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**: 1
Application No: 11538	**Date of Submission**: 13-02-2026

PART A- Profile of the Institute

A1.Name of the Institute: BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE	
Year of Establishment : 1997	Location of the Institute: Odalarevu
A2. Institute Address:ODALAREVU,ALLAVARAM MANDAL,EAST GODAVARI DIST,ANDHRA PRADESH	
City:--Select--	State:Andhra Pradesh
Pin Code:533210	Website:www.bvcec.edu.in
Email:bvce@bvcgroup.in	Phone No(with STD Code):08856-250045
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINAD	City: east Godavari
State : Andhra Pradesh	Pin Code: 533003
A4. Type of the Institution: Autonomous CAY(2018-19)	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **10**
- No. of PG programs: **8**

Table No. A6.1: List of all programs offered by the Institute.

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	PG	Advanced Manufacturing Systems	2012	--	Mechanical Engineering
2	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2021	--	Computer Science and Engineering
3	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	1998	--	Computer Science and Engineering
5	Engineering & Technology	PG	Computer Science and Engineering	2009	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2022	--	Computer Science and Engineering
7	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence and Data Science)	2020	--	Computer Science and Engineering
8	Engineering & Technology	UG	Electrical and Electronics Engineering	1997	--	Electrical and Electronics Engineering
9	Engineering & Technology	UG	Electronics & Communication Engineering	1997	--	Electronics and Communication Engineering
10	Engineering & Technology	PG	Embedded Systems	2009	--	Electronics and Communication Engineering
11	Engineering & Technology	UG	Information Technology	2024	--	Computer Science and Engineering
12	Engineering & Technology	UG	Mechanical Engineering	1997	--	Mechanical Engineering
13	Engineering & Technology	UG	Mining Engineering	2015	2016	Civil Engineering
14	Engineering & Technology	PG	Power Electronics	2010	--	Electrical and Electronics Engineering
15	Engineering & Technology	PG	Software Engineering	2011	2016	Computer Science and Engineering
16	Engineering & Technology	PG	Soil Mechanics & Foundation Engineering	2012	2021	Civil Engineering
17	Engineering & Technology	PG	Structural Engineering	2015	--	Civil Engineering
18	Engineering & Technology	PG	Thermal Engineering	2010	2021	Mechanical Engineering

A7. Programs to be considered for Accreditation vide this Application:

Table No. A7.1: List of programs to be considered for accreditation.

Name of the Department	Having Allied Departments	Name of the Program	Program Level
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	2021	60	2021	SOUTH-CENTRAL/1-9323262167/2021/ EOA 02-07-2021	Applying first time	--	--	0	4

Sanctioned Intake for Last Five Years for the Structural Engineering	
Academic Year	**Sanctioned Intake**
2025-26	60
2024-25	60
2023-24	60
2022-23	60
2021-22	60
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 :	Korakuti Hanumanthu
B. Nature of appointment:	Regular
C. Qualification:	M.Tech and Ph.D.

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE / Competent authority)	60	60	60	60	60	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	35	47	47	39	35	37	39
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	8	4	15	18	42	21
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	10	8	12	21	15
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	40	61	61	62	65	100	75

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	35	5	66.67
2024-25 (CAYm1)	60	47	6	88.33
2023-24 (CAYm2)	60	47	10	95.00

Average [(ER1 + ER2 + ER3) / 3] = 83.33≡ 17.00

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

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

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	78.00	162.00	141.00
B=No. of students who graduated from the program in the stipulated course duration	48.00	70.00	51.00
Success Rate (SR)= (B/A) * 100	61.54	43.21	36.17

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 46.97

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)	7.23	7.22	7.44
Y=Total no. of successful students	15.00	35.00	38.00
Z=Total no. of students appeared in the examination	51.00	54.00	43.00
API [X*(Y/Z)]	2.13	4.68	6.57

Average API[(AP1+AP2+AP3)/3] : 4.46

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)	7.89	7.39	7.54
Y=Total no. of successful students	36.00	51.00	49.00

Z=Total no. of students appeared in the examination	39.00	53.00	52.00
API [X * (Y/Z)]	7.28	7.11	7.10

Average API [(AP1 + AP2 + AP3)/3] : 7.16

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)	7.65	7.61	7.49
Y=Total no. of successful students	50.00	48.00	70.00
Z=Total no. of students appeared in the examination	51.00	49.00	74.00
API [X*(Y/Z)]:	7.50	7.45	7.09

Average API [(AP1 + AP2 + AP3)/3] : 7.35

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	78.00	162.00	141.00
X=No. of students placed	44.00	63.00	57.00
Y=No. of students admitted to higher studies	2.00	7.00	3.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	58.97	43.21	42.55

Average Placement Index = (P_1 + P_2 + P_3)/3: 48.24 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	Korakuti Hanumanthu	XXXXXXX54K	M.Tech and Ph.D.	Indian Institute of Technology Mandi	Structural Engineering	18/07/2024	1.6	Associate Professor	Associate Professor		Regular	Yes		Yes
2	Nandyala Siva Kumar	XXXXXXX90E	M.Tech and Ph.D.	Visvesvaraya National Institute of Technology Nagpur	Geotechnical Engineering	16/07/2024	0.9	Associate Professor	Associate Professor		Regular	No	07/05/2025	No
3	Chinta Sivanarayana	XXXXXXX16N	M.E.	Andhra University	Structural Engineering	01/06/2015	10.8	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Merugu Sweety Poornima Rau	XXXXXXX84M	M.Tech and Ph.D.	Visvesvaraya Technological University, Belagavi, Karnataka	Structural Engineering	10/03/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Venukamatchi Kameshwari	XXXXXXX93Q	M.E. and Ph.D.	Alagappa University	Industrial Chemistry & Engineering	18/01/2018	6.5	Professor	Professor		Regular	No	29/06/2024	No
6	Kusuma Sundara Kumar	XXXXXXX18Q	M.Tech and Ph.D.	JNTUK Kakinada	Environmental Engineering	01/06/2021	3	Associate Professor	Associate Professor		Regular	No	31/05/2024	No
7	Ravi Kumar	XXXXXXX29M	M.Tech and Ph.D.	National Institute of Technology Patna	Structural Engineering	08/05/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Bathula Hemaprasad	XXXXXXX59L	M.Tech	JNTUK Kakinada	Structural Engineering	11/12/2017	8.1	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Maddi Eswar Kumar	XXXXXXX02R	M.Tech	JNTUK Kakinada	Computer Aided Structural Engineering	03/04/2017	7.5	Assistant Professor	Assistant Professor		Regular	No	04/09/2024	No
10	Masta syama Ganeswari Priyanka	XXXXXXX73A	M.Tech	JNTUK Kakinada	Structural Engineering	16/01/2021	5	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Singampalli Sravanti	XXXXXXX07P	M.Tech	JNTUK Kakinada	Structural Engineering	09/01/2020	5.5	Assistant Professor	Assistant Professor		Regular	No	30/06/2025	No
12	Mudunuri Vamsi Mohana Varma	XXXXXXX22L	M.Tech	JNTUK Kakinada	Soil Mechanics and Foundation Engineering	20/02/2023	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Rahul Kumar Singh	XXXXXXX53C	M.E.	Anna University	Construction Engineering & Management	09/07/2021	4	Assistant Professor	Assistant Professor		Regular	No	12/07/2025	No

14	Pakkiri Gnanamoorthy	XXXXXXX52D	M.E.	Annamalai University	Structural Engineering	02/08/2021	3.11	Assistant Professor	Assistant Professor		Regular	No	16/07/2025	No
15	Vadapalli Pavan Kumar	XXXXXXX37A	M.Tech	JNTUK Kakinada	Transportation Engineering	04/03/2022	3.3	Assistant Professor	Assistant Professor		Regular	No	24/06/2025	No
16	Pasupuleti Nageswararao	XXXXXXX66Q	M.Tech	JNTUK Kakinada	Structural Engineering	20/07/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Magapu Durga	XXXXXXX93Q	M.Tech	JNTUK Kakinada	Structural Engineering	24/09/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Kajuluri Sai Anitha	XXXXXXX33B	M.Tech	JNTUK Kakinada	Structural Engineering	28/07/2023	1.9	Assistant Professor	Assistant Professor		Regular	No	15/05/2025	No
19	Vipparthi Anitha	XXXXXXX04R	M.Tech	JNTUK Kakinada	Structural Engineering	01/02/2025	1	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Rani Naga Satya Syamala	XXXXXXX46K	M.Tech	Andhra University (AU)	Geo Engineering	09/04/2025	0.9	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Bolisetti Lakshman Kumar	XXXXXXX90P	M.Tech	JNTU Kakinada	Structural Engineering	03/04/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Pullagura Rajesh	XXXXXXX61R	M.Tech	JNTUH Hyderabad	Structural Engineering	12/01/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Mukarla Rajesh Kumar	XXXXXXX91R	M.Tech	JNTUH Hyderabad	Structural Engineering	03/02/2023	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Divya Kalidindi	XXXXXXX24L	M.Tech	JNTUK Kakinada	Soil Mechanics and Foundation Engineering	11/03/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mandela Lalitha	XXXXXXX95R	M.Tech	JNTUK Kakinada	Structural Engineering	14/05/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Pilla Ravi Kishore	XXXXXXX62K	M.Tech	JNTUK Kakinada	Structural Engineering	07/06/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Neela Victor Babu	XXXXXXX23A	M.Tech and Ph.D.	Andhra University, Visakhapatnam	Geo - Engineering	01/06/2023	2.8	Professor	Professor		Regular	Yes		No

Table No.C2: Faculty details of Allied Departments for the past 3 years including CAY.

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):
UG1=1st UG program
UGn=nth UG program
B= No. of Students in UG 2nd year (ST)
C= No. of Students in UG 3rd year (ST)
D= No. of Students in UG 4th year (ST)
No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):
PG1=1st PG program.
PGm=mth PG program
A= No. of Students in PG 1st year
B= No. of Students in PG 2nd year
Student Faculty Ratio **(SFR)** = S/F
S= No. of students of all programs in the Department including all students of allied departments/clusters.
No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.
F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department1 No. of PG Programs in the Department1

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

Description	**CAY(2025-26)**	**CAYm1 (2024-25)**	**CAYm2 (2023-24)**
UG1.B	66	66	66
UG1.C	66	66	66
UG1.D	66	66	132
UG1: Civil Engineering	**198**	**198**	**264**
PG1.A	18	18	18
PG1.B	18	18	18
PG1: Structural Engineering	**36**	**36**	**36**
DS=Total no. of students in all UG and PG programs in the Department	234	234	300
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=** 234	**S2=** 234	**S3=** 300
DF=Total no. of faculty members in the Department	18	18	19
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=** 18	**F2=** 18	**F3=** 19
FF=The faculty members in F who have a 100% teaching load in the first-year courses	2	2	2
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 14.63**	**SFR2= 14.63**	**SFR3= 17.65**
Average SFR for 3 years	**SFR= 15.64**		

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)	4	14	11.00	21.82
2024-25(CAYm1)	4	14	11.00	21.82
2023-24(CAYm2)	3	16	14.00	16.79

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	1.00	2.00	1.00	7.00	16.00
2024-25	1.00	1.00	2.00	2.00	7.00	15.00
2023-24	1.00	2.00	3.00	1.00	10.00	16.00
Average	RF1=1.00	AF1=1.33	RF2=2.33	AF2=1.33	RF2=8.00	AF2=15.67

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. G. Hari Phaneendra Vardhan	Senior Engineer	MSLGPROJECTS LTd. Company, Hyderabad	Estimation, Specifications & Contracts	53.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. G. Hari Phaneendra Vardhan	Senior Engineer	MSLGPROJECTS LTd. Company, Hyderabad	Basics of Stadd Pro	57.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. P. Chaitanya Kumar	Senior Engineer	Kolla Group Company, Hyderabad	Basics of Stadd Pro	58.00

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	15	12	13
2	No. of peer reviewed conference papers published	2	2	2
3	No. of books/book chapters published	0	0	0

C7. Sponsored Research Project

Table No. C7.1: List of sponsored research projects received from external agencies.

(CAYm1)

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. Ravi Kumar	Mr. Chinta Sivanarayana	Civil Engineering	Empowering Tribal Fishing Community Through Development Of Innovative And Standardized Smoking Kilns And Improvised Traditional Fishing Gears	DST, Government of India	3 Years	141.19
						Amount received (Rs.):141.19

(CAYm2)

(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. Kusuma Sundara Kumar	Dr. Venukamatchi Kameshwari	Civil Engineering	Science And Technology Intervention To Make Low-Cost Fish Dryer To Enhance Socio-Economic Status Of St Fishing Community Of Konaseema Region	DST, Government of India	3 Years	38.63
						Amount received (Rs.):38.63

Total Amount (Lacs) Received for the Past 3 Years: 179.82

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. Korakuti Hanumanthu	Mrs. Masta syama Ganeswari Priyanka	Civil Engineering	Structural Design and Analysis of Smart Reinforced Concrete Building Systems	Samagra creative works	Two Years	3.70
Dr. Ravi Kumar	Ms. Magapu Durga	Civil Engineering	Development of Smart Water Distribution Monitoring System for Urban Infrastructure	Samagra creative works	Two Years	3.40
						Amount received (Rs.):7.10

(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
Ms. Singampalli Sravanti	Mr. Pilla Ravi Kishore	Civil Engineering	Design and Implementation of Sustainable Stormwater Drainage Management System	Samagra creative works	Two Years	3.20
Mr. Pullagura Rajesh	Mr. Mukarla Rajesh Kumar	Civil Engineering	Structural Health Monitoring System for Bridges using IoT Sensors	Samagra creative works	Two Years	4.10
						Amount received (Rs.):7.30

(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
Mr. Chinta Sivanarayana	Mr. Rahul Kumar Singh	Civil Engineering	Development of Smart Traffic Monitoring and Road Safety Infrastructure Model	Samagra creative works	Two Years	3.60
Dr. Kusuma Sundara Kumar	Mr. Vadapalli Pavan Kumar	Civil Engineering	Geotechnical Investigation and Foundation Design for Infrastructure Projects	Samagra creative works	Two Years	3.10
						Amount received (Rs.):6.70

Total amount (Lacs) received for the past 3 years: 21.10

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. Korakuti Hanumanthu	Identifying the suitable techniques to minimize the heat of solar roof tiles	8 months	0.33	0.30	Prototype
Dr. KusumaSundara Kumar	Application of Sensors in Structural Health Monitoring	10 months	0.45	0.42	Paper published
Mr. Chinta Sivanarayana	Damage detection in RC Beams Based on Wavelet Packet Analysis using PZT Sensors	9 months	0.40	0.37	Paper published
Mr. BolisettiLakshman Kumar	Statistical Analysis of Strength and Durability of Concrete in Brakish Water Environment	9 months	0.28	0.26	Paper published
Dr. Venukamatchi Kameshwari	Hybrid Fiber reinforced SCC	7 months	0.30	0.28	Paper published
			Amount received (Rs.): 1.76		

(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. Rahul Kumar Singh	GGBS based Geo polymer concrete	7 months	0.25	0.22	Paper Published
Mrs. MatsaSyamaGaneswariPriyanka	Replacement of Cement with Bagasse Ash and Glass Powder as Fine Aggregate	8 months	0.30	0.27	Paper Published
Mr. NageswararaoPasupuleti	Study of Plain Cement Concrete Containing Quartz	9 months	0.33	0.30	Paper Published
Mr. PakiriGnanamoorthy	Partial Replacement of Cement by Natural Pumice Powder and Polypropylene	7 months	0.32	0.31	Paper Published
Dr. Ravi Kumar	Modified concrete	8 months	0.22	0.20	Paper Published
			Amount received (Rs.): 1.42		

(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. Kusuma Sundara Kumar	Replacement of cement with Nano-silica	7 Months	0.25	0.22	Paper Published
Dr. Neela Victor Babu	Basalt Fiber reinforced concrete	8 months	0.26	0.24	Paper Published
Dr. Venukamatchi Kameshwari	Durability behavior of concrete	6 Months	0.30	0.28	Paper Published
Mr. Chinta Sivanarayana	Graphene Oxide Reinforced Concrete	5 Months	0.32	0.30	Paper Published
Mr. Pasupuleti Nageswararao	Expansive soil stabilization with Corn-cob ash and Coir Fiber	9 Months	0.20	0.17	Paper Published
			Amount received (Rs.): 1.33		

Total amount (Lacs) received for the past 3 years : 4.51

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	Engineering Mechanics & Building Practices lab	4	Grave sand's Apparatus, A Graduated Wooden beam, Bell-Crank Lever, Inclined Plane apparatus, Flywheel Apparatus, Single, Double	Even Semeste	Mr. Katadi Mahesh	Jr. Lab Asst.	B.Tech
2	Surveying Lab	4	Theodolite,Leveling instruments, Total station instrument,	Odd Semester:	Mr. Katadi Mahesh	Jr. Lab Asst.	B.Tech
3	Strength of Materials Lab	4	Universal Testing Machine, Hardness Testing Machine, Torsion Testing Machine, Spring Testing Machine, Impact Testing Machine	Odd Semester:	Mr. Attilli Sandeep	Jr. Lab Asst.	B.Tech
4	Concrete Technology Lab	4	Flexural strength testing machine, Ductility apparatus running, Los angles abrasion testing machine, Rebound hammer, Universal testing machine	Even Semeste	Mr. Katadi Mahesh	Jr. Lab Asst.	B.Tech
5	Engineering Geology Lab	4	Sedimentary rocks, Igneous rocks, Metamorphic rocks, Granite rocks, Marble rocks, Basalt rocks	Even Semeste	Ms. Dharmavarapu Bha	Jr. Lab Asst.	B.Tech
6	Geotechnical Engineering Lab	4	California bearing testing machine, Direct shear testing machine, Consolidation apparatus, Unconfined compression testing, Plate load testing machine	Odd Semester:	Mr. Attilli Sandeep	Jr. Lab Asst.	B.Tech
7	Fluid Mechanics& Hydraulic Machines Lab	4	Venturi meter, Orifice meter, Pipe friction Apparatus, Centrifugal Pump, Pelton Wheel, Francis Turbine test rig, Turbine, Flowmeter, Multi Stage Centrifugal	ODD Semeste	Mr. Attilli Sandeep	Jr. Lab Asst.	B.Tech
8	Environmental Engineering Lab	4	BOD incubator, Digital incubator, Hot air oven plate, Muffle France, Digital do meter, UV-vis Spectro photometer	Even Semeste	Ms. Dharmavarapu Bha	Jr. Lab Asst.	B.Tech
9	High Way Engineering lab	4	Marshall stability test apparatus, Penetrometer apparatus, Ring &ball apparatus, Flash &fire point apparatus, Trai viscometer apparatus	Even Semeste	Mr. Katadi Mahesh	Jr. Lab Asst.	B.Tech
10	CAD Lab	4	Computer systems = 30 Numbers, i5 Processor. Auto Cad Software	Odd Semester:	Ms. Dharmavarapu Bha	Jr. Lab Asst.	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	Engineering Mechanics & Building Practices Lab	Wear proper personal protective equipment (helmet, gloves, safety shoes) at all times. Ensure machines and tools are checked before use and handled only under instructor supervision. Keep the work area clean and dry to prevent slips, trips, and falls. Do not overload testing equipment and follow standard operating procedures strictly. Switch off equipment after use and report any damage or accidents immediately. CCTV Surveillance.
2	Surveying Lab	Handle surveying instruments carefully and use them only under faculty supervision. Ensure proper tripod stability before setting up any instrument. Avoid working near traffic and use safety vests and warning signs during field surveys. Protect instruments from dust, rain, and direct sunlight when not in use. Return all instruments after use and report any damage immediately. CCTV Surveillance, helmet.
3	Strength of Materials Lab	Wear safety shoes and protective gloves while conducting experiments. Check testing machines, grips, and specimens before applying load. Do not exceed the specified load limits of testing equipment. Keep hands clear of moving parts during loading and unloading. CCTV Surveillance.
4	Concrete Technology Lab	Wear gloves, safety shoes, and masks while handling cement and aggregates. Avoid direct contact with wet concrete to prevent skin irritation. Operate mixers, vibrators, and testing equipment only under supervision. Keep the laboratory clean and free from spilled materials. Wash hands thoroughly after work and report any injury or equipment damage immediately. CCTV Surveillance.
5	Engineering Geology Lab	Handle rock and mineral specimens carefully to avoid cuts and injuries. Wear safety goggles and gloves while performing tests and sample preparation. Use geological tools and equipment only as instructed by the lab staff. Keep specimens and tools properly stored after use. Report any damage, spillage, or injury immediately to the instructor. CCTV Surveillance.
6	Geotechnical Engineering Lab	Wear safety shoes, gloves, and masks while handling soil samples. Ensure testing equipment is properly calibrated and operated under supervision. Keep hands clear of moving and rotating parts of testing machines. Maintain a clean and dry working area to avoid slips and contamination of samples. Switch off equipment after use and report any damage or accidents immediately. CCTV Surveillance, Antivirus and firewall.
7	Fluid Mechanics & Hydraulic Machines Lab	Proper earthing of electrical equipment Leak-proof piping and dry floors to avoid slipping Clear indication of pressure limits on meters
8	Environmental Engineering Lab	Wear lab coats, gloves, and safety goggles while handling chemicals and samples. Avoid direct contact with wastewater and chemicals; wash hands after experiments. Use chemicals and glassware carefully under faculty supervision. Do not inhale fumes; work in well-ventilated areas or fume hoods. Dispose of chemical and biological waste only in designated containers. CCTV Surveillance.
9	Highway Engineering Lab	Wear safety shoes, gloves, and masks while handling bitumen and aggregates. Heat bitumen and samples carefully using proper equipment and supervision. Avoid direct contact with hot materials to prevent burns and injuries. Keep the laboratory clean and free from spilled aggregates or bitumen. Switch off heating devices after use and report any accidents or equipment damage immediately. CCTV Surveillance.
10	CAD Lab	Maintain proper seating posture to avoid strain on eyes, neck, and back. Do not touch electrical connections with wet hands. Handle computers and peripherals carefully and responsibly. Keep food and liquids away from computer systems. Shut down systems properly after use and report any technical issues immediately. CCTV Surveillance, Antivirus and firewall.

D3. Project Laboratory/Research Laboratory

S. No.	Name of the Laboratory	Equipment
1	Project Lab	• Computer Systems with internet -5 • Legacy Project Prototypes • Printer • Scanner • LCD Projector • CC Camera
2	Research & Development Lab	• Computer Systems with internet-5 • Drafting, Modeling & Analysis Software: ACT CAD, SOLIDWORKS, ANSYS, ABAQUS • Access to e-journals • Scanner • LCD Projector • CC Camera
3	Centre of Excellence – Robotics and Artificial Intelligence	• Micro-controller, Control boards • Arduino-UNO R3 • Robotic based Kits • Sensors-IR,LDR • Value added visual components • Displays & Outputs • CCTV • Printer • Scanner

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	11	96
2024-25(CAYm1)	780	39	42	11	92
2025-26(CAY)	780	39	42	11	92

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	400	397.63	110	109.54	77	76.72	93	92.71
Library	7	6.98	10	9.84	16	15.53	8	7.95
Laboratory equipment	24	23.12	61	60.30	34	33.52	66	65.67
Teaching and non-teaching staff salary	1257	1255.27	1273	1271.72	1119	1117.28	1024	1023.98
Outreach Programs	0	0	0.45	0.41	0.95	0.92	0	0
R&D	10	6.74	16	11.43	15	10.68	18	16.43
Training, Placement and Industry linkage	32	30.87	12	11.86	25	23.35	18	17.51
SDGs	14	13.77	32	30.75	21	20.31	27	25.21
Entrepreneurship	6	5.23	6	5.03	5	4.31	4	3.80
Others, specify	250	249.83	700	698.12	510	504.50	450	447.24
Total	**2000**	**1989.44**	**2220.45**	**2209.00**	**1822.95**	**1807.12**	**1708**	**1700.50**

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	2.00	1.93	5.50	5.24	4.00	3.72	8.60	8.57
Software	2.00	0	2.00	0	2.00	1.00	2.00	0
SDGs	1.60	1.15	3.00	2.67	2.60	2.26	3.50	3.29

Support for faculty development	2.00	1.60	3.00	2.70	3.00	2.70	2.00	1.60
R & D	1.00	0.56	1.76	1.63	1.42	1.30	2.50	2.14
Industrial Training, Industry expert, Internship	4.50	4.02	2.75	2.48	4.00	3.99	4.00	3.68
Student Activities	1.00	0.60	1.00	0.55	1.00	0.50	1.00	0.50
Total	**14.10**	**9.86**	**19.01**	**15.27**	**18.02**	**15.47**	**23.60**	**19.78**