NATIONAL BOARD OF ACCREDITATION

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

PART-A: Profile of the Institute

Name of the Program Applied for: B.Tech - Civil Engineering

A1: Name of the Institute: SR University

Year of Establishment: 2002 **Location of the Institute:** Warangal

A2: Institute Address: -

City	: Warangal	**State :**	Telangana
Pin Code	: 506371	**Website:**	www.sru.edu.in
E-mail	: registrar@sru.edu.in	**Phone No (with STD Code):**	0870-281833

A3: Name and Address of the Affiliating University (If any): NA

A4: Type of the Institution: - (Tick the applicable choice)

Institute of National Importance	Deemed University
University ✓	Autonomous
Non-Autonomous (Affiliated)	Any other (Please specify) *

***Provide Details:**_____

A5: Ownership Status: - (Tick the applicable choice)

Central Government	State Government
Government Aided	**Self-financing** ✓
Any Other (Please specify) *	*Provide Details:

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

- No. of UG programs: **11**
- No. of PG programs : **08**

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

S. No.	Level of program (UG/PG)	Name of the program	Year of Start	Name of the Department
1	UG	B.Tech. - Civil Engineering	2009	Civil Engineering
2	UG	B.Tech. - Electrical & Electronics Engineering	2002	Electrical and Electronics Engineering
3	UG	B.Tech. - Mechanical Engineering	2004	Mechanical Engineering
4	UG	B.Tech. - Electronics & Communication Engineering	2002	Electronics and Communication Engineering
5	UG	B.Tech. – Electronics & Communication Engineering (Artificial Intelligence and Machine Learning)	2023	Electronics and Communication Engineering
6	UG	B.Tech. - Computer Science and Engineering	2002	Computer Science and Engineering
7	UG	B.Tech. - Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2020	Computer Science and Engineering
8	UG	B.Tech. - Computer Science and Engineering (Cyber Security)	2023	Computer Science and Engineering
9	UG	B.Tech. - Computer Science and Engineering (Data Science)	2020	Computer Science and Engineering
10	UG	BBA - Bachelor of Business Administration	2020	Management
11	UG	B.Sc. (Hons) Agriculture	2020	Agriculture
12	PG	M.Tech. - Construction Technology and Management	2020	Civil Engineering
13	PG	M.Tech. - Power Electronics	2008	Electrical and Electronics Engineering
14	PG	M.Tech. - Advanced Manufacturing Systems	2012	Mechanical Engineering
15	PG	M.Tech. - Electronics Design & Technology	2013	Electronics and Communication Engineering
16	PG	M.Tech. - Embedded Systems	2008	Electronics and Communication Engineering
17	PG	M.Tech. - Computer Science and Engineering	2009	Computer Science and Engineering
18	PG	MCA - Master of Computer Applications	2023	Computer Science and Engineering
19	PG	MBA - Masters in Business Administration	2006	Management

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

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

S.No.	Name of the Department	Name of the Program
1	Civil Engineering	B.Tech. - Civil Engineering
2	Computer Science and Engineering	B.Tech. - Computer Science and Engineering
3	Electrical & Electronics Engineering	B.Tech. - Electrical & Electronics Engineering
4	Electronics & Communication Engineering	B.Tech. - Electronics & Communication Engineering
5	Mechanical Engineering	B.Tech. - Mechanical Engineering

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

S.No.	Name of the Department (in table no. A7.1)	Name of allied Departments/Cluster (for table no. A7.1)
	NA	**NA**

PART-B: Program information

B1: Provide the Required Information for the Program Applied For: -

Table No. B1: Program details.

Name of Program	Program Applied level	Year of Start	Year of AICTE/ Competent Authority approval	Initial Intake	Intake Increase	Current Intake	AICTE/ Competent Authority Approval Details	Accreditation Status	No. of Times Program Accredited	Program for Duration
B.Tech. - Civil Engineering	UG	2009	2021	60	Yes	60	Minutes of Board of Management meeting dated: 12-02-2021	Granted accreditation for 3 years (2019-2022) and for 3 years (2022-2025) upon submission of compliance report	1	4

Sanctioned Intake for Last Five Years for the Civil Engineering	
Academic Year	**Sanctioned Intake**
2024-25	60
2023-24	60
2022-23	60
2021-22	60
2020-21	120
2019-20	120

B2: Detail of Head of the Department for the program under consideration:

A. Name of the HoD: Dr. Padala Rajashekar

B. Nature of appointment: (Tick the applicable choice)

- ❖ **Regular** ✓
- ❖ Contract
- ❖ Ad hoc

C. Qualification: (Tick the applicable choice)

- ❖ **Ph.D.** ✓
- ❖ ME/M.Tech
- ❖ Any other*

***Please provide details:**_____

B3: Program Details

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

Item (Information is 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	60	60	52	42	44	84	91
N2= Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	6	14	18	22	34	41
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	6	2	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.	66	68	66	60	66	118	132

B4: Enrolment Ratio in the First Year

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

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)
N= Sanctioned intake of the program in the 1st year (as per AICTE / Competent authority)	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	60	60	52
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	6	2	0
Enrolment Ratio (ER)= (N1+N4)/N	110.00	103.33	86.67
Average ER= (ER_1+ ER_2+ ER_3)/3	100.00		

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).	66	118	132
B=No. of students who graduated from the program in the stipulated course duration	60	105	113
Success Rate (SR)= (B/A)*100	90.91	88.98	85.61
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	88.50		

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	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
X= (Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	6.20	6.85	6.92
Y= Total no. of successful students	42	40	29
Z = Total no. of students appeared in the examination	55	49	40
API = X* (Y/Z)	4.73	5.59	5.02
Average API = (API_1 + API_2 + API_3)/3	5.11		

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	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
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)	7.32	7.75	7.16
Y= Total no. of successful students	57	48	54
Z =Total no. of students appeared in the examination	64	57	62
API = X* (Y/Z)	6.52	6.53	6.24
Average API = (API_1 + API_2 + API_3)/3	6.43		

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	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
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)	8.38	8.12	7.57
Y= Total no. of successful students	52	54	96
Z= Total no. of students appeared in the examination	59	64	108
API = X* (Y/Z)	7.39	6.85	6.73
Average API = (API_1 + API_2 + API_3)/3	6.99		

B9: Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1 (2020-21)	LYGm2 (2019-18)
FS*=Total no. of final year students	66	118	132
X= No. of students placed	32	74	80
Y= No. of students admitted to higher studies	11	19	15
Z= No. of students taking up entrepreneurship	0	0	0
X + Y + Z =	43	93	95
Placement Index (P) = (((X + Y + Z)/FS) * 100)	65.15	78.81	71.97
Average placement index = (P_1 + P_2 + P_3)/3	71.98		

PART C: Faculty Details in 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

S.No.	Name of the Faculty	Highest Degree	University Name	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	Date (Designated as Prof/ Assoc. Prof.)	Nature of Association (Regular/ Contract/ Ad hoc)	If Contractual Mention Full time or (Part time or hourly based)	Currently Associated (Yes/No)	Date of Leaving(in case of NO)
1	Srinivas Akula	M.Tech	JNTU, Hyderabad	Structural Engineering	17-02-2017	9.2	Asst. Professor	Asst. Professor	17-02-2017	Regular	NA	Yes	
2	Swamy Yadav G	M.Tech	Osmania University, Hyderabad	Structural Engineering	12-04-2018	8.0	Asst. Professor	Asst. Professor	12-04-2018	Regular	NA	Yes	
3	Sandela Hari Priya	M.Tech	JNTU, Hyderabad	Structural Engineering	02-11-2016	7.9	Asst. Professor	Asst. Professor	02-11-2016	Regular	NA	No	05-08-2024
4	Shyamala G	Ph.D	Anna University, Chennai	Environmental Engineering	26-06-2018	7.9	Professor	Professor	26-06-2018	Regular	NA	Yes	
5	G Sangeetha	M.Tech	Banasthali Vidyapeeth	Remote Sensing	01-08-2018	7.8	Asst. Professor	Asst. Professor	01-08-2018	Regular	NA	Yes	

6	Prabhanjan N	M.Tech	JNTU, Hyderabad	Transportation Engineering	14-12-2017	7.5	Asst. Professor	Asst. Professor	14-12-2017	Regular	NA	No	06-06-2025
7	Poongodi K	Ph.D	Anna University, Chennai	Construction Engineering and Management	12-06-2018	7.10	Professor	Professor	12-06-2018	Regular	NA	Yes	
8	K Rajesh Kumar	Ph.D	Anna University, Chennai	Structural Engineering	01-05-2018	7.0	Assoc. Professor	Professor	01-07-2024	Regular	NA	No	02-05-2025
9	Murthi P	Ph.D	Anna University, Chennai	Structural Engineering	03-07-2018	7.0	Professor	Professor	03-07-2018	Regular	NA	No	31-07-2025
10	Gobinath R	Ph.D	VIT Vellore	Soil Strength	28-12-2017	6.9	Assoc. Professor	Professor	01-07-2019	Regular	NA	No	16-10-2024
11	M Guru Prasad	M.Tech	JNTU, Hyderabad	Structural Engineering	01-11-2016	6.8	Asst. Professor	Asst. Professor	01-11-2016	Regular	NA	No	15-07-2023
12	Sritam Swapnadarshi Sahu	Ph.D	IIT Guwahati, Assam	Construction Engineering and Management	11-05-2020	5.11	Asst. Professor	Asst. Professor	11-05-2020	Regular	NA	Yes	
13	Nigitha D	Ph.D	NIT, Tiruchirappalli	Geotechnical Engineering	29-07-2020	4.9	Asst. Professor	Asst. Professor	29-07-2020	Regular	NA	No	26-05-2025
14	Maduri Swathi Kiran	M.Tech	JNTU, Hyderabad	Urban Transportation Engineering	01-05-2019	4.5	Asst. Professor	Asst. Professor	01-05-2019	Regular	NA	No	12-10-2023
15	Praveen Kumar Ch	Ph.D	IIT, Bombay	Water Resource Engineering	16-03-2020	4.2	Asst. Professor	Asst. Professor	16-03-2020	Regular	NA	No	31-05-2024
16	Sahithi G	M.Tech	Repubblica Italiana	Transport Systems Engineering	02-06-2018	4.11	Asst. Professor	Asst. Professor	02-06-2018	Regular	NA	No	05-05-2023

17	S Vinay	Ph.D	Vishweshwaraiah Technological University, Belagavi	Civil Engineering	20-07-2020	3.3	Asst. Professor	Asst. Professor	20-07-2020	Regular	NA	No	27-10-2023
18	M Sravanthi	M.Tech	Kakatiya University	Structural & Construction Engineering	11-03-2020	3.2	Asst. Professor	Asst. Professor	11-03-2020	Regular	NA	No	31-05-2023
19	Arul Poomalai P	Ph.D	IIT, Hyderabad	Environmental Engineering	06-07-2020	3.10	Asst. Professor	Asst. Professor	06-07-2020	Regular	NA	No	30-05-2024
20	Sanga Lasya Priya	M.Tech	JNTU, Hyderabad	Structural Engineering	15-03-2023	3.1	Asst. Professor	Asst. Professor	15-03-2023	Regular	NA	Yes	
21	Kankanala Srujana	M.Tech	Kakatiya University	Structural Engineering	27-02-2023	3.1	Asst. Professor	Asst. Professor	27-02-2023	Regular	NA	Yes	
22	Litan Debnath	Ph.D	NIT, Agartala	Geotechnical Engineering	03-08-2021	2.3	Asst. Professor	Asst. Professor	03-08-2021	Regular	NA	No	17-11-2023
23	Jnyanendra Kumar Prusty	Ph.D	IIT Guwahati	Structural Engineering	08-05-2023	2.11	Asst. Professor	Asst. Professor	08-05-2023	Regular	NA	Yes	
24	Arpitha Baronia	Ph.D	Moulana Azad National Institute of Technology, Bhopal	Remote Sensing	11-08-2023	1.9	Asst. Professor	Asst. Professor	11-08-2023	Regular	NA	No	02-06-2025
25	P Swamy Naga Ratna Giri	Ph.D	NIT, Warangal	Structural Engineering	12-07-2024	1.9	Asst. Professor	Assoc. Professor	12-07-2024	Regular	NA	Yes	
26	Prakhash N	Ph.D	SRM Institute of Science and Technology, Chennai	Structural Engineering	09-08-2024	1.8	Asst. Professor	Asst. Professor	09-08-2024	Regular	NA	Yes	
27	Dayakar T	Ph.D	JNTU, Hyderabad	Nano Science & Technology	13-06-2022	1.11	Asst. Professor	Asst. Professor	13-06-2022	Regular	NA	No	12-06-2024

28	Padala Raja Shekar	Ph.D	NIT, Tiruchirappalli	Water Resources Engineering	13-08-2024	1.10	Assistant Professor	Assistant Professor	13-08-2024	Regular	NA	Yes	
29	Vishnupriyan M	Ph.D	SRM Institute of Science and Technology, Chennai	Structural Engineering	03-06-2024	1.10	Assistant Professor	Assistant Professor	03-06-2024	Regular	NA	Yes	
30	Dr.N.Muni Pradeep	Ph.D.	Indian Institute of Technology	Geotechnical Engineering	10-04-2025	1.0	Asst. Professor	Asst. Professor	10-04-2025	Regular	NA	Yes	
31	Dr.Sujay Vipulbhai	Ph.D.	Indian Institute of Technology, Gandhinagar	Geotechnical Engineering	15-04-2025	1.0	Asst. Professor	Asst. Professor	15-04-2025	Regular	NA	Yes	
32	Dr.Ketan Kumar Nandi	Ph.D.	Indian Institute of Technology, Guwahati	Civil Engineering	14-07-2025	0.9	Asst. Professor	Asst. Professor	14-07-2025	Regular	NA	Yes	
33	Dr.Guntakala Venkatanaga Chandra	Ph.D.	Indian Institute of Technology, Guwahati	Environmental Engineering	21-07-2025	0.8	Asst. Professor	Asst. Professor	21-07-2025	Regular	NA	Yes	
34	Dr.Gaurav Tyagi	Ph.D.	The Birla Institute of Technology & Science	Structural Engineering	29-07-2025	0.8	Assoc. Professor	Assoc. Professor	29-07-2025	Regular	NA	Yes	
35	Dr.Gomasa Ramesh	Ph.D.	Mahindra Unviersity	Structural Engineering	04-08-2025	0.8	Asst. Professor	Asst. Professor	04-08-2025	Regular	NA	Yes	
36	Dr.A.Sandeep Reddy	Ph.D	Institute of Infrastructure, Technology, Research and Management	Civil Engineering	05-06-2025	0.6	Asst. Professor	Asst. Professor	05-06-2025	Regular	NA	No	31-12-2025

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)).

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

Description	CAY (2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
UG1.B	66	66	66
UG1.C	66	66	66
UG1.D	66	66	132
UG1: Civil Engineering	198	198	264
PG1.A	10	10	10
PG1.B	10	10	10
PG1: Construction Technology and Management	20	20	20
DS=Total no. of students in all UG and PG programs in the Department	218	218	284
AS=Total no. of students of all UG and PG programs in allied departments	-	-	-
S=Total no. of students in the Department (DS) and allied departments (AS)	218	218	284
DF=Total no. of faculty members in the Department	19	18	19
AF= Total no. of faculty members in the allied Departments	-	-	-
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	19	18	19
FF=The faculty members in F who have a 100% teaching load in the first-year courses	2	4	3
Student Faculty Ratio (SFR)=S/(F-FF)	12.82	15.57	17.75
Average SFR for 3 years	**SFR= 15.38**		

C3: Faculty Qualification

Table No.C3.1: Faculty qualification

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF)]
CAY (2025-26)	14	5	11	36.70
CAYm1 (2024-25)	12	6	11	32.73
CAYm2 (2023-24)	12	7	14	26.43

C4: Faculty Cadre Proportion

Table No.C4.1: Faculty cadre proportion details

Year	Professors		Associate Professors		Assistant Professors	
	Required Faculty (RF1)	Available Faculty (AF1)	Required Faculty (RF2)	Available Faculty (AF2)	Required Faculty (RF3)	Available Faculty (AF3)
CAY (2025-26)	1	2	2	2	7	15
CAYm1 (2024-25)	1	4	2	0	7	18
CAYm2 (2023-24)	2	5	3	0	9	14
Average Numbers	1.33	3.67	2.67	0.67	8.00	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

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
2024-25 (CAYm1)				
1	Dr. Mude Hanumana Naik	Adjunct faculty & Simpliforge Creations	Steel Structures	5
2	Dr. Sandeep Reddy	Adjunct faculty & Ra Sustainability	Sustainability and Ethical Innovation	10
Total no. of hours:				**15**
2023-24 (CAYm2)				
1	Dr. A. Selvakumar	Project Manager & Pro Built Civil Construction And Building Maintenance L.L.C. Musaffah | Abu Dhabi | UAE	Repair and Rehabilitation of Structures	25
2	Sri N.Srinivas Rao	Regional Head Technical & Ultratech Cement Ltd.	Quality Management in Construction Projects	30

3	Sri N.Srinivas Rao	Regional Head Technical & Ultratech Cement Ltd.	Concrete Technology	25
Total no. of hours:				**80**
2022-23 (CAYm3)				
1	Sri. Dhanunjaya V	Proprietor & Dhanu Associates	Construction Management and Engineering Economics	30
2	Dr. M. Sri Rama Chand	Proprietor and Licensed Structural Engineer & Sreshta Engineers	Structural Analysis - II	25
3	Dr. M. Sri Rama Chand	Proprietor and Licensed Structural Engineer & Sreshta Engineers	Sustainability in Construction	30
Total no. of hours:				**85**

C6: Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)
1	No. of peer reviewed journal papers published	39	20	22
2	No. of peer reviewed conference papers published	32	26	25
3	No. of books/book chapters published	5	10	2

C7: Sponsored Research Project

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

S.No.	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)
2024-25 (CAYm1)							
1	Dr. P. Rajashekar	-	Civil Engineering	Sustainable Geopolymer Concrete Mix Design Optimization and Strength Prediction Using Industrial Waste Materials	Redeem Industries Private Limited	12 Months	1.86
Amount received (Rs.)							**1.86**
2023-24 (CAYm2)							
1	Dr. R. Gobinath	-	Civil Engineering	Experimental Assessment of Aramid Fiber Wrapping Configurations for Joint Rehabilitation	Hilt Brands India Private Limited	1 Year	1.70
Amount received (Rs.)							**1.70**

2022-23 (CAYm3)							
1	Dr. G. Shyamala	-	Civil Engineering	Structural Behavior of Fiber-Reinforced Concrete Slabs with Embedded Biaxial Geogrids	Saptam Corporation	1 Year	0.97
						Amount received (Rs.)	**0.97**
						Total Amount (Lacs) Received for the Past 3 Years	**4.53**

C8: Consultancy Work

Table No. C8.1: List of consultancy projects received from external agencies.

S.N.	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)
2024-25 (CAYm1)							
1	Dr. Poongodi	-	Civil Engineering	AI-Driven Predictive Strength Monitoring and Optimization System for Sustainable Geopolymer Concrete in Smart Construction Environments	Controlytics AI Private Limited	1 Year	1.80
2	Dr. Prakhash N	-	Civil Engineering	AI-Based Structural Health Monitoring and Predictive Maintenance System for Civil Infrastructure	Hilt Brands India Private Limited	1 Year	1.50
						Amount received (Rs.)	**3.30**
2023-24 (CAYm2)							
1	Ms. Sandela Hari Priya	-	Civil Engineering	Assessment of Global Climate Change Adaptation Research for Civil Infrastructure Development	Studylitcs Labs Private Limited	6 Months	1.39
2	Dr. Poongodi	-	Civil Engineering	Assessment of Plastic Waste Utilization Techniques for Sustainable Construction Applications	Saptam Corporation	8 Months	1.45
3	Dr. Rajesh Kumar	-	Civil Engineering	Performance Evaluation and Feasibility of Waste Septage Ash as a Sustainable Modifier in Bituminous Pavement Mixes	Redeem Industries Private Limited	1 Year	1.55
						Amount received (Rs.)	**4.39**
CAYm3							

1	Dr. Sritam Swapnadarshi Sahu	-	Civil Engineering	Structural Detailing of a Single Storey Residential Building.	Saptam Corporation	6 Months	0.94
2	Dr. G. Shyamala	-	Civil Engineering	Assessment and Optimization of Sustainable Building Materials and Construction Practices for Infrastructure Development	Redeem Industries Private Limited	6 Months	0.92
3	Dr. P. Murthi	-	Civil Engineering	Feasibility and Performance Benchmarking of Textile-Reinforced Mortar for Retrofitting Slender Reinforced Concrete Columns	Saptam Corporation	8 Months	0.88
						Amount received (Rs.)	**2.74**
						Total amount (Lacs) received for the past 3 years	**10.43**

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

S.N.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
2024-25 (CAYm1)						
1	Dr P Swamy Naga Ratna Giri	Development of Synthetic Aggregates from Industrial wastes and utilizing them in Production of Alkali Activated Concrete	2 Years	5.00	5.00	Research Publication
						Amount received (Rs.) 5.00
2023-24 (CAYm2)						
1						
						Amount received (Rs.) 0
2022-23 (CAYm3)						
1	Dr. G Shyamala	Sustainable utilisation of faecal sludge Ash for eco-friendly building components for smart cities	1 Year	2.00	2.00	Research Publications
						Amount received (Rs.) 2.00
						Total amount (Lacs) received for the past 3 years 7.00

PART-D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department).

D1: Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower

S.No.	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the major equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1.	Surveying lab	30	• Chains • Prismatic Compass • Plane Table set with accessories • Auto-Level • Total Station • Theodolite set • Hand GPS	Utilized (30%)	K. Girijanth	Technical assistant	Diploma in civil engineering
2.	Concrete technology lab	30	• Vicat Apparatus • Standard Sieve Set • Le Chatelier Flask • Le Chatelier Apparatus • Specific gravity bottle • Compression Testing Machine (CTM) • Universal testing machine (UTM) • Cube Moulds • Vibrating Table • Slump Cone • Compaction Factor Apparatus • Vee-Bee Consistometer • Curing Tank • Flexure Testing Machine	Utilized (30%)	G. Suman	Technical assistant	B. Tech in civil engineering

			• Beam Moulds • Cylinder Moulds • Rebound Hammer • Foam concrete setup • L-box (SCC setup) • V-funnel (SCC setup) • U-box (SCC setup) • J-ring (SCC setup) • Hot air oven • Refrigerator • Ultra pulse velocity (UPV) • HTC infrared thermometer • Pin vibrator (For Concrete)				
3.	Highway Engineering lab	30	• Aggregate Crushing Testing Machine • Aggregate Impact Testing Machine • Pycno meter • IS Sieve Set • Los Angeles Abrasion Testing Machine • Flakiness and Elongation • Penetrometer • Ductility Testing Machine • Ring and Ball Apparatus • Pensky martens apparatus • CBR Testing Machine	Utilized (30%)	G. Suman	Technical assistant	B. Tech in civil
4.	Geotechnical Engineering lab	30	• Direct Shear Apparatus • Hot air oven • Triaxial Apparatus • Consolidation Apparatus Single cell • Permeability test • Liquid limit device with counter and Casagrand grooving tools • Plastic limit test glass plate • Shrinkage limit test	Utilized (30%)	M. Santhosh	Technical assistant	ITI in electrician

			• Sieve analysis • Proctor compaction test • Heavy compaction test • Core cutter test • Sand replacement test • Unconfined compression test • Vane shear test • Oedo meter (Consolidation test)				
5.	AutoCAD lab	30	• Desktop 280 G4 (2SJ42 AV) • LED 21.5" MONITOR N223V (1RM23AA) – HP • MI-LED TV 4X Pro (55") • M.I. Sound Bars	Utilized (30%)	M. Umamaheshwar	Technical assistant	Diploma in Civil Engineering
6. .	Fluid mechanics and hydraulic machinery lab	30	• Impact of Jet on Vanes Apparatus. • Bernoulli's Theorem Apparatus. • Venturi meter • Orifice meter • RECTANGULAR AND TRIANGULAR NOTCH • DARCY'S FRICTION FACTOR • SINGLE STAGE CENTRIFUGAL PUMP • Multistage Centrifugal pump test ring. • Variable Speed reciprocating pump test ring. • Pelton Wheel • Francis Turbine test ring • Kaplan Turbine test ring	Utilized (30%)	MD. Muneeruddin	Technical assistant	B.Ed.
7.	Strength of materials lab	30	• Universal testing machine • Impact apparatus • Torsion apparatus • Brinell hardness test • Rockwell hardness test • Spring test • Deflection test on simply supported beam • Deflection test on cantilever beam	Utilized (30%)	B. Ravi	Technical assistant	ITI and Degree

8.	Environmental engineering lab	30	• PH meter • Turbidity meter • Conductivity meter • DO Bottles • BOD Apparatus • COD Apparatus • Titration setup • Optimum coagulation setup • Muffle furnace	Utilized (30%)	K. Srinivas	Senior lab assistant	M.Sc in chemistry

D2: Safety Measures in Laboratories

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

S. No.	Laboratory Name	Safety Measures
1	Surveying lab	1. Handle surveying instruments (Total Station, Theodolite, Auto Level) with extreme care, ensuring they are properly mounted and balanced on tripods before use. 2. Check and secure tripod legs firmly on stable ground to prevent slipping, toppling, or damage to instruments during field practice. 3.Avoid pointing optical instruments directly toward the sun, as it can damage the internal optics and cause eye injury. 4.Carry instruments using both hands and always use protective instrument boxes during transportation to avoid accidental drops. 5.Ensure the survey area is free of obstacles, traffic, and overhead hazards before beginning measurements. 6.Wear safety gear such as reflective jackets, caps, and proper footwear while conducting outdoor surveying. 7.Avoid looking through the instrument while it is being moved or adjusted; check alignment only after the instrument is stabilized.
2	Concrete technology lab	1. Wear appropriate Personal Protective Equipment (PPE) including gloves, safety goggles, masks, and closed-toe shoes when handling cement, aggregates, or chemicals. 2.Avoid inhaling cement dust—always mix materials in designated mixing areas and use masks to prevent respiratory irritation. 3.Handle mechanical equipment such as Vibrating Table, CTM, Slump Cone tools, and Cube Testing Machines only under supervision to avoid accidents. 4.Keep the working area dry and clean, especially around water tanks and mixing units, to prevent slips and falls. 5.Lift heavy moulds, concrete cubes, and bags of cement using proper posture or seek assistance to avoid injuries. 6.Ensure electrical equipment (CTM, Vibrators, Mixers) is properly grounded and switched off after use to avoid electric shocks. 7.Avoid skin contact with fresh concrete or cement, as it may cause burns or irritation; wash immediately with clean water if contact occurs. 8.Do not place hands or tools near moving parts of mixers or vibrating equipment while they are in operation
3	Highway Engineering lab	1. Wear appropriate PPE such as heat-resistant gloves, safety goggles, lab coats, and masks when handling hot bitumen or working near heating apparatus. 2. Operate bitumen-heating equipment, ovens, and Ring & Ball apparatus only under supervision, as these involve high temperatures that can cause burns. 3.Avoid direct inhalation of bitumen fumes—ensure adequate ventilation or use fume extractors during experiments involving bitumen melting or mixing. 4.Handle glassware, thermometers, metal moulds, and penetration needles carefully, ensuring they are clean and stored properly after use. 5.Do not touch or move hot containers or moulds immediately after heating; always use tongs, insulated gloves, or designated tools. 6.Keep flammable materials away from open flames and heating elements, and ensure fire extinguishers are present and functional in the lab. 7.Ensure the floor is free from bitumen spills, oil droplets, and aggregates, as these may cause slips and falls. 8.Use Marshall Compactor, CBR machines, and Core Cutters carefully, ensuring hands and clothes are away from moving or loaded parts

4	Geotechnical Engineering lab	1. Wear gloves, masks, and closed-toe shoes when handling soil samples to avoid skin irritation and dust inhalation. 2. Use ovens, hot plates, and Proctor rammers only under supervision, as they involve heat and impact forces. 3.Keep the working area dry and clean, especially around permeability setups and consolidation units, to prevent slipping hazards. 4.Handle sharp tools and metal sample cutters carefully, ensuring they are stored properly after use. 5.Do not place hands near moving components of triaxial, UCC, and direct shear apparatus while tests are in progress. 6.Dispose of used soil samples and water properly in designated bins, and avoid clogging sinks with soil particles.
5	Autocad lab	1. Keep liquids, food, and beverages away from computers to prevent electrical hazards and damage to electronic equipment. 2. Ensure all computer systems, keyboards, and peripherals are handled gently, avoiding forceful plugging, unplugging, or pulling of cables. 3.Use proper seating posture, keeping monitors at eye level and chairs adjusted to prevent neck and back strain during long design sessions. 4.Avoid overloading the power sockets or extension cords, and ensure UPS units are functioning correctly before starting work. 5.Do not attempt to open or repair computers, CPUs, or monitors—always report failures to the lab technician or IT support staff. 6.Maintain silence and discipline in the lab to avoid distractions and ensure a conducive environment for design-focused work. 7.Ensure regular breaks to prevent eye strain, following the 20-20-20 rule (every 20 minutes, look 20 feet away for 20 seconds).
6	Fluid mechanics and hydraulic machinery lab	1. Ensure all pumps, motors, and electrical panels are properly insulated and operate equipment only under supervision. 2. Check for water leaks and wipe spills immediately to prevent slipping hazards around the experimental setups. 3.Keep hands and objects away from rotating parts of turbines, pumps, and couplings while the machine is running. 4.Prime centrifugal pumps properly before switching on, and never run hydraulic machines dry. 5.Use valves and control knobs gently, avoiding excessive force that may damage flow systems or cause sudden water discharge. 6.Do not place hands inside flumes, channels, or measuring tanks during operation, and report any abnormal noise, vibration, or leakage immediately.
7	Strength of materials lab	1. Wear safety goggles, gloves, and closed-toe shoes when operating machines like UTM, CTM, and hardness testers. 2. Stand at a safe distance while loading or unloading specimens, as sudden failure or fracture may cause flying debris. 3.Operate machines only under supervision and ensure all guards and safety locks are properly engaged before starting a test. 4.Do not touch moving parts such as crossheads, levers, or rotating components during testing. 5.Ensure specimens are properly aligned and gripped in the machine to avoid slipping or unexpected failure during loading. 6.Report any unusual noise, vibration, or malfunction of machines immediately to the lab technician or faculty in charge.
8	Environmental engineering lab	1. Wear appropriate PPE such as gloves, masks, lab coats, and goggles when handling chemicals or wastewater samples. 2. Use fume hoods or well-ventilated areas when working with strong acids, alkalis, or reagents that release fumes. 3.Handle glassware carefully, and ensure all beakers, burettes, and flasks are cleaned and dried before and after use. 4.Do not touch hot equipment such as COD digesters, BOD incubators, and hot plates with bare hands—use insulated gloves. 5.Avoid direct contact with wastewater samples, and wash hands immediately after accidental

		exposure. 6.Dispose chemicals, reagents, and biological waste only in designated containers; never pour hazardous chemicals down the sink. 7.Report chemical spills, gas leaks, or equipment malfunctions immediately to the lab technician or faculty in charge.

D3: Project Laboratory/Research Laboratory

Table No. D3.1: List of project laboratory/research laboratory /Centre of Excellence.

S.No.	Name of the Laboratory
1	Advanced Concrete Material Testing Laboratory
2	Center for Construction Methods and Materials

PART E: Fist Year faculty and financial Resources.

(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1: First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) +(NS2*0.2))/RF
2022-23 (CAYm2)	60	3	5	4	160.00
2023-24 (CAYm1)	60	3	5	3	153.33
2024-25 (CAY)	60	3	4	4	133.33
				Average Percentage:	148.89

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 Feb 2026	Budgeted in 2024-25	Actual Expenses in 2024-25	Budgeted in 2023-24	Actual Expenses in 2023-24	Budgeted in 2022-23	Actual Expenses in 2022-23
Infrastructure Built-Up	32,00,00,000	30,74,72,887	27,00,00,000	26,09,61,228	15,00,00,000	14,13,89,016	11,00,00,000	10,92,08,830
Library	1,10,00,000	1,02,18,228	1,00,00,000	95,86,452	90,00,000	87,10,496	50,00,000	47,69,512
Laboratory equipment	3,50,00,000	3,24,64,442	3,00,00,000	2,56,00,070	2,50,00,000	2,32,41,873	2,10,00,000	2,00,07,583
Teaching and non-teaching staff salary	70,00,00,000	68,47,27,810	67,00,00,000	65,37,24,738	60,00,00,000	58,73,38,069	39,00,00,000	38,47,65,924
Outreach Programs	4,50,00,000	4,25,63,897	4,00,00,000	3,84,62,784	2,90,00,000	2,76,85,254	78,00,000	76,97,353
R&D	2,85,00,000	2,78,81,002	1,50,00,000	1,43,56,277	1,10,00,000	1,05,60,245	35,00,000	31,86,050
Training, Placement and Industry linkage	1,40,00,000	1,27,63,481	1,20,00,000	1,15,62,313	73,00,000	71,25,009	90,00,000	87,07,742
SDGs	70,00,000	61,54,238	55,00,000	54,63,534	50,00,000	48,66,025	1,15,00,000	1,13,94,225
Entrepreneurs hip	40,00,000	36,93,623	30,00,000	29,78,652	20,00,000	19,86,423	16,00,000	15,47,632
Others*,pl. specify	60,00,00,000	57,63,95,715	50,00,00,000	49,07,01,951	30,00,00,000	27,23,47,508	20,00,00,000	18,67,26,285
Total amount:	**1,76,45,00,000**	**1,70,43,35,323**	**1,55,55,00,000**	**1,51,33,97,999**	**1,13,83,00,000**	**1,08,52,49,918**	**75,94,00,000**	**73,80,11,136**

E3: Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till Feb-2026	Budgeted in 2024-25	Actual Expenses in 2024-25	Budgeted in 2023-24	Actual Expenses in 2023-24	Budgeted in 2022-23	Actual Expenses in 2022-23
Laboratory equipment	7,00,000	5,63,685	30,00,000	28,97,338	25,00,000	24,76,320	15,00,000	14,93,240
Software	2,00,000	1,97,458	1,00,000	89,208	1,00,000	92,056	1,00,000	79,056
SDGs	3,00,000	2,45,163	2,00,000	1,74,904	2,00,000	1,72,049	3,50,000	3,14,737
Support for faculty development	10,00,000	9,50,682	8,00,000	7,65,827	7,00,000	6,97,582	4,00,000	3,92,433
R & D	10,00,000	9,46,723	6,00,000	5,62,554	6,00,000	5,56,297	3,00,000	2,55,779
Industrial Training, Industry expert, Internship	10,00,000	9,51,263	5,50,000	5,12,365	5,00,000	4,47,682	4,50,000	4,14,639
Miscellaneous expenses*	27,00,000	26,10,251	15,00,000	13,98,308	12,00,000	11,70,086	13,00,000	12,96,326
Total amount:	**69,00,000**	**64,65,225**	**67,50,000**	**64,00,504**	**58,00,000**	**56,12,072**	**44,00,000**	**42,46,210**