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: 10826	**Date of Submission**: 20-07-2025

PART A- Profile of the Institute

A1.Name of the Institute: NARSIMHA REDDY ENGINEERING COLLEGE	
Year of Establishment : 2007	Location of the Institute: Maisammaguda (V), Kompally - 500100, Secunderabad
A2. Institute Address:Maisammaguda, Dhulapally via Kompally, Secunderabad - 500100	
City:Ranga Reddy	State:Telangana
Pin Code:500100	Website:http://www.nrcmec.org
Email:principal@nrcmec.org	Phone No(with STD Code):040-23792455
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JNTUH HYDERABAD	City: Medchal
State : Telangana	Pin Code: 500085
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: **9**
- No. of PG programs: **1**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Civil Engineering	2013	--	Civil Engineering
2	Engineering & Technology	UG	Computer Science and Engineering	2007	--	Computer Science and Engineering
3	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2020	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
4	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2020	--	Computer Science and Engineering (Cyber Security)
5	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2020	2023	Computer Science and Engineering (Data Science)
6	Engineering & Technology	UG	Electrical and Electronics Engineering	2009	--	Electrical and Electronics Engineering
7	Engineering & Technology	UG	Electronics & Communication Engineering	2007	--	Electronics and Communication Engineering

8	Engineering & Technology	UG	Information Technology	2023	--	Information Technology
9	Engineering & Technology	UG	Mechanical Engineering	2009	--	Mechanical Engineering
10	Management	PG	Master of 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
Electrical and Electronics Engineering	No	Electrical and Electronics Engineering	UG
Electronics and Communication Engineering	No	Electronics & Communication Engineering	UG
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 ACCREDITE
1	Civil Engineering	UG	2013 / --	60	Yes	2023	30	2023	F.No. South-Central/1-36937712951/2023/EOA	Granted accreditation for 3 years for the period (specify period)	2022	2025	2

Sanctioned Intake for Last Five Years for the Civil Engineering	
Academic Year	**Sanctioned Intake**
2024-25	30
2023-24	30
2022-23	60
2021-22	60
2020-21	60
2019-20	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 :	Prodduturi. Nimitha 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)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2020-21 (CAYm4)	2019-20 (CAYm5)	2018-19 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	30	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	30	30	60	30	60	60	60
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	3	6	6	6	6	6
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	2	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.	32	33	66	36	66	66	66

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

B4. Enrolment Ratio in the First Year

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

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2024-25 (CAY)	30	30	2	106.67
2023-24 (CAYm1)	30	30	0	100.00
2022-23 (CAYm2)	60	60	0	100.00

Average [(ER1 + ER2 + ER3) / 3] = 102.22≡ 100

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

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

Item	(2020-21) LYG	(2019-20) LYGm1	(2018-19) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	66.00	66.00	66.00
B=No. of students who graduated from the program in the stipulated course duration	53.00	55.00	43.00
Success Rate (SR)= (B/A) * 100	80.30	83.33	65.15

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 76.26

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

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

Academic Performance	CAYm1(2023-24)	CAYm2(2022-23)	CAYm3 (2021-22)

Mean of CGPA or mean percentage of all successful students(X)	7.35	7.21	7.31
Y=Total no. of successful students	9.00	9.00	9.00
Z=Total no. of students appeared in the examination	9.00	11.00	9.00
API [X*(Y/Z)]	7.35	5.90	7.31

Average API[(AP1+AP2+AP3)/3] : 6.85

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.

Academic Performance	CAYm1 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	7.84	7.43	7.68
Y=Total no. of successful students	61.00	34.00	64.00
Z=Total no. of students appeared in the examination	64.00	36.00	66.00
API [X * (Y/Z)]	7.47	7.02	7.45

Average API [(AP1 + AP2 + AP3)/3] : 7.31

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

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

Academic Performance	CAYm1 (2023-24)	CAYm2 (2022-23)	CAYm3 (2021-22)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.71	7.69	7.43
Y=Total no. of successful students	34.00	62.00	61.00
Z=Total no. of students appeared in the examination	34.00	64.00	65.00
API [X*(Y/Z)]:	7.71	7.45	6.97

Average API [(AP1 + AP2 + AP3)/3] : 7.38

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2020-21)	LYGm1(2019-20)	LYGm2(2018-19)
FS*=Total no. of final year students	66.00	66.00	66.00
X=No. of students placed	54.00	51.00	49.00
Y=No. of students admitted to higher studies	3.00	2.00	1.00
Z= No. of students taking up entrepreneurship	1.00	1.00	1.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	87.88	81.82	77.27

Average Placement Index = (P_1 + P_2 + P_3)/3: 82.32 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	Prodduturi. Nimitha Reddy	XXXXXXX78L	Ph.D	Sri Satya Sai University	Transportation Engineering	16/08/2021	3.10	Assistant Professor	Associate Professor	08/02/2023	Regular	Yes		Yes
2	Syed Anisuddin	XXXXXXX90C	Ph.D	Kakatiya University	Transportation Engineering	01/04/2022	3.2	Professor	Professor		Regular	Yes		No
3	Bandagorla Ramesh	XXXXXXX73J	Ph.D	Pondicherry University	Structural Engineering	06/06/2022	3	Assistant Professor	Associate Professor	06/02/2024	Regular	Yes		No
4	Gollamudi. Veeraswamy	XXXXXXX87F	Ph.D	Andhra University	Earth Science, Geochemistry	03/03/2022	3.3	Associate Professor	Associate Professor		Regular	Yes		No
5	Sannedanam Manikanta	XXXXXXX61D	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	28/12/2019	5.5	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Devarapally Sujay	XXXXXXX50N	M.Tech	Jawaharlal Nehru Technological University Kakinada	Structural Engineering	16/07/2021	3.10	Assistant Professor	Assistant Professor		Regular	No	30/05/2025	No
7	Gotte Suryanarayana	XXXXXXX82N	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Highway Engineering	03/01/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Shelewar Baliram	XXXXXXX09Q	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	18/01/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Rumpa Sutradhar	XXXXXXX96H	M.E.	Osmania University	Structural Engineering	28/01/2022	3.2	Assistant Professor	Assistant Professor		Regular	No	31/03/2025	No
10	M Vishali	XXXXXXX09D	M.Tech	SRM-University	Structural Engineering	05/03/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Dharavath Venkatesh	XXXXXXX46G	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	15/03/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No

12	Muthikepally Venkatesh Reddy	XXXXXXX68R	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	20/05/2022	2.11	Assistant Professor	Assistant Professor		Regular	No	05/05/2025	No
13	Jamkari Arun Kumar	XXXXXXX20Q	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	28/06/2022	2.11	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Meka Venkateswari	XXXXXXX03F	M.Tech	Jawaharlal Nehru Technological University Kakinada	Structural Engineering	15/03/2023	2.3	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Andraju Dhanalakshmi	XXXXXXX03G	M.Tech	Jawaharlal Nehru Technological University Kakinada	Structural Engineering	19/12/2023	1.6	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Patti Venkatesh	XXXXXXX72D	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Highway Engineering	02/01/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Pusuluri Sai Sravani	XXXXXXX86C	M.Tech	KL-University	Construction Technology and Management	01/02/2024	1.4	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Mamidala Sravanthi	XXXXXXX38G	M.Tech	Kakatiya University	Structural & Construction Engineering	12/06/2024	1	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Talakola Lakshmi Ramadasu	XXXXXXX30F	Ph.D	Jawaharlal Nehru Technological University Kakinada	Geotechnical Engineering	08/11/2019	4.7	Professor	Professor		Regular	No	27/06/2024	No
20	Gande Sneha	XXXXXXX69F	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Transportation Engineering	17/08/2020	3.11	Assistant Professor	Assistant Professor		Regular	No	31/07/2024	No
21	Raghu Vardhan Merugu	XXXXXXX34F	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	11/04/2022	2.1	Assistant Professor	Assistant Professor		Regular	No	30/05/2024	No

22	Mythari Susmitha	XXXXXXX88E	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	02/01/2023	1.1	Assistant Professor	Assistant Professor		Regular	No	29/02/2024	No
23	Jakka Venkata Varaprasad	XXXXXXX57B	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Geotechnical Engineering	02/11/2019	3.7	Assistant Professor	Assistant Professor		Regular	No	28/06/2023	No
24	Nimmakayala Lakshmi. Narasimha Rao	XXXXXXX94N	Ph.D	Pondicherry University	Geotechnical Engineering	03/06/2021	1.11	Associate Professor	Associate Professor		Regular	No	29/05/2023	No
25	Shivakumar Nimmala	XXXXXXX39A	M.Tech	Jawaharlal Nehru Technological University Hyderabad	Structural Engineering	20/06/2022	0.9	Assistant Professor	Assistant Professor		Regular	No	31/03/2023	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(2024-25)**	**CAYm1 (2023-24)**	**CAYm2 (2022-23)**
UG1.B	33	66	66
UG1.C	66	66	66
UG1.D	66	66	66
UG1: Civil Engineering	**165**	**198**	**198**
DS=Total no. of students in all UG and PG programs in the Department	165	198	198
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 165	**S2=** 198	**S3=** 198
DF=Total no. of faculty members in the Department	17	17	18
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=** 17	**F2=** 17	**F3=** 18
FF=The faculty members in F who have a 100% teaching load in the first-year courses	4	4	4
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 12.69**	**SFR2= 15.23**	**SFR3= 14.14**
Average SFR for 3 years	**SFR= 14.02**		

C3. Faculty Qualification

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

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF)]
2024-25(CAY)	4	13	8.00	28.75
2023-24(CAYm1)	5	12	9.00	27.22
2022-23(CAYm2)	6	12	9.00	30.00

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2024-25	1.00	1.00	1.00	3.00	5.00	13.00
2023-24	1.00	2.00	2.00	2.00	6.00	13.00
2022-23	1.00	2.00	2.00	2.00	6.00	14.00
Average	RF1=1.00	AF1=1.67	RF2=1.67	AF2=2.33	RF2=5.67	AF2=13.33

C5. Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Sheela. Eshwariah	Senior Tech Consultant	Telangana State Housing Corporation Limited	Strength Of Materials-I	28.00
2	Dr.Vasam Srinivas	Consulting Engineer	Harshith Engineering Associates	Structural Engineering -II(Steel))	26.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Sheela. Eshwariah	Senior Tech Consultant	Telangana State Housing Corporation Limited	Estimation Costing and Project Management	26.00
2	Dr.Vasam Srinivas	Consulting Engineer	Harshith Engineering Associates	Structural Engineering -II(Steel))Structural Engineering -I (RCC))	26.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr.Vasam Srinivas	Consulting Engineer	Harshith Engineering Associates	Structural Engineering -II(Steel))	26.00
2	Dr. Sheela. Eshwariah	Senior Tech Consultant	Telangana State Housing Cor	Estimation Costing and Project Management	28.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
1	No. of peer reviewed journal papers published	8	4	2
2	No. of peer reviewed conference papers published	15	12	10
3	No. of books/book chapters published	2	1	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. P. Dileep Kumar Reddy	Dr. Prodduturi Nimitha	Civil Engineering	Awareness and Exploration of Cyber Security to the Rural Schools of Chittor District, Andhra Pradesh	DST-NCSTC Programme or Scheme: CHILDREN CENTRIC OUTREACH PROGRAMME	1 year	17.83
Bhukya Jasvanth	Dharavath Venkatesh	Civil Engineering	Eco-Friendly India	MSME Idea Kackathon 2.0	1 Year	15.00
						Amount received (Rs.):32.83

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
-	-	-	-	-	-	0.00
						Amount received (Rs.):0.00

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
-	-	-	-	-	-	0.00
						Amount received (Rs.):0.00

Total Amount (Lacs) Received for the Past 3 Years: 32.83

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. Syed Anisuddin	Dharavath Venkatesh	Civil Engineering	Innovative Utilization of Plastic Waste in Pavement Construction and Structural Engineering Applications	Esskay Constructions Hyderabad	11 Months	4.50
Dr. Bandagorla Ramesh	Jamkari Arun Kumar	Civil Engineering	Studies on Sustainable Infrastructure Development through Geopolymer Concrete Incorporating Fly Ash and Slag	MAKAAN MARM Developers & Consultants LLP Hyderabad	10 Months	4.00
						Amount received (Rs.):8.50

(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. Prodduturi Nimitha	Mugunth Vishali	Civil Engineering	Design and Performance Evaluation of Pavements Using Recycled Aggregates and Industrial By-Products	MAKAAN MARM Developers & Consultants LLP Hyderabad	11 Months	4.00
Dr. Bandagorla Ramesh	Shelewar Baliram	Civil Engineering	Studies on Development of Cost-Effective and Eco-Friendly Construction Materials Using Industrial and Agricultural Waste	Alekya constructions	12 Months	3.50
						Amount received (Rs.):7.50

(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. Talakola Lakshmi Ramadasu	Gande Sneha	Civil Engineering	Investigation of Bamboo as a Sustainable Reinforcement Material in RCC Structures	Esskay Constructions Hyderabad	10 Months	3.00
Dr. N. L. Narasimha Rao	Devarapally Sujay	Civil Engineering	Studies on Application of FRP Composites for Enhancing the Strength and Durability of Civil Structures	M/s Vindhya Construction	10 Months	2.50
						Amount received (Rs.):5.50

Total amount (Lacs) received for the past 3 years: 21.50

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. Bandagorla Ramesh	Studies on Mechanical and Durability Properties of Alkali-Resistant Glass Fiber Reinforced Concrete	12 Months	2.50	2.50	Paper published in Peer reviewed Journal
			Amount received (Rs.): 2.50		

(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. Talakola Lakshmi Ramadasu	Structural Modeling and Earthquake Analysis of a G+15 Building Using STAAD.Pro	11 Months	2.00	2.00	Research Article Published
			Amount received (Rs.): 2.00		

(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. Prodduturi Nimitha	Investigation of Fiber-Reinforced Self-Compacting Concrete Using Sintered Fly Ash Aggregate	12 Months	2.00	2.00	Research Article Published
			Amount received (Rs.): 2.00		

Total amount (Lacs) received for the past 3 years : 6.50

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	Surveying I&II (MT-111)	4	1.Total station 2. Theodolite 3.Auto level 4. Dumpy level	6 Hours	I. Sharath Kumar	Lab Technician	Diploma in civil enginee
2	Strength of Materials (MT-013)	4	1. Universal testing machine 2. Torsion testing machine 3. Rockwell and Brinell hardness testing machine 4.Impact testing machine 5. Spring testing	6 Hours	M.Ch. Sesha Sai	Lab Technician	ITI
3	Computer Aided Drafting/ Computer Aided Designing/ Civil Engineering	1	1.Auto Cadd-2024 2.Stadd Pro-2024 3. MS Office 2024 4. 30 Computers	3 Hours	P. Madhan	Lab Technician	Diploma in civil enginee
4	Fluid mechanics and Hydraulic Machinery (MT-009)	4	1.Impact of jet Vanes 2. Hydraulic jump setup 3.Rectangularnotch/Triangular notch/Trapezoidal notch setup 4.Open channel setup 5.Friction factor	6 Hours	A. Shankar	Lab Technician	ITI
5	Concrete Technology (MT-008)	4	1.Compaction factor apparatus 2. VEE-BEE Consist meter apparatus 3. Flow table	6 Hours	I. Sharath Kumar	Lab Technician	Diploma in civil enginee
6	Transportation Engineering (MT-008A)	4	1.Los angles abrasion testing 2. Ductility testing machine 3. Aggregate impact testing machine 4. Penalty Martin apparatus 5. Weighing balance	6 Hours	P. Madhan	Lab Technician	Diploma in civil enginee
7	Geo-Technical Engineering (MT-011)	4	1.Direct shear test Apparatus 2.Vane Shear Test 3. Triaxial test apparatus 4.California bearing ratio test apparatus 5. Un-confined compression test	6 Hours	P. Madhan	Lab Technician	Diploma in civil enginee
8	Elements of Civil Engineering/ Environmental Engineering (MT-110)	4	1.Electrical resistivity meter 2.Petrological microscope 3.Structural models 4.Rock specimens 5.Mineral specimens 6.Geological map 1. Jar test	6 Hours	I. Sharath Kumar	Lab Technician	Diploma in civil enginee

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Surveying Laboratory - I&II (MT-111)	Basic Safety Measures: DO'S • Always be sure that electrical equipment turned in the OFF position before plugging it into a socket • Know the location of all safety and emergency equipment used in the lab • Handel the equipment with proper care • Report all accidents, hazards to the instructor • Use extreme care when handling sharp object DON'T'S • Never do experiments on your own • Do not eat or drink in the lab room • Never use electrical equipment around water • Do not shout in the lab • Never touch chemicals without permission Lab Specific Safety Measures: • Wear strong shoes and aprons in the laboratories. • Take proper care of the equipment and their accessories while on the field. • Don't operate electrical switches with wet hands. • For cease fire, fire extinguisher/ fire hydrant is available. • All electrical wires are protected by MCB. • Proper electrical earthing is provided to avoid electric shocks • First aid kit is available in the laboratory.

2	Strength of Materials Laboratory (MT-013)	Basic Safety Measures: DO'S • Always be sure that electrical equipment turned in the OFF position before plugging it into a socket • Know the location of all safety and emergency equipment used in the lab • Handel the equipment with proper care • Report all accidents, hazards to the instructor • Use extreme care when handling sharp object DON'T'S • Never do experiments on your own • Do not eat or drink in the lab room • Never use electrical equipment around water • Do not shout in the lab • Never touch chemicals without permission. Lab Specific Safety measures: • Stay away from swing plane when the impact testing machine is in operation. • Wear strong shoes and aprons in the laboratories. • Girl students should tie their hair to avoid accidents • Loose ornaments like chains shall not be worn. Leaning over rotating machinery should be avoided. • Operate machinery in the presence of the lab in charge • Students should restrict themselves to their specific experiment and equipment's. • Switch off machinery properly after completing the experiment. • Don't operate electrical switches with wet hands. • For cease fire, fire extinguisher/ fire hydrant is available. • All electrical wires are protected by MCB. • Proper electrical earthing is provided to avoid electric shocks • First aid kit is available in the laboratory.
3	Elements of Civil Engineering Laboratory & Environmental Engineering Laboratory (MT-110)	Basic Safety Measures: DO'S • Always be sure that electrical equipment turned in the OFF position before plugging it into a socket • Know the location of all safety and emergency equipment used in the lab • Handel the equipment with proper care • Report all accidents, hazards to the instructor • Use extreme care when handling sharp object DON'T'S • Never do experiments on your own • Do not eat or drink in the lab room • Never use electrical equipment around water • Do not shout in the lab • Never touch chemicals without permission Lab Specific Safety measures: • Take proper care of the geological samples • Wear strong shoes and aprons in the laboratories. • Girl students should tie their hair to avoid accidents • Loose ornaments like chains shall not be worn. Leaning over rotating machinery should be avoided. • Operate machinery in the presence of the lab in charge • Students should restrict themselves to their specific experiment and equipment's. • Switch off machinery properly after completing the experiment. • Don't operate electrical switches with wet hands. • For cease fire, fire extinguisher/ fire hydrant is available. • All electrical wires are protected by MCB. • Proper electrical earthing is provided to avoid electric shocks • First aid kit is available in the laboratory.
4	Computer Aided Civil Engineering Drawing/ Computer Aided Design/ Civil Engineering Software Laboratory (MT-006)	Basic Safety measures DO'S • Always be sure that electrical equipment turned in the OFF position before plugging it into a socket • Know the location of all safety and emergency equipment used in the lab • Handel the equipment with proper care • Report all accidents, hazards to the instructor • Use extreme care when handling sharp object. DON'T'S • Never do experiments on your own • Do not eat or drink in the lab room • Never use electrical equipment around water • Do not shout in the lab • Never touch chemicals without permission Lab Specific Safety measures • Care to be taken where leakage in wiring and electrical shocks. • Wear strong shoes and aprons in the laboratories. • Girl students should tie their hair to avoid accidents • Loose ornaments like chains shall not be worn. Leaning over rotating machinery should be avoided. • Operate machinery in the presence of the lab in charge • Students should restrict themselves to their specific experiment and equipment's. • Switch off machinery properly after completing the experiment. • Don't operate electrical switches with wet hands. • For cease fire, fire extinguisher/ fire hydrant is available. • All electrical wires are protected by MCB. • Proper electrical earthing is provided to avoid electric shocks First aid kit is available in the laboratory.
5	Fluid Mechanics and Hydraulics Machinery Laboratory (MT-009)	Basic Safety measures DO's • Turn up in neat formal dress. • Boys should "Tuck in the shirts. • Always wear the safety hand gloves, apron and leather shoes • Long hair should be protected; let it not be loose especially near Rotating Machinery. • Bring Observation book and up to date lab record for every lab session. • Read and understand how to carry out an activity thoroughly before coming to the laboratory. • Keep your working area neat. • Carry out instructions properly & report any unsafe conditions. DON'TS • Don't operate machinery when the instructor is not in the workshop. • Do not lean and do not be close to the rotating components. • Do not operate any other machines/equipment's other than the prescribed one for that day. • Do not make undue noise in the laboratory. • Don't talk to others when they are operating a machine. • Don't leave the tools on the floor, or where they can fall on the people. • Do not use cell phones in the laboratory. • Don't attempt to oil, clean, adjust or repair any machine while it is running. • Do not allow any machine to nin unattended. • Do not try to operate a machine unless its operation is fully understood. Lab Specific Safety measure • Keep away from motors and • manometers from different equipment. • Wear strong shoes and aprons in the laboratories. • Girl students should tie their hair to avoid accidents • Loose ornaments like chains shall not be worn. Leaning over rotating machinery should be avoided. • Operate machinery in the presence of the lab in charge • Students should restrict themselves to their specific experiment and equipment. • Switch off machinery properly after completing the experiment. • Don't operate electrical switches with wet hands. • For cease fire, fire extinguisher/ fire hydrant is available. • All electrical wires are protected by MCB. • Proper electrical earthing is provided to avoid electric shocks • First aid kit is available in the laboratory.

6	Concrete Technology Laboratory (MT-008)	Basic Safety measures DO'S • Always be sure that electrical equipment turned in the OFF position before plugging it into a socket • Know the location of all safety and emergency equipment used in the lab • Handel the equipment with proper care • Report all accidents, hazards to the instructor • Use extreme care when handling sharp object DON'T'S • Never do experiments on your own • Do not eat or drink in the lab room • Never use electrical equipment around water • Do not shout in the lab • Never touch chemicals without permission Lab Specific safety measures • Care to be taken while using glassware during preparation of concrete samples and demoulding of the concrete samples and testing of cement physical properties. • Wear strong shoes and aprons in the laboratories. • Girl students should tie their hair to avoid accidents • Loose ornaments like chains shall not be worn. Leaning over rotating machinery should be avoided. • Operate machinery in the presence of the lab in charge • Students should restrict themselves to their specific experiment and equipment. • Switch off machinery properly after completing the experiment. • Don't operate electrical switches with wet hands. • For cease fire, fire extinguisher/ fire hydrant is available. • All electrical wires are protected by MCB. • Proper electrical earthing is provided to avoid electric shocks • First aid kit is available in the laboratory.
7	Transportation Engineering Laboratory (MT-008A)	Basic Safety measures DO'S • Always be sure that electrical equipment turned in the OFF position before plugging it into a socket • Know the location of all safety and emergency equipment used in the lab • Handel the equipment with proper care • Report all accidents, hazards to the instructor • Use extreme care when handling sharp object DON'T'S • Never do experiments on your own • Do not eat or drink in the lab room • Never use electrical equipment around water • Do not shout in the lab • Never touch chemicals without permission Lab Specific safety measures • Be extra cautious while doing aggregate impact and loss Angeles's abrasion test • Wear strong shoes and aprons in the laboratories. • Girl students should tie their hair to avoid accidents • Loose ornaments like chains shall not be worn. Leaning over rotating machinery should be avoided. • Operate machinery in the presence of the lab in charge • Students should restrict themselves to their specific experiment and equipment. • Switch off machinery properly after completing the experiment. • Don't operate electrical switches with wet hands. • For cease fire, fire extinguisher/ fire hydrant is available. • All electrical wires are protected by MCB. • Proper electrical earthing is provided to avoid electric shocks • First aid kit is available in the laboratory.
8	Geotechnical Engineering Laboratory (MT-011)	Basic Safety measures DO'S • Always be sure that electrical equipment's is turned in the OFF position before plugging it into a socket • Know the location of all safety and emergency used in the lab • Handle the equipment with proper care • Report all accidents hazards to the instructor • Use extreme care when handling sharp objects DON'T'S • Never do experiments on your own • Do not eat or drink in the lab room • Never use electrical equipment around water • Do not shout in the lab • Never touch chemicals without permission. Lab Specific Safety measures Care to be taken while using Glassware and during collection of soil samples and testing of soil sample • Wear strong shoes and aprons in the laboratories. • Girl students should tie their hair to avoid accidents • Loose ornaments like chains shall not be worn. Leaning over rotating machinery should be avoided. • Operate machinery in the presence of the lab in charge • Students should restrict themselves to their specific experiment and equipment's. • Switch off machinery properly after completing the experiment. • Don't operate electrical switches with wet hands. • For cease fire, fire extinguisher/ fire hydrant is available. • All electrical wires are protected by MCB. • Proper electrical earthing is provided to avoid electric shocks • First aid kit is available in the laboratory.

D3. Project Laboratory/Research Laboratory

A. Availability of project laboratory (05)

The Civil Engineering Department has an exclusive laboratory named as project laboratory to facilitate undergraduate major and essential projects. Mainly used for student projects, design work, and experimental validation. Helps students apply theoretical knowledge to practical problems. Focus is on application-oriented learning and innovation. Focused on advanced research and innovation beyond academic curriculum Used for PhD, MTech dissertations, and funded research projects. Aimed at developing new materials, technologies, and methods for civil engineering. The Project Laboratory is utilized by students to work on their mini projects and major projects. The Project Laboratory is focused on generating and implementing innovative, real-time project ideas that benefit society. The department of civil engineering established a dedicated project laboratory to support faculty members and students in conducting innovate and real -time projects. This facility is designed to foster a culture of research excellence, innovation, and intellectual property protection. By providing a state-of-the-art environment for experimentation and collaboration, the project laboratory aims to contribute to the advancement of the field and promote academic and commercial success.

Equipment Details:

S.NO	Name of the Equipment	Relevance to POs/PSOs
1	Impact Testing Machine	PO6, PO8, PO9, PO11, PO12, PSO1, PSO2
2	Penetration of Bitumen	PO4, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2
3	Softening Point (Ring & Ball) Apparatus	PO3, PO7, PO8, PO9, PO10, PO12, PSO1, PSO2
4	Flash and Fire Point Apparatus	PO2, PO7, PO8, PO9, PO10, PO11,PSO1, PSO2

Project Laboratory

Fig:7.5.a. Project Laboratory

B. Availability of centre of excellence (05)

A Centre of Excellence (CoE) in Civil Engineering Laboratory is a specialized facility established to advance research, innovation, training, and industry collaboration in the field of civil engineering. It usually acts as a hub for modern learning, practical exposure, and applied research. Equipped with **state-of-the-art testing equipment** for materials, structures, geotechnical, transportation, environmental, and surveying studies. Focus on **innovative construction materials** (fibre-reinforced concrete, recycled aggregates, sustainable materials). Integration of **software tools** (STAAD.Pro, ETABS, AutoCAD, Revit, Primavera, GIS).

This Centre of Excellence provides a platform for innovation, hackathons, Ignite Project Presentation and industry-oriented mini projects, major projects etc. The Centre of Excellence (CoE) in Concrete Technology Laboratory is established to provide advanced research, testing, and innovation facilities in the field of concrete and construction materials. It acts as a hub for students, researchers, and industry professionals to develop sustainable, durable, and cost-effective concrete solutions for modern infrastructure needs.

Equipment Details:

S.NO	Name of the equipment	Relevance to PO, s/PSO, s
1	Compression Testing Machine (CTM)	PO3, PO7, PO8, PO9, PO11, PO12, PSO1, PSO2
2.	Flexural Testing Machine	PO5, PO8, PO9, PO10,PSO1, PSO2
3	Slump cone test	PO3, PO7,PO9, PO10, PO12, PSO1, PSO2
4	Vicats Apparatus	PO2, PO8, PO9, PO10, PO12, PSO1, PSO2

Centre of Excellence

Fig:7.5.b. Centre of Excellence

C. Utilization of project laboratories/Utilization of centre of excellence (05)

- Utilization of project laboratories is 3 hours per week
- Utilization of centre of excellence is 3 hours per week

Outcomes of Project Laboratory/Centre of Excellence

Details of Student projects

CAY (2024-2025)					
S.NO	**Project Title**	**Name**	**Supervisor**	**Relevance to PO-PSO**	
1	A Detailed study on Jeedimetla effluent treatment plant	M.Ganesh,Y.Dileep reddy,N.Sukendar,O.Saitharun	Dr.G.Veeraswamy	PO4,PO8, PO9, PO11, PO12, PSO1, PSO2	
2	Nitric acid attack on M30 Grade self-compacting concrete using turritella	Y.Shiva krishna,A.Ram babu,A.Shiva kumar,K.Goutham	Mr.S.Baliram	PO6, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2	
3	An Experimental Investigation On The Structural Performance Of Geopolymer Concrete	D.Sai Shashank,G.Bharath Goud,Md.Abdulkalam,Abdul Omer	G.Suryanarayana	PO3, PO7, PO8, PO10, PO11, PO12, PSO1, PSO2	
4	A study on effect of partial replacement of coarse aggregate over recycled concrete in M20 GRADE Concrete	E.Teja,B.Karthik,M.Sanjay,M.Rajesh	M.Venkatesh reddy	PO2, PO7, PO8, PO10, PO11, PO12, PSO1, PSO2	

S.NO	**Project Title**	**Name**	**Supervisor**	**Relevance to PO-PSO**	
CAY M1 (2023-2024)					
1	An Experimental Study On Compressive Strength Of Concrete By Adding Partial Replacement Of Electronic-Plastic Waste	P.Aravind,V.Maruthi Prasad,G.Uday Kumar,G.Tharun	Mr.J.Arun Kumar	PO2, PO8, PO10, PO11, PO12, PSO1 ,PSO2	
2	A Study on structural performance of nano silica-based geo polymer concrete	T.Sai veda,R.Arun teja,B.Manoj kumsr, Ahilish kumar	M.Venkatesh reddy	PO5, PO8, PO10, PO11, PO12, PSO1 ,PSO2	
3	An Experimental study on stabilization of black cotton soil using fly ash	J.Vishnu kalyan,G.Mahesh babu,P.Dimpu Deepak,P.Mallikarjun rao	Mr.D. Venkatesh	PO4, PO9, PO10, PO11, PO12, PSO1 ,PSO2	
4	An Experimental study on stabilization of soil by using plstic	A.Shashidhar reddy,P.Sai krishna,A.Ajay,CH.Sai teja	D.Venkatesh	PO3, PO8, PO9, PO11, PO12, PSO1 ,PSO2	

S.NO	**Project Title**	**Name**	**Supervisor**	**Relevance to PO-PSO**	
CAY m2 (2022-2023)					

1	Experimental investigation on M25 grade concrete with addition of plastic and demolished waste	G.Suresh,S.Suresh,B.Rajesh,Shubham Vishwakarma	Mr.D.Venkatesh	PO3, PO7, PO9,PO10,PO11,PSO1,PSO2	
2	Static analysis and design of (G+20) Framed by using ETABS	M.Abhilash reddy,A.Raju,M.Vinay,SK.Jani pasha	Dr.T.L.Ramadasu	PO5, PO8,PO10,PO11,PO12,PSO1,PSO2	
S.NO	**Project Title**	**Name**	**Supervisor**	**Relevance to PO-PSO**	
CAY m3 (2021-2022)					
1	Usage of plastic waste for the stabilization of soil	M.Pranay kumar,MD.Mashood ali,P.Navya,T.Ranjith kumar	Mr.J.V.Varaprasad	PO4, PO7PO8 ,PO9,PO12,PSO1,PSO2	
2	A Study on concrete with partial replacement of cement by rice husk ash	D.Vaishnavi,G.Bharath,K.Krishna,K.Nithish	Mr.P.MD.Rafi	PO2, PO8,PO9, PO10,PO12,PSO1,PSO2	
3	Evaluating the performance of bagasse ash for sustainable concrete production	K.Rajashenkar,G.Pranitha,P.Ram gopal,S.Varun kumar	Mr.J.Arun kumar	PO3, PO7PO8,PO9,PO11,PO12 PSO1, PSO2	

Details of Student publications

2023-2024						
S.NO	**Name of the Author**	**Title of the manuscript**	**Name of the Journal**	**Publisher Name**	**ISSN No/Volume / Issue No/ Page No/ Month / Year**	**Indexing**
1	Dasari Vaishnavi, Gali Suresh, Gurram Akhila, Paidi Saiteja, Sunkara Suresh, Mr.D.Venkatesh	Seismic Vulnerability and Structural Design Optimization Of Multi-Storey Buildings Using Staad	International Journal Of Data Science and IOT Management System	Zestera Publications	ISSN: 3068-272X, IJDIM, April 2024, 3 (2), 24–31	UGC CARE

2	Banda Karthik, G Vigneshwar Goud, Medari Ganesh, Punnam Aravind, Velpula Nagaraju, Dr. P. Nimitha.	Computational Design and Structural Analysis Of Bridge Frameworks with STAAD.Pro	International Journal of Engineering Science and Advanced Technology (IJESAT)	IJESAT Publications	ISSN No: 2250-3676, Vol 23 Issue 12, DEC, 2023	UGC CARE
2022-2023						
S.NO	**Name of the Author**	**Title of the manuscript**	**Name of the Journal**	**Publisher Name**	**ISSN No/Volume / Issue No/ Page No/ Month / Year**	**Indexing**
1	Ambati Ramesh, Chinthapally Mahendar, Gaddula Pranitha, Kandi Saivardhan, Samaji Vijay Kumar, Mr.S. Baliram.	Sustainable Concrete: Experimental Investigations on Strength Properties Using Fly Ash, Alccofine, And Waste Foundry Sand As Partial Replacements	International Journal of Engineering Research and Science & Technology	ESRSA Publication	ISSN 2319-5991 Vol. 18, No. 4, November 2022	UGC CARE
2	Boini Neeraj, Janganolla Srivalaya, Komma Rajashekar, Sankabuddi Navya, V Nikhitha. Dr. B. Ramesh	Structural Behaviour and Seismic Response of Multi Storey Buildings Using Etabs	American Journal of AI Cyber Computing Management	Science Publishing Group	E-ISSN:3069-0102 VOL.3, NO. 2(May 2023)	UGC CARE
2021-2022						
S.NO	**Name of the Author**	**Title of the manuscript**	**Name of the Journal**	**Publisher Name**	**ISSN No/Volume / Issue No/ Page No/ Month / Year**	**Indexing**

1	Bidakannya Pravalika, Kola Saiteja, Sanga Prasanna, Harthik Thirunagari, Bhukya Prudhviraj, Dr.P. Nimitha.	Role Of Nano-Silica in Enhancing the Durability Of Concrete: An Analytical and Experimental Evaluation	Journal of Applied Engineering (JOAE)	Scientific digest: journal of applied engineering	2348-4802 10(6), Feb-2022 (Volume-10, Issue-6)	UGC CARE

Details of Faculty Publications

2023-2024					
S. No	Author Names	Title Of the Paper	Name Of the Journal	Month And Year of Publication	Volume Number, Issue Number ISSN /Doi
1	Mr. Dharavath Venkatesh	Glass Crete: Enhancing Strength and Durability with Alkali-Resistant Glass Fibers	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	Sept 2023	IJISAE, 2023, 11(11s), 925–930. ISSN:2147-67992
2	Mr. S Baliram		International Journal of Intelligent Systems and Applications in Engineering	Sept 2023	IJISAE, 2023, 11(11s), 925–930.
3	Dr. Prodduturi Nimitha		(IJISAE)	Sept 2023	ISSN:2147-67992
4	Dr. Bandagorla Ramesh		International Journal of Intelligent Systems and Applications in Engineering	Sept 2023	IJISAE, 2023, 11(11s), 925–930.

5	Mr. Gotte Suryanarayana	Transforming Trash to Strength: Plastic Waste in Fine Aggregate Replacement	Journal of Computational Analysis and Applications	January 2024	VOL. 32, NO. 1, 2024
6	Mr. Dharavath Venkatesh		Journal of Computational Analysis and Applications	January 2024	VOL. 32, NO. 1, 2024
7	Mrs. Meka Venkateswari		Journal of Computational Analysis and Applications	January 2024	VOL. 32, NO. 1, 2024
8	Mrs. M Vishali		Journal of Computational Analysis and Applications	January 2024	VOL. 32, NO. 1, 2024
9	Dr. Prodduturi Nimitha	An Analytical Study of the Self-Healing Behaviour of Concrete Incorporating Indigenous Additives	International Journal of Intelligent Systems and Applications in Engineering	June 2024	IJISAE, 2024, 12 (21s), 5123–5133
10	Mr. Dharavath Venkatesh		International Journal of Intelligent Systems and Applications in Engineering	June 2024	IJISAE, 2024, 12 (21s), 5123–5133
11	Dr. Syed Anisuddin		International Journal of Intelligent Systems and Applications in Engineering	June 2024	IJISAE, 2024, 12 (21s), 5123–5133
12	Dr. Bandagorla Ramesh		International Journal of Intelligent Systems and Applications in Engineering	June 2024	IJISAE, 2024, 12 (21s), 5123–5133
13	Mr. Dharavath Venkatesh	A Comprehensive Analysis of IoT-Driven Bridge Health Monitoring Systems for Structural Risk Mitigation	Journal of e-Science Letters	April 2024	Volume 5, Issue 1, 2024. ISSN :3041-5454

14	Dr. Prodduturi Nimitha	A Comprehensive Analysis of IoT-Driven Bridge Health Monitoring Systems for Structural Risk Mitigation	Journal of e-Science Letters	April 2024	Volume 5, Issue 1, 2024. ISSN :3041-5454
15	Mrs. M Vishali	A Comprehensive Analysis of IoT-Driven Bridge Health Monitoring Systems for Structural Risk Mitigation	Journal of e-Science Letters	April 2024	Volume 5, Issue 1, 2024. ISSN :3041-5454
16	M. Sravanthi	A Comprehensive Analysis of IoT-Driven Bridge Health Monitoring Systems for Structural Risk Mitigation	Journal of e-Science Letters	April 2024	Volume 5, Issue 1, 2024. ISSN :3041-5454.
17	G. Suryanarayan	A Comprehensive Analysis of IoT-Driven Bridge Health Monitoring Systems for Structural Risk Mitigation	Journal of e-Science Letters	April 2024	Volume 5, Issue 1, 2024. ISSN :3041-5454.
18	G. Veeraswamy	Recent Foraminifera from The Mahanadi River Estuary, East Coast of India, International Journal of Membrane Science and Technology	IJMST	August 2023	2410-1869, Volume-10, No. 2 4249-4273 ISSUE 0
19	M. Venkatesh Reddy	Improvement Of Strength Characteristics of Expansive Soils Using Terrasil, Fly Ash and Cement by Forming Zico Bond	Journal Of Propulsion Technology	Nov 2023	1001-4055, Vol. 44 No. 5 (2023)
20	G. Sneha	Improvement Of Strength Characteristics of Expansive Soils Using Terrasil, Fly Ash and Cement by Forming Zyco Bond	Journal Of Propulsion Technology	Nov 2023	1001-4055, Vol. 44 No. 5 (2023)
(2022-2023)					
S. No	**Author Names**	**Title Of the Paper**	**Name Of the Journal**	**Month And Year of Publication**	**Volume Number, Issue Number ISSN /Doi**

1	Dr. Talakola lakshmi Ramadasu	Resilient High-Rises: Seismic Performance Study of A G+15 Building Using STAAD.Pro	Social Science Journal	August 2022	Res Militaris, vol.12 n°,6 ISSN: 2265-6294 Spring (2022)
2	Dr. Syed Anisuddin		Social Science Journal	August 2022	Res Militaris, vol.12 n°,6 ISSN: 2265-6294 Spring (2022)
3	Mrs. Rumpa Sutradhar		Social Science Journal	August 2022	Res Militaris, vol.12 n°,6 ISSN: 2265-6294 Spring (2022)
4	Mr. Sannedanam Manikanta		Social Science Journal	August 2022	Res Militaris, vol.12 n°,6 ISSN: 2265-6294 Spring (2022)
(2021-2022)					
S. No	**Author Names**	**Title Of the Paper**	**Name Of the Journal**	**Month And Year of Publication**	**Volume Number, Issue Number ISSN /Doi**

1	Dr. G. Venkata Ramana	Strength And Flow: Experimental Insights into Fiber Reinforced Self-Compacting Concrete with Sintered Fly Ash	International Journal of Communication Networks and Information Security	November 2021	Vol. 13 No. 3 (2021)
2	Dr. N. L. Narasimha Rao		International Journal of Communication Networks and Information	November 2021	Vol. 13 No. 3 (2021)
3	Mr. J. Venkata Varaprasad		Security	November 2021	Vol. 13 No. 3 (2021)
4	Dr. Prodduturi Nimitha		International Journal of Communication Networks and Information	November 2021	Vol. 13 No. 3 (2021)

PART E: First Year faculty and financial Resources

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

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage=((NS1*0.8) + (NS2*0.2))/RF
2022-23(CAYm2)	660	33	34	22	96
2023-24(CAYm1)	900	45	38	30	81
2024-25(CAY)	1020	51	36	30	68

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

Items	Budgeted in 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Infrastructure Built-Up	6800000	6713501	5600000	5594585	4100000	4024549	4200000	4165150
Library	800000	798410	650000	647540	550000	548550	500000	464011
Laboratory equipment	25600000	25561900	21500000	21301583	2800000	2770426	2400000	2365111
Teaching and non-teaching staff salary	220000000	219690526	195400000	195377128	172000000	171175196	165000000	162994289
Outreach Programs	5700000	5677190	4800000	4730992	3500000	3332808	550000	540500
R&D	3500000	3496500	3000000	2997500	2500000	2498500	2000000	1998500
Training, Placement and Industry linkage	6100000	6088320	5200000	5073600	4000000	3768752	450000	423395
SDGs	1200000	1123132	800000	797500	600000	585500	500000	449500
Entrepreneurship	700000	674531	500000	488717	400000	385500	300000	286000
JNTUH Affiliation Fee, JNTUH Common Service	124640000	124528126	59610000	59331060	42748500	41586285	32584500	32101046
Total	**395040000**	**394352136**	**297060000**	**296340205**	**233198500**	**230676066**	**208484500**	**205787502**

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

Table No. E3.1: Budget and actual expenditure incurred at program level.

Items	Budgeted in 2024-2025	Actual Expenses in 2024-2025 till	Budgeted in 2023-2024	Actual Expenses in 2023-2024 till	Budgeted in 2022-2023	Actual Expenses in 2022-2023 till	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till
Laboratory equipment	500000	495856	2000000	1998111	300000	299534	300000	299832
Software	275000	272856	250000	248953	250000	249551	230000	229851
SDGs	100000	98619	35000	34896	30000	29853	25000	24955
Support for faculty development	425000	424531	375000	374596	325000	324583	300000	298752
R & D	550000	549532	500000	498736	450000	448921	400000	399332
Industrial Training, Industry expert, Internship	550000	549713	500000	498536	450000	449532	400000	389853
Printng & Stationary, BOS, Internet Charges, Lab	2600000	2537597	440000	392033	2095000	2032560	2145000	2078571

Total	**5000000**	**4928704**	**4100000**	**4045861**	**3900000**	**3834534**	**3800000**	**3721146**