machine design	20/06/2016	9.7	Assistant Professor	Assistant Professor		Regular	No	29/01/2026	No
27	Dr. M. Sudarsanam	XXXXXXXX04C	Ph.D	Sathyabhama University	Thermal Engineering	15/10/2019	6.10	Assistant Professor	Associate Professor	16/06/2025	Regular	Yes		No
28	Dr K V N V N Rao	XXXXXXXX83C	Ph.D	JNTUK	Mechanical Engineering	29/06/2016	8.1	Assistant Professor	Professor	21/06/2021	Regular	No	07/08/2024	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	33	66	66
UG1.C	66	66	132
UG1.D	66	132	130
UG1: Mechanical Engineering	165	264	328
PG1.A	24	24	24
PG1.B	24	24	24
PG1: Machine Design	48	48	48
DS=Total no. of students in all UG and PG programs in the Department	213	312	376
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= 213	S2= 312	S3= 376
DF=Total no. of faculty members in the Department	19	22	25
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= 19	F2= 22	F3= 25
FF=The faculty members in F who have a 100% teaching load in the first-year courses	4	2	2
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 14.20	SFR2= 15.60	SFR3= 16.35
Average SFR for 3 years	SFR= 15.38		

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)	9	10	10.00	32.50
2024-25(CAYm1)	6	16	15.00	20.67
2023-24(CAYm2)	6	20	18.00	19.44

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	1.00	4.00	2.00	4.00	7.00	11.00
2024-25	2.00	3.00	3.00	2.00	10.00	17.00
2023-24	2.00	3.00	4.00	2.00	13.00	20.00
Average	RF1=1.67	AF1=3.33	RF2=3.00	AF2=2.67	RF2=10.00	AF2=16.00

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. P. Kondappa naidu	Senior Manager	Bharat Heavy Electricals Limited -BAP, Ranipet	Manufacturing Processes	18.00
2	Mr. S. Jagan	Asst.manager	Unitech Plasto Components Pvt Ltd, Sipcot Industrial park, Sriperumbudur	Applied Thermodynamics, Project Review	34.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. S. Nagarjuna	Senior Manager	Bharat Heavy Electricals Limited -BAP, Ranipet	Modern Manufacturing Methods	24.00
2	Mr. P. Kondappa naidu	Senior Manager	Bharat Heavy Electricals Limited -BAP, Ranipet	Production and Operation Management , Project Review	27.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. S. Nagarjuna	Senior Manager	Bharat Heavy Electricals Limited -BAP, Ranipet	Sem-I: CAD/CAM	21.00
2	Mr. S. Nagarjuna	Senior Manager	Bharat Heavy Electricals Limited -BAP, Ranipet	Sem-II: Manufacturing Technology , Project Review	31.00

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	18	5	7
2	No. of peer reviewed conference papers published	21	27	10
3	No. of books/book chapters published	5	0	3

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. Naveen Kilari	Dr. Harinadh Vemanaboina	Directorate of Faculty Development and IQAC, JNTUA, Ananthapuramu	5 Day Faculty Development Program on "3D Printing and Post Processing for Industrial Applications"	Jawaharlal Nehru Technological University, Ananthapur	5 days	1.11
Dr. Naveen Kilari	Dr. Harinadh Vemanaboina, Dr. S. Leela lakshmi	AICTE-IDEA Lab	AICTE -IDEA Lab	All India Council for Technical Education	-	90.00
						Amount received (Rs.):91.11

(CAYm2)**(CAYm3)**

Total Amount (Lacs) Received for the Past 3 Years: 91.11

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
Mr. M. Sudarsanam	Mr. M. Vimal Teja	Manufacturing sector	Root Cause Analysis of Assembly Fitment Problems in CNC Lathe–Machined Components	Ravands Plastech Vajjireddy Palli Village, Puthalapattu Mandal, Chittoor - 517001	1.5 Months	1.18
Dr. M. Venkatesulu	Mr. C. Hemadri	Service Sector	LOOSENING OF WINDOW GLASSES	SRI MEENAKSHI BODY BUILDERS PLOT NO: L-24, INDUSTRIAL ESTATE, CHITTOOR - 517501	2 Months	0.90
						Amount received (Rs.):2.08

(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. G. RAMESH	Dr. P. CHENGA REDDY	Service Sector	Failure Analysis and Redesign of Mechanical Components Used in A Foundry	Jcb Gold Fileds 23/84, Industrial Estate, Opp. Vci Godown Lane, Chittoor -517001	1 Month	1.55
Mr. P. Kumar	Mr. G. Suresh	Service Sector	Rectification of water hammer problem in ball valve	RAVANDS PLASTECH VAJJIREDDY PALLI VILLAGE, PUTHALAPATTU MANDAL, CHITTOOR - 517112	3 Months	1.01
						Amount received (Rs.):2.56

(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. ERIKI ANAND KUMAR	Dr. H. SURESHBABU RAO	Manufacturing Sector	DESIGN OF HEAT-SEALING MACHINE – PLC PROGRAMMING PROBLEM	RAVANDS PLASTECH VAJJIREDDY PALLI VILLAGE, PUTHALAPATTU MANDAL, CHITTOOR - 517112	2 Months	0.88
Mr. M. Jeevan Prasad	Mr. K. V. Sharath babu	Service sector	ANIMATRONIC EYE IN THE QUADCOPTER IN SURVEILLANCE APPLICATION	SRI VIGNAN TECHNOLOGIES LAB D.NO.: 6-11-218, 3RD FLOOR, SREE MARUTHI NAGAR NEAR MEDICAL COLLEGE ALIPIRI, TIRUPATI.	3 Months	0.96
						Amount received (Rs.):1.84

Total amount (Lacs) received for the past 3 years: 6.48

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. V. Harinadh	Manufacturing, Welding & Thermal	12 Months	1.50	1.16	12 SCIE Papers, 2 Conference Papers, 1 Patent & 3 Text books
Dr. M. Sudarsanam	Alternate Fules	12 Months	0.20	0.26	2 SCIE Papers
Dr. Naveen Kilari	Thermal & Design of experiments	12 Months	0.10	0.08	1 SCIE Paper & 1 Patent
Dr. P. Chenga Reddy	Bio diesel & Alternate Fuels	12 Months	0.30	0.32	1 SCIE Paper, 2 Scopus Papers & 1 Patent
Dr. P. Kumar	Wire Arc Additive Manufacturing	12 Months	0.20	0.16	1 SCIE Paper
Dr. G. Ramesh	Design & Production of vertex tube	12 Months	0.20	0.18	2 Conference Papers, 1 Text book
Dr. G. Harinath Gowd	Trend-Forecasting of Covid-19 Cases using Regression Anlaysis and Python	12 Months	0.10	0.08	1 Patent, 1 Conference Paper & 1 Text book
Dr. M. Venkatesulu	An IoT-based system for automatic vehicle accident detection	6 Months	0.05	0.02	1 Patent
Mr. C. Hemadri	Repeated Impact Testing Machine	6 Months	0.05	0.02	1 Patent
Mr. K. Hema Mahesh Babu	A Peltier-Based Solar-Powered Portable Air Conditioning System	6 Months	0.05	0.02	1 Patent
			Amount received (Rs.): 2.75		

(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. V. Harinadh	Manufacturing & Welding	12 Months	1.00	0.39	2 SCIE Papers & 2 Conference Papers
Dr. Naveen Kilari	Embeded & Micro controller	12 Months	0.20	0.16	1 SCIE Paper
Dr. M. Sudarsanam	Bio diesel & Alternate fuels	12 Months	0.20	0.16	1 SCIE Paper
Dr. P. Chenga Reddy	Bio diesel	12 Months	0.20	0.10	1 Scopus Paper
Dr. G. Ramesh	Composite Material & Vertex tube	12 Months	0.20	0.12	2 Conference Papers
Mr. G. Suresh	smart air purification system for elevated indoor environmental solutions	6 Months	0.05	0.02	1 Patent
			Amount received (Rs.): 1.85		

(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. Naveen Kilari	Analysis of slotted matching antenna for millimeter wave applications	12 Months	0.50	0.27	1 SCIE Paper, 1 Patent & 3 Text books
Dr. G. Ramesh	Design and Analysis	12 Months	0.20	0.13	2 Conference Papers & 1 UGC Paper
Mr. G. Suresh	Design, analysis and comparison of various profile geometry Of disc brake	12 Months	0.10	0.09	1 Scopus Paper & 3 UGC Papers
Dr. M. Venkatesulu	Self-balancing robot controlled by bluetooth Module	12 Months	0.05	0.03	1 UGC Paper & 1 Patent
Dr. K V N V N Rao	Single cavity fixture with nested locator	6 Months	0.05	0.02	1 Patent
			Amount received (Rs.): 0.90		

Total amount (Lacs) received for the past 3 years : 5.50

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	Machine Tools & Metrology & Measurements (MT & M&M LAB)	3	1.Pressure measurement trainer module 2.Strain measurement to measure strain gauge in full bridge mode 3. Data acquisition module to measure flow	4 Slots IV-I ME	M.K. Ekambaram	Lab Technician	ITI
2	3D Print Practice Lab	3	1.3D Printer Coli Do 3.0 – 2 No.'s 2. 3D Printer NexG 3045 – 2 No.'s	2 slots III–II ME	N.Balakrishna	Lab Technician	ITI
3	Fluid Mechanics and Hydraulic Machines (FM&HM LAB)	3	1.Venturimeter Setup 2.Orifice Meter Setup 3.Small Orifice Setup 4. External Mouthpiece Setup.5. Rotameter And Turbine Meter Setup 6.Frittion	2 Slots II-II ME	P Gopi	Lab Technician	ITI
4	Heat Transfer (HT LAB)	3	1. Heat transfer through composite wall 2.Heat transfer through lagged pipe apparatus 3.Thermal conductivity of insulation material 4.Thermal Conductivity of metal	2 Slots III-II ME	P Gopi	Lab Technician	ITI
5	Computer Aided Drafting & Computer Aided Manufacturing(CAD/CAM LAB) / Simulation	1	1.No. Of Computers – 37 2.Monitor Company name :- DELL 3.CPU Company name :- DELL 4. Key board :- Corsair 5.Mouse :- Corsair 6.Processor :-	6 Slots IV-I ME	N.Balakrishna	Lab Technician	ITI
6	Mechanics of Solids & Material Science Engineering Lab ((MOS Lab)&(MSE Lab))	1	1.Monocular microscope 2.Binocular microscope 3.Trinocular microscope 4.Metallography reference slides 5.Metallography lab for reference material	2 Slots I-II ME	N.Balakrishna	Lab Technician	ITI
7	Manufacturing Technology Lab ((MT & (MFT LAB))	1	1.Lathe Machine 2.All Geared Radial Drilling Machine(RDM)of size 38mm with electrical, vice, rest tooling, chuck, Arbor 3.Straight 3.Chuck	2 Slots III-I ME	M.K. Ekambaram	Lab Technician	ITI
8	Manufacturing Processes Lab (MFP LAB)	1	1.Injection Moulding machine with die 2.TIG welding 3.Permeability tester 4.Universal strength machine 5.Sand rammer 6.Blow molding machine 7.Spot	2 Slots II-I ME	M.K. Ekambaram	Lab Technician	ITI

9	Thermal Engineering lab(or) Applied Thermodynamics Lab ((TE)&(ATD Lab))	3	1.Vapour compression refrigeration test rig(134a gas) 2.Vapour compression air condition test rig 3.Variable Compression ratio test rig 4. Performance	2 Slots III-I ME	S.V. Bhanu Chander	Lab Technician	ITI, Inter Vocational (Auto)
10	Machine Dynamics Lab(MD Lab)	3	1.Motorised gyroscope 2.Universal governor 3.Whirling of shaft apparatus 4.Static and dynamic balancing apparatus 5.CAM analysis apparatus 6.Vibration	2 Slots I-II M.T	S.V. Bhanu Chander	Lab Technician	ITI, Inter Vocational (Auto)
11	Tinkering Lab	3	1.Power distribution board 2.Ultrasonic sensor 3.Bluetooth module 4.LDR sensor 5.GPS module 6.Speed motor 7.Pump 8. Temperature 9.DUT4	2 Slots III-I ME	P. Mohan	Lab Technician	ITI
12	Python Lab	1	1.No. Of Computers – 37 2.Monitor Company name :- DELL 3.CPU Company name :- DELL 4.Key board :- Corsair 5.Mouse :- Corsair 6. Processor :- CORE	4 Slots II-I ME	S.V. Bhanu Chander	Lab Technician	ITI, Inter Vocational (Auto)
13	Engineering Work Shop(EWS Lab)	1	1.Bench Vice 2.Carpentry Vice 3.Straight Snips 4.Hacksaw frames 5.Face shield with black and weight glass 6. Half round file 7. Round file 8. Flat smooth file	1 Slots/6 Slots	P. Mohan	Lab Technician	ITI
14	Embedded systems & IOT Lab	1	1.IOT Development Board Type – 2 with 30 I/O Interfacing (Including 12V, 1.5A adaptor, connecting wires – 400), 45 G Arduino Uno 2.Bluetooth Module	4 Slots III-I ME	S.V. Bhanu Chander	Lab Technician	ITI, Inter Vocational (Auto)

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Machine Tools & Metrology & Measurements ((MT) & (M&M LAB))	1. First aid box 2. Fire extinguisher 3. Floors are kept dry as possible to avoid slipping 4. Keep away from the moving parts of the machine 5. one person only should operate the machine controls 6. Wear safety goggles, gloves when working areas 7. Don't operate the machine unless you are authorized to do 8. Be aware of the various experiment working condition 9. Earthing is provided to all the equipments 10. Always wear full length protective clothing, secure any loose clothing and hair
2	3D Printing Practice Lab	1. First aid box 2. Fire extinguisher 3. Wear safety goggles, gloves when working areas 4. Don't operate the equipments unless you are authorized to do 5. Be aware of the various experiment working condition 6. Emergency stop switch is provided to all the equipments 7. Always wear full length protective clothing, secure any loose clothing and hair 8. Earthing is provided to all the equipments.
3	Fluid Mechanics and Hydraulic Machines (FM&HM LAB)	1. Wearing shoes and lab coats. 2. The Lab is under CC Camera surveillance. 3. First aid box 4. Fire extinguisher 5. Floors are kept dry as possible to avoid slipping 6. Keep away from the moving parts of the machine 7. one person only should operate the machine controls 8. Wear safety goggles, gloves when working areas 9. Don't operate the machine unless you are authorized to do 10. Be aware of the various experiment working condition 11. Emergency stop switch is provided to all the equipments 12. Always wear full length protective clothing, secure any loose clothing and hair
4	Heat Transfer (HT LAB)	1. First aid box 2. Fire extinguisher 3. Wear safety goggles, gloves when working areas 4. Don't operate the equipments unless you are authorized to do 5. Be aware of the various experiment working condition 6. Emergency stop switch is provided to all the equipments 7. Always wear full length protective clothing, secure any loose clothing and hair 8. Earthing is provided to all the equipments
5	Computer Aided Drafting (CAD / CAM LAB) / Computer Aided Manufacturing/ Simulation Lab	1. Usage of fire extinguisher. 2. First Aid Box. 3. The Lab is under CC Camera surveillance. 4. Do not displace monitor, keyboard, mouse etc. 5. Do not use personal pen drives without permission. 6. Keep all the Computers Updated with antivirus software. 7. Students should not attempt to repair, open, tamper or interfere with any of the computer, cabling, or other equipment in the laboratory. 8. Make Sure the Firewalls are enabled on each and every Computer. 9. Count all accessories before receiving equipments in lab 10. Before performing practical s read instrument manual carefully 11. Don't use mobile phones during lab hours 12. Don't try to repair any faulty instrument 13. Don't run machine without permission

6	Material Science Engineering (MSE Lab)	1. First aid box 2. Fire extinguisher 3. Keep away from the moving parts of the machine 4. one person only should operate the machine controls 5. Wear safety goggles, gloves when working areas 6. Don't operate the machine unless you are authorized to do 7. Always wear full length protective clothing, secure any loose clothing and hair. 8. Specimens should be prepared as per standards 9. Emergency stop switch is provided to all the equipments 10. Earthing is provided to all the equipments 11. Permanent foundation is provided to all machines
7	Manufacturing Technology Lab (MFT LAB))	1. First aid box 2. Fire extinguisher 3. Keep away from the moving parts of the machine 4. Wear safety goggles, gloves when working areas 5. Don't operate the machine unless you are authorized to do 6. Experimental procedure is displayed 7. Always wear full length protective clothing, secure any loose clothing and hair 8. Instructions provided to handle the tools safely 9. Emergency stop switch is provided to all the equipments 10. Earthing is provided to all the equipments 11. Permanent foundation is provided to all machines
8	Manufacturing Processes (MFP LAB)	1. Equipped with Fire Extinguishers. 2. The Lab is under CC Camera surveillance. 3. All accidents that require medical attention must be reported immediately to a faculty or a staff member. 4. Accident report forms are available in the Department Office and must be completed for all accidents. 5. Tools, supplies and instrument must be cleaned and returned back to their proper places. Make sure that all equipment are properly shut off. 6. Before performing practical s read instrument manual carefully 7. Count all accessories before receiving equipments in lab 8. Before performing practical s read instrument manual carefully 9. Don't use mobile phones during lab hours 10. Don't try to repair any faulty instrument 11. Don't run machine without permission
9	Thermal Engineering Lab Applied Thermodynamics Lab (TE LAB)or(ATD LAB))	1. Wearing shoes and lab coats. 2. The Lab is under CC Camera surveillance. 3. First aid box 4. Fire extinguisher 5. Floors are kept dry as possible to avoid slipping 6. Keep away from the moving parts of the machine 7. one person only should operate the machine controls 8. Wear safety goggles, gloves when working areas 9. Don't operate the machine unless you are authorized to do 10. Be aware of the various experiment working condition 11. Emergency stop switch is provided to all the equipments 12. Always wear full length protective clothing, secure any loose clothing and hair 13. Permanent foundation is provided to all machines
10	Machine Dynamics (MD Lab)	1. First aid box 2. Fire extinguisher 3. Keep away from the moving parts of the machine 4. Experimental procedure is displayed 5. Wear safety goggles, gloves when working areas 6. Don't operate the machine unless you are authorized to do 7. Be aware of the various experiment working condition 8. Emergency stop switch is provided to all the equipments 9. Always wear full length protective clothing, secure any loose clothing and hair 10. Earthing is provided to all the equipments 11. Permanent foundation is provided to all machines.
11	Tinkering Lab	1. Do not displace the components. 2. Do not use personal pen drives without permission. 3. Keep all the components properly. 4. Students should not attempt to repair, open, tamper or interfere with any of the computer, cabling, or other equipment in the laboratory. 5. Count all accessories before receiving equipments in lab. 6. Before performing practical's read instrument manual carefully. 7. Don't use mobile phones during lab hours 8. Don't try to repair any faulty instrument. 9. Don't run machine without permission
12	Python Lab	1. Usage of fire extinguisher. 2. First Aid Box. 3. The Lab is under CC Camera surveillance. 4. Do not displace monitor, keyboard, mouse etc. 5. Do not use personal pen drives without permission. 6. Keep all the Computers Updated with antivirus software. 7. Students should not attempt to repair, open, tamper or interfere with any of the computer, cabling, or other equipment in the laboratory. 8. Make Sure the Firewalls are enabled on each and every Computer. 9. Count all accessories before receiving equipments in lab 10. Before performing practical s read instrument manual carefully 11. Don't use mobile phones during lab hours 12. Don't try to repair any faulty instrument 13. Don't run machine without permission
13	Engineering Work shop (EWS Lab)	1. First aid box 2. Fire extinguisher 3. Keep away from the moving parts of the machine 4. Wear safety goggles, gloves when working areas 5. When welding, special eye protection and gloves are to be worn 6. Safety boots or enclosed shoes must be worn in the workshop 7. Don't operate the machine unless you are authorized to do 8. Always wear full length protective clothing, secure any loose clothing and hair. 9. Remove rings and loose jewellery before operating machinery they can be a hazard
14	Embedded systems & IOT Lab	1. Do not displace the components. 2. Do not use personal pen drives without permission. 3. Keep all the components properly. 4. Students should not attempt to repair, open, tamper or interfere with any of the computer, cabling, or other equipment in the laboratory. 5. Count all accessories before receiving equipments in lab. 6. Don't try to repair any faulty instrument. 7. Don't run machine without permission.

D3. Project Laboratory/Research Laboratory

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

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) +(NS2*0.2))/RF
2023-24(CAYm2)	660	33	36	6	91
2024-25(CAYm1)	900	45	50	5	91
2025-26(CAY)	1200	60	59	6	81

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	70000000	68206346	60000000	53375227	40000000	36488561	100000000	97922292
Library	2000000	1580657	2000000	2118178	2000000	1516169	2000000	1431867
Laboratory equipment	7500000	7743989	6000000	5894280	5000000	5010293	8500000	6787922
Teaching and non-teaching staff salary	150000000	132861970	110000000	105656021	110000000	102595311	110000000	82703319
Outreach Programs	300000	186015	250000	252900	200000	156169	200000	166145
R&D	1200000	1748390	1200000	1158649	1200000	753370	1200000	1007337
Training, Placement and Industry linkage	5000000	4240738	4000000	3952976	2500000	2614170	1800000	747861
SDGs	1000000	941302	1000000	837137	1000000	812698	1000000	776401
Entrepreneurship	1500000	1362802	1500000	1436715	1000000	1072027	1000000	601192
Others, specify	150000000	134487316	110000000	115994724	110000000	105982531	100000000	92973857
Total	388500000	353359525	295950000	290676807	272900000	257001299	325700000	285118193

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	500000	211436	500000	388046	1000000	684567	2000000	1871452
Software	150000	132582	300000	337946	200000	160968	0	0
SDGs	150000	147180	200000	155900	150000	147410	100000	140060
Support for faculty development	200000	172500	100000	75500	100000	95500	100000	66500
R & D	500000	376358	500000	401215	200000	110400	50000	34500
Industrial Training, Industry expert, Internship	500000	413650	400000	386110	500000	340900	150000	102000
Miscellaneous Expenses*	16000000	15026642	15000000	14503285	16000000	15890433	15000000	14986620
Total	18000000	16480348	17000000	16248002	18150000	17430178	17400000	17201132

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Civil Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 12142	Date of Submission : 02-09-2026

PART A- Profile of the Institute

A1.Name of the Institute: VEMU INSTITUTE OF TECHNOLOGY	
Year of Establishment : 2008	Location of the Institute: TIRUPATHI CHITTOOR HIGHWAY PKOTHAKOTA
A2. Institute Address: TIRUPATHI-CHITTOOR HIGHWAY, P.KOTHAKOTA, NEAR PAKALA, CHITTOOR-517112	
City:Chittoor	State:Andhra Pradesh
Pin Code:517112	Website:www.vemu.org
Email:vemuprincipal@gmail.com	Phone No(with STD Code):-
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANATAPUR	City: Anantpur
State : Andhra Pradesh	Pin Code: 515002
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 11
- No. of PG programs: 6

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	UG	BCA	2024	--	Computer Application
2	Computer Application	PG	Master in Computer Applications	2022	--	Computer Application
3	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
4	Engineering & Technology	PG	Computer Science & Engineering	2012	--	Computer Science and Engineering
5	Engineering & Technology	UG	Computer Science & Information Technology	2022	--	Informatics Technology
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	UG	Computer Science and Engineering (Artificial Intelligence and Data Science)	2025	--	Computer Science and Engineering
9	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence)	2021	--	Computer Science and Engineering
10	Engineering & Technology	UG	Electrical and Electronics Engineering	2008	--	Electrical and Electronics Engineering
11	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2008	--	Electronics and Communication Engineering
12	Engineering & Technology	PG	Electronics and Communication Engineering (VLSI and Embedded Systems)	2012	--	Electronics and Communication Engineering
13	Engineering & Technology	PG	Machine Design	2014	--	Mechanical Engineering
14	Engineering & Technology	UG	Mechanical Engineering	2011	--	Mechanical Engineering
15	Engineering & Technology	PG	Power Electronics & Electrical Drives	2014	--	Electrical and Electronics Engineering
16	Management	UG	Bachelor of Business Administration	2024	--	Management
17	Management	PG	Masters in 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
Civil Engineering	No	Civil 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	Civil Engineering	UG	2009 / --	60	Yes	2025	60	2025	F.No. South-Central/1-44640161112/2025/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	4

Sanctioned Intake for Last Five Years for the Civil Engineering	
Academic Year	Sanctioned Intake
2025-26	60
2024-25	30
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.G.Omkar
B. Nature of appointment:	Regular
C. Qualification:	Ph.D

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	60	30	60	60	60	60	60
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	25	27	40	30	41	46	20
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	5	13	1	5	4	16
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	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	25	32	53	31	46	50	36

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

B4. Enrolment Ratio in the First Year

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

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	60	25	0	41.67
2024-25 (CAYm1)	30	27	0	90.00
2023-24 (CAYm2)	60	40	0	66.67

Average [(ER1 + ER2 + ER3) / 3] = 66.11± 11.00

B5. Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: The success rate in the stipulated period of a program.

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	65.00	64.00	66.00
B=No. of students who graduated from the program in the stipulated course duration	33.00	35.00	25.00

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 47.78

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)
Mean of CGPA or mean percentage of all successful students(X)	7.31	7.29	7.21
Y=Total no. of successful students	26.00	39.00	28.00
Z=Total no. of students appeared in the examination	26.00	39.00	28.00
API [X*(Y/Z)]	7.31	7.29	7.21

Average API[(AP1+AP2+AP3)/3] : 7.27

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 2nd year/10)	7.22	7.18	6.78
Y=Total no. of successful students	52.00	28.00	44.00
Z=Total no. of students appeared in the examination	52.00	29.00	46.00
API [X * (Y/Z)]	7.22	6.93	6.49

Average API [(AP1 + AP2 + AP3)/3] : 6.88

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)	7.33	7.23	7.30
Y=Total no. of successful students	28.00	44.00	46.00
Z=Total no. of students appeared in the examination	28.00	44.00	47.00
API [$X*(Y/Z)$]:	7.33	7.23	7.14

Average API [(AP1 + AP2 + AP3)/3] : 7.23

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	65.00	64.00	66.00
X=No. of students placed	31.00	35.00	23.00
Y=No. of students admitted to higher studies	3.00	1.00	4.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	52.31	56.25	40.91

Average Placement Index = (P_1 + P_2 + P_3)/3: 49.82 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.T.Yeswanth Sai	XXXXXXX48B	Ph.D	Vellore Institute of Technology	Structural Engineering	19/06/2023	3.2	Associate Professor	Professor	19/06/2025	Regular	Yes		No
2	Dr.G.Omkar	XXXXXXX26P	Ph.D	Vellore Institute of Technology	Highway Engineering	10/06/2019	7.2	Assistant Professor	Associate Professor	09/02/2026	Regular	Yes		Yes
3	Dr.A.Tamilrasan	XXXXXXX97C	Ph.D	Vellore Institute of Technology	Structural Engineering	23/07/2024	1.10	Assistant Professor	Assistant Professor		Regular	No	26/05/2026	No
4	Mrs. M Nohitha	XXXXXXX50C	M.Tech	Jawaharlal Nehru Technological University, Anantapur	Structural Engineering	22/07/2016	10.1	Assistant Professor	Assistant Professor		Regular	Yes		No

5	Mr. Ramu B	XXXXXXXX68M	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	27/06/2017	9.2	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Mrs. J HemaLatha	XXXXXXXX35R	M.Tech	Jawaharlal Nehru Technological University, Anantapur	Structural Engineering	20/06/2017	9.2	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr. B Yugandhar	XXXXXXXX21Q	M.Tech	Jawaharlal Nehru Technological University, Anantapur	Structural Engineering	25/04/2018	8.4	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mr. S Ramprasath	XXXXXXXX38K	M.E.	Anna University	Structural Engineering	26/07/2019	7.1	Assistant Professor	Assistant Professor		Regular	Yes		No
9	MrP.Harshavardhan Reddy	XXXXXXXX40L	M.Tech	Jawaharlal Nehru Technological University, Anantapur	Construction Planning and Management	01/06/2023	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mr.M.Selva Ganesh	XXXXXXXX56E	M.E.	Anna University	Structural Engineering	24/07/2024	2.1	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Mrs.K.L.Saraswathi	XXXXXXXX62J	M.Tech	National Institute of Technology, Warangal	Geo-Technical Engineering	07/08/2024	2	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mr. M. Siva Sankar	XXXXXXXX36R	M.E.	Anna University	Structural Engineering	25/07/2025	1.1	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Dr. K Sarumathi	XXXXXXXX39C	Ph.D	Vellore Institute of Technology	Structural Engineering	10/06/2019	5	Assistant Professor	Associate Professor	09/05/2022	Regular	No	25/06/2024	No
14	Mr. NareshKumar.Y	XXXXXXXX04N	M.E.	Anna University	Structural Engineering	11/07/2022	1.11	Assistant Professor	Assistant Professor		Regular	No	25/06/2024	No
15	Mr.Tipraj	XXXXXXXX79L	M.Tech	Visvesvaraya Technological University	Construction Technology	26/07/2023	1.9	Assistant Professor	Assistant Professor		Regular	No	30/04/2025	No
16	Dr.V.M Sounthararajan	XXXXXXXX41B	Ph.D	Vellore Institute of Technology	Structural Engineering	15/07/2016	7.10	Professor	Professor	15/07/2016	Regular	No	25/05/2024	No
17	Dr. N. SrinivasaRao	XXXXXXXX14D	Ph.D	Vellore Institute of Technology	Structural Engineering	29/08/2022	2.9	Professor	Professor	29/08/2022	Regular	No	05/06/2025	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	33	66	61
UG1.C	66	61	65
UG1.D	61	65	64
UG1: Civil Engineering	160	192	190
DS=Total no. of students in all UG and PG programs in the Department	160	192	190
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= 160	S2= 192	S3= 190
DF=Total no. of faculty members in the Department	12	13	13
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= 12	F2= 13	F3= 13
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 13.33	SFR2= 14.77	SFR3= 14.62
Average SFR for 3 years	SFR= 14.24		

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)	3	9	7.00	23.57
2024-25(CAYm1)	3	10	9.00	19.44
2023-24(CAYm2)	3	10	9.00	19.44

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents.}$
- RF2= No. of Associate Professors required = $2/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents.}$
- RF3= No. of Assistant Professors required = $6/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents.}$
- 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	0.00	5.00	11.00
2024-25	1.00	1.00	2.00	1.00	6.00	11.00
2023-24	1.00	2.00	2.00	1.00	6.00	10.00
Average	RF1=1.00	AF1=1.33	RF2=2.00	AF2=0.67	RF2=5.67	AF2=10.67

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	Mr. B. Sudhakar Reddy	Senior Quantity Surveyor	Mantri Developers Pvt. Ltd., Bangalore	Surveying	24.00
2	Mr. V. Hari Krishna	Associate Manager	Megha Engineering and Infrastructure Ltd., Hyderabad.	Highway Engineering & Project Review	29.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. V. Hari Krishna	Associate Manager	Megha Engineering and Infrastructure Ltd., Hyderabad.	Highway Engineering & Project Review	29.00
2	Mr. B. Sudhakar Reddy	Senior Quantity Surveyor	Mantri Developers Pvt. Ltd, Bangalore.	Surveying	25.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. N. Govinda Reddy	Civil Engineering Consultant	Civil Engineering Consultant, Hyderabad	Geotechnical Engineering -II	24.00
2	Dr. N. Govinda Reddy	Civil Engineering Consultant	Civil Engineering Consultant, Hyderabad	Geotechnical Engineering -I	27.00

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	3	1	0
2	No. of peer reviewed conference papers published	12	13	9
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)

(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.T.Yeswanth Sai	Dr.G.Omkar	Civil Engineering	Testing and Quality Evaluation of Construction Materials	Prabhakar constructions, Chittoor	3 Months	0.68
Mr.A.Tamilrasan	Mr.M.Selva Ganesh	Civil Engineering	Construction Materials Testing and Quality Control Services	Shree Industries, Bangarupalyam	3 Months	0.78
Dr.G.Omkar	Mr.B.Ramu	Civil Engineering	Soil and Pavement Material Testing	Om Sakthi Construction & Builders, Tirupathi	3 Months	0.72
						Amount received (Rs.):2.18

(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.K.Sarumathi	Mr.G.Omkar	Civil Engineering	Performance Testing and Quality Evaluation of Construction Materials	Prabhakar constructions, Chittoor	3 Months	0.69
Mr.T.Yeswanth Sai	Mr.G.Omkar	Civil Engineering	Concrete, Steel and Subgrade Material Quality Assessment	Shree Industries, Bangarupalyam	4 Months	0.72
Dr. N. SrinivasaRao	Mrs. M Nohitha	Civil Engineering	Structural and Pavement Material Quality Assessment	Om Sakthi Construction & Builders, Tirupathi	3 Months	0.70
						Amount received (Rs.):2.11

(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.K.Sarumathi	Mr.G.Omkar	Civil Engineering	Testing, and Evaluation of Construction Materials	Prabhakar constructions, Chittoor	3 Months	0.70
Mr.G.Omkar	Mr.B.Ramu	Civil Engineering	Pavement Materials Testing and Quality Evaluation	Shree Industries, Bangarupalyam	3 Months	0.71
Dr.V.M Sounthararajan	Dr. N. SrinivasaRao	Civil Engineering	Performance Evaluation and Quality Assessment of Construction Materials	Om Sakthi Construction & Builders, Tirupathi	3 Months	0.81
						Amount received (Rs.):2.22

Total amount (Lacs) received for the past 3 years: 6.51

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.T.Yeswanth Sai	Efficacy of GO-based nanomaterials in customized cement mixtures, a review of recent research trends	12 Months	0.63	0.39	1 Scopus Paper Publication, 4 Patents,1 Conference,2 Model Making & 2 Text books
Dr. G. Omkar	Method and Apparatus for Designing and Optimizing Buildings Using Energy Efficiency and RES	12 Months	0.27	0.19	1 Patent, 2 Conference Papers & 2 Model Making & 1 Text book
Dr. A. Tamilarasan	Experimental Investigation of SCC with Partial Cement Replacement by Fly Ash Using M-Sand	12 Months	0.29	0.21	1 SCI Paper Publication, 2 Conference Papers & 2 Model Making
Mr.B Ramu	Intrinsic self-sensing concrete by Carbon Fibre along with Fly Ash	2 Months	0.11	0.08	1 Conference Paper & 2 Model Making
Mrs. J.Hemalatha	Planning, Analysis, Design and Quantity Estimation of G+10 Building Using STAAD Pro	2 Months	0.11	0.08	1 Conference Paper & 2 Model Making
Mr.M. Selvaganesh	Feasibility of using construction waste as replacement of fine aggregate-A review	4 Months	0.21	0.15	3 Conference Papers & 2 Model Making
Mr. P.Harshavardhan Reddy	Intelligent transportaion systems: A systematic review using a NLP approach	2 Months	0.11	0.08	1 Conference Paper & 2 Model Making
Mr.B.Yugandhar	Pervious Road	1 Month	0.09	0.06	2 Model Making Papers & 1 External Participation
Mrs. M Nohitha	Light Weight Structural Building	1 Month	0.09	0.06	2 Model Making Papers & 1 External Participation
Mr. Tipraj	Rainwater Harvesting	1 Month	0.03	0.02	1 Model Making
Mr.S.Ram Prasath	Impact of parameters on the properties of FA GPC hybrid optimisation approach	3 Months	0.08	0.05	1 SCI Paper Publication
			Amount received (Rs.): 2.02		

(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 G Omkar	Improving Non-Motorized Transportation Provision in a Socially Inclusive Way	2 Months	0.09	0.06	1 Conference Paper & 1 Model Making
Dr Sarumathi K	Comparative study on partial replacement of cement with quarry dust and rice husk ash	2 Months	0.10	0.07	2 Conference Papers
Dr V M Sounthararajan	Effect of Slag Based Hybrid Fiber Reinforced of High Strength of Concrete	2 Months	0.10	0.07	2 Conference Papers
Mr.T. Yeswanth Sai	Surface characteristics, pore size & enhanced chemical resistance using GO nano sheets in UF SCM	12 Months	0.29	0.22	1 SCI Paper Publication, 1 Conference Paper & 1 Model Making
Mrs.J.Hemalatha	Experimental Investigation on Partial Replacement of M-Sand by Steel Slag	2 Months	0.09	0.06	1 Conference Paper & 1 Model Making
Mr.B.Yugandhar	Use of Python Programming for Interactive Design of Steel Structural Elements	2 Months	0.09	0.06	1 Conference Paper & 1 Model Making
Mr.B.Ramu	Planning, Analysis and Design of Indoor Stadium Building by using Staad Pro	2 Months	0.09	0.06	1 Conference Paper & 1 Model Making
Mr.Tipraj	Geotechnical Investigation of BC Soil Incorporated with Plastic Waste as a Strength Enhancer	1 Month	0.05	0.04	1 Conference Paper
Mr. P. Harsha Vardhan Reddy	Soil Stabilization by using Fly Ash	1 Month	0.05	0.04	1 Conference Paper
Mr.S.Ram Prasath	Stabilization of Black Cotton Soil using Bio-enzyme	2 Months	0.13	0.09	1 Conference Paper & 2 Model Making
Mrs. M Nohitha	Accident Prevention System	1 Month	0.04	0.03	1 Model Making
Dr.N.Srinivasa Rao	Diamond Intersection Design	1 Month	0.04	0.03	1 Model Making
			Amount received (Rs.): 1.16		

(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
Mr.T. Murali Krishna	Experimental investigation on soil stabilization of using fiber material and brick powder	2 Months	0.09	0.06	1 Conference Paper & 1 Model Making
Mr. B Ramu	Analysis and design of multi-storey residential building (G+5) using staad pro.	2 Months	0.09	0.06	1 Conference Paper & 1 Model Making
Mrs.J.Hemalatha	A Study on Bitumen Modified with Crumb Rubber	2 Months	0.09	0.06	1 Conference Paper & 1 Model Making
Dr. Sarumathi. K	Experimental study on concrete using waste foundry sand	2 Months	0.09	0.06	1 Conference Paper & 1 Model Making
Mr. M. Vinoth Kumar	Influence of Bentonite for Strengthening the bearing capacity of Sandy soil	2 Months	0.05	0.04	1 Conference Paper
Mr. B Yugandhar	Assessment of concrete strength with replacing miscellaneous coarse aggregates	2 Months	0.05	0.04	1 Conference Paper
Mr. S Ram Prasath	Experimental investigation on concrete with partial replacement of sand by waste Granite powder	2 Months	0.14	0.10	2 Conference Paper & 1 Model Making
Mr. G Omkar	Study on impacts of poor drainage related performance of flexible highway pavements	3 Months	0.13	0.09	1 Conference Paper & 2 Model Making
Mr. Naresh Kumar.Y	Hydraulic Traffic Reduce System	1 Month	0.04	0.03	1 Model Making
Dr. V. M. Sounthara Rajan	Hydraulic Bridge	1 Month	0.04	0.03	1 Model Making
Dr.N.Srinivasa Rao	Enhancement of Bearing Capacity of Soil	1 Month	0.04	0.03	1 Model Making
			Amount received (Rs.): 0.85		

Total amount (Lacs) received for the past 3 years : 4.03

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	Geotechnical Engineering lab	4	1. Consolidation Test apparatus 2. Tri axial Shear Test apparatus 3.CBR apparatus 3. Direct Shear Test apparatus 4. Permeability Test apparatus 5. Densita	2 Slots III-I CE	Mrs. G. RojaRamani	Lab Technician	B.Tech
2	Concrete Technology Lab	5	1. Compression Testing Machine 2. Rebound Hammer 3.Vee-Bee Consistometer 4. Compaction Factor apparatus 5. Longitudinal Compresometer 6. 1. Pav	1 Slot II-II CE	Mr. KM. Devarajulu	Lab Technician	B.Tech

3	Engineering Geology Lab	4	1.Mineral Specimens 2. Rock Specimens 3.Geological Maps	1 Slot II-II CE	Mrs. G. RojaRamani	Lab Technician	B.Tech
4	Surveying Lab	5	1.Total Station with accessories 2.Theodolite with tripod 3. Dumpy level with tripod 4. Prismatic Compass with tripod 5. Plane Table with accessories	1 Slot II-I CE	Mr. M. Sudhakar	Lab Technician	B.Tech
5	CAD lab	1	1.AutoCad 2. STAAD Pro 3. BIM	2 Slots III-II CE	Mr. P. Robert	Lab Technician	B.Tech
6	Environmental Engineering Lab	4	1.Spectrophotometer or Nessler tubes 2. B.O.D. incubator 3.Jar Test Apparatus 4.Muffle Furnace 5. Dissolved Oxygen Apparatus 6. Conductivity Meter with	2 Slots III-II CE	Mr. M. Sudhakar	Lab Technician	B.Tech
7	Highway Engineering Lab	4	1. Marshal Stability Apparatus 2. Ductility Testing Machine 3.Los Angles Abrasion Testing Machine 4. Flash Point (Closed) Tester 5. Moisture Apparatus 6. Dispersometer 7. Soil Compaction Apparatus 8. Soil Compaction Machine 9. Soil Compaction Machine 10. Soil Compaction Machine	2 Slots III-II CE	Mrs. G. RojaRamani	Lab Technician	B.Tech
8	Fluid Mechanics and Hydraulic Machines Lab	5	1. Hydraulic Flume Unit 2. Orifices mouth pieces unit 3. Bernoulli's Apparatus 4. Centrifugal pump 5. Multistage centrifugal pump 6. Discharge pump 7. Pelton	2 Slots III-I CE	Mr. KM. Devarajulu	Lab Technician	B.Tech
9	Strength of Materials Lab	5	1. Universal Testing Machine of 400 kN (40T) Capacity 2. Torsion Testing Machine 3. Spring Testing Machine, 4000N 4. Compression testing machine 5000N 5. Rockwell	1 Slot II-I CE	Mr. P. Robert	Lab Technician	B.Tech
10	Engineering Mechanics lab	5	1.Parallelogram Law of forces 2. Triangular law forces 3. Bell Crank Lever Apparatus 4. Rotation Disc Apparatus 5. Uniform force table 6. Disc Related	1 Slot I-II CE	Mr. M. Sudhakar	Lab 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	Geotechnical Engineering Lab (GE LAB)	1. Students should wear shoes and a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Miniature Circuit Breakers (MCBs). 6. All the electrical equipment is earth insulated. 7. Spilled soils, materials, or liquids should be cleaned up immediately. 8. Work area must be neat and clean at all times. 9. Report faulty equipment to the lab instructor immediately. 10. Never attempt to repair machines yourself.
2	Concrete Technology Lab (CT LAB)	1. Students should wear shoes and a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Miniature Circuit Breakers (MCBs). 6. All the electrical equipment is earth insulated. 7. Before operating equipment, check the surroundings for any debris. 8. Place all the belongings out of the work area. 9. Report faulty equipment to the lab instructor immediately. 10. Do not play with valves, screws, and nuts of equipment.
3	Engineering Geology Lab (EG LAB)	1. Students should wear shoes and a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Do not touch stones and minerals without permission. 6. Count all stones before leaving the lab. 7. Do not use acids to identify minerals. 8. Do not split and powder the minerals. 9. Handle the rocks and minerals carefully. 10. Wash hands thoroughly after handling minerals and rocks.
4	Surveying Lab (SUR LAB)	1. Students should wear shoes and a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Protect from the sun by wearing caps during fieldwork. 6. Students are advised to carry water bottles and keep themselves hydrated during fieldwork. 7. Do not play with the equipment. 8. Handle the equipment with care. 9. Report faulty equipment to the lab instructor immediately. 10. Never attempt to repair equipment yourself.

5	CAD Lab	1. The student should wear a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Miniature Circuit Breakers (MCBs). 6. Data will be preserved using UPS Backup. 7. Before inserting the USB Stick, the Pen drives have to be scanned for any malicious content. 8. Keep all the Computers Updated with antivirus software. 9. Make Sure the Firewalls are enabled on every Computer. 10. Students should not attempt to repair, open, tamper or interfere with any of the computers, cabling, or other equipment in the laboratory.
6	Environmental Engineering Lab (EE LAB)	1. Students should wear a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Miniature Circuit Breakers (MCBs). 6. Keep hands away from face, mouth, eyes, and body while using toxic chemicals or equipment. 7. Wash acid, base, or any chemical spill off immediately. 8. Do not smell the substance. 9. Do not touch any chemical with your hands. 10. Do not casually dispose of chemicals down the drain.
7	Transportation Engineering Lab (TE LAB)	1. The student should wear a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Miniature Circuit Breaker's (MCB's). 6. Report faulty equipment to the lab instructor immediately. 7. Never leave experiments while in progress. 8. Before operating equipment check the surroundings for any debris. 9. All the electrical equipment has earth insulated. 10. Do not attempt to modify or alter laboratory equipment.
8	Fluid Mechanics and Hydraulic Machines Lab (FM&HM LAB)	1. The student should wear a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Miniature Circuit Breakers (MCBs). 6. Report faulty equipment to the lab instructor immediately. 7. Make sure all spilled liquids are wiped up immediately. 8. Do not play with valves, screws, and nuts of equipment. 9. Avoid standing on metal surfaces or wet concrete. 10. Never handle electrical equipment with wet skin.
9	Strength of Materials Lab (SOM LAB)	1. The student should wear a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Miniature Circuit Breakers (MCBs). 6. Report faulty equipment to the lab instructor immediately. 7. All the electrical equipment is earth insulated. 8. Do not play with valves, screws, and nuts of equipment. 9. The required specimen should be prepared in proper dimensions. 10. The surface of the test piece should be smooth, even, and free from oxide scale and foreign matter.
10	Engineering Mechanics Lab (EM LAB)	1. The student should wear a lab coat. 2. Usage of a fire extinguisher. 3. First Aid Box. 4. The Lab is under CC Camera surveillance. 5. Miniature Circuit Breakers (MCBs). 6. Report faulty equipment to the lab instructor immediately. 7. All the electrical equipment is earth-insulated. 8. Do not play with valves, screws, and nuts of equipment. 9. The required specimen should be prepared in proper dimensions. 10. The surface of the test piece should be smooth, even, and free from oxide scale and foreign matter.

D3. Project Laboratory/Research Laboratory

The Project/Research Laboratory is established with adequate equipment, software, and facilities to support student projects and research activities. The laboratory is utilized for conducting final-year projects, experimental investigations, innovation, and consultancy work. Regular maintenance and proper utilization of the facilities are ensured. The laboratory facilities contribute to the attainment of relevant POs and PSOs by developing students' practical, analytical, design, and research skills.

Table 7.5.1. List of project laboratory/ research laboratory/ centre of excellence

S.No	Name of the Laboratory
1	APSSDC Skill Exceelence Centre
2	Internet of Thingd Lab

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)	660	33	37	13	98
2024-25(CAYm1)	840	42	52	18	108
2025-26(CAY)	1200	60	61	22	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	70000000	68206346	60000000	53375227	40000000	36488561	100000000	97922292
Library	2000000	1580657	2000000	2118178	2000000	1516169	2000000	1431867
Laboratory equipment	7500000	7743989	6000000	5894280	5000000	5010293	8500000	6787922
Teaching and non-teaching staff salary	150000000	132861970	110000000	105656021	110000000	102595311	110000000	82703319
Outreach Programs	300000	186015	250000	252900	200000	156169	200000	166145
R&D	1200000	1748390	1200000	1158649	1200000	753370	1200000	1007337
Training, Placement and Industry linkage	5000000	4240738	4000000	3952976	2500000	2614170	1800000	747861
SDGs	1000000	941302	1000000	837137	1000000	812698	1000000	776401
Entrepreneurship	1500000	1362802	1500000	1436715	1000000	1072027	1000000	601192
Others, specify	150000000	134487316	110000000	115994724	110000000	105982531	100000000	92973857
Total	388500000	353359525	295950000	290676807	272900000	257001299	325700000	285118193

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	250000	244600	250000	240500	100000	47000	500000	402180

Software	250000	135982	250000	255375	100000	80039	0	0
SDGs	150000	121260	100000	83150	100000	61400	100000	75403
Support for faculty development	100000	111500	100000	100100	100000	84600	50000	48095
R & D	200000	120300	200000	181500	200000	171700	200000	152760
Industrial Training, Industry expert, Internship	300000	213600	300000	288900	200000	235000	100000	76079
Miscellaneous Expenses*	7000000	6618327	8000000	7316405	9000000	8893123	7000000	6657275
Total	8250000	7565569	9200000	8465930	9800000	9572862	7950000	7411792