NATIONAL BOARD OF ACCREDITATION

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

PART-A: Profile of the Institute

Name of the Program Applied for: CIVIL ENGINEERING

A1: Name of the Institute: - ACE ENGINEERING COLLEGE

Year of Establishment: 2007 Location of the Institute: Hyderabad

A2: Institute Address: -

ACE Engineering College, Survey no:175 & 181, Ankushapur Village, Ghatkesar Mandal, Medchal- Malkajgiri District, Telangana - 501301.

City : Hyderabad State : Telangana

Pin Code : 501301 Website: www.aceec.ac.in

E-mail: aceenggcollege@gmail.com Phone No (with STD Code): +91-9490491200

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

Name of the University: JNTU Hyderabad City: Hyderabad Urban

State : Telangana Pin Code:500085

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: Self-Supported Institute

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

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

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

- No. of UG programs: 11
- No. of PG programs: 0

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	Year of close*	Name of the Department
1	UG	Artificial Intelligence and Data Science	2023	2024	Artificial Intelligence and Data Science
2	UG	Artificial Intelligence and Machine Learning	2023	2024	Artificial Intelligence and Machine Learning
3	UG	Civil Engineering	2009		Civil Engineering
4	UG	Computer Science and Engineering	2007		Computer Science and Engineering
5	UG	Computer Science and Engineering(Artificial Intelligence & Machine Learning)	2020		Computer Science and Engineering(Artificial Intelligence & Machine Learning)
6	UG	Computer Science and Engineering(Data Science)	2020		Computer Science and Engineering(Data Science)
7	UG	Computer Science and Engineering(Internet of Things)	2020		Computer Science and Engineering(Internet of Things)
8	UG	Electrical & Electronics Engineering	2007		Electrical & Electronics Engineering
9	UG	Electronics & Communication Engineering	2007		Electronics & Communication Engineering
10	UG	Information Technology	2019		Information Technology
11	UG	Mechanical Engineering	2011		Mechanical Engineering

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

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

Cluster ID	Name of the Department	Name of the Program
	Civil Engineering	B.Tech (Civil Engineering)
	Mechanical Engineering	B.Tech (Mechanical Engineering)

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)
NA		

PART-B: Program information

(Data to be filled in for the program applied for Accreditation)

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

Table No. B1: Program details.

S. No	Program Name	Year of start	Sanctioned Intake	Increase/ decrease in intake, if any	Year of increase/ decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1	Civil Engineering	2009	60	Yes	2020	F.No. South-Central/ 1-7006905490/ 2020/EOA/Corrigendum-1, Date:22-Jul-2020	Granted accreditation for 3years for the period (a. 2019 to 2022 b. 2022 to 2025)	2

* Write applicable one:

- Applying first time
- **Granted accreditation for 2/3 years for the period (2019 to 2022 & 2022 - 2025)** ∨
- Granted accreditation for 5/6 years for the period (specify period)
- Not accredited (specify visit dates, year).
- Withdrawn (specify visit dates, year)
- Not eligible for accreditation.

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

A. Name of the HoD: Dr. Kesava Reddy Metta

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: hodce@aceec.ac.in**

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)	**CAY (2024-25)**	**CAYm1 (2023-24)**	**CAYm2 (2022-23)**	**CAYm3 (2021-22)**	**CAYm4 (LYG) (2020-21)**	**CAYm5 (LYGm1) (2019-20)**	**CAYm6 (LYGm2) (2018-19)**
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	57	20	30	42	57	76	118
N2= Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	13	49	37	24	9	56	14
N3= Separate division if any	--	--	--	--	--	--	--
N4= Total no. of students admitted in the 1st year via all supernumerary quotas	--	--	--	--	--	--	--
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	70	69	67	66	66	132	132

CAY = Current Academic Year.
CAYm1= Current Academic Year Minus1.
CAYm2= Current Academic Year Minus2.
LYG = Last Year Graduate
LYGm1 = Last Year Graduate Minus1.
LYGm2 = Last Year Graduate Minus2

B4: Enrollment Ratio in the First Year

Table No.B4.1: Student Enrollment Ration in the 1st Year.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, CAYm2))	**CAY (2024-25)**	**CAYm1 (2023-24)**	**CAYm2 (2022-24)**
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	57	20	30
N4 = Total No.of students admitted in the 1st year via all supernumerary quotas	--	--	--
Enrollment Ratio (ER) = (N1+N4)/N	0.95	0.34	0.5
Average ER = (ER_1+ER_2+ER_3)/3	0.6		

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	**LYG (2020-24)**	**LYGm1 (2019-23)**	**LYGm2 (2018-22)**
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	144	132
B= No. of students who graduated from the program in the stipulated course duration	44	121	118

Success Rate (SR)= (B/A) * 100	66.67	84.03	89.4
Average SR of three batches ((SR_1+ SR_2+ SR_3)/3)	80.03		

Note *: If the value of A in Table No. B5.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No. B5.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

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)
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)	**5.635**	**5.14**	**5.1**
Y= Total no. of successful students	**20**	**29**	**39**
Z = Total no. of students appeared in the examination	**20**	**29**	**41**
API = X* (Y/Z)	**5.635**	**5.14**	**4.85**
Average API = (AP1 + AP2 + AP3)/3	**5.21**		

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 2nd year/10)	**6.215**	**5.725**	**5.225**
Y= Total no. of successful students	**65**	**63**	**60**
Z = Total no. of students appeared in the examination	**66**	**63**	**61**
API = X* (Y/Z)	**6.120**	**5.725**	**5.1393**
Average API = (AP1 + AP2 + AP3)/3	**5.66**		

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 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)	**6.025**	**6.395**	**5.4775**
Y= Total no. of successful students	**63**	**59**	**134**
Z = Total no. of students appeared in the examination	**63**	**59**	**135**
API = X* (Y/Z)	**6.025**	**6.395**	**5.437**
Average API = (AP1 + AP2 + AP3)/3	**5.95**		

B9. Placement, Higher Studies and Entrepreneurship (30)

Table No.B9.1: Placement, Higher Studies and Entrepreneurship details.

Item	LYG (2020-24)	LYGm1 (2019-23)	LYGm2 (2018-22)
FS* = Total No.of Final Year Students	66	132	132
X = No.of students placed	41	92	85
Y = No.of students admitted to higher studies	3	5	5
Z = No.of students taking up entrepreneurship	0	0	0
X + Y + Z =	44	97	90
Placement Index (P) = (((X + Y + Z)/FS)*100)	66.67	73.49	68.1
Average Placement Index = (P_1 + P_2 + P_3)/3	69.42		

Note *: If the value of FS in Table No. B9.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of FS in Table No. B9.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

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

Academic Year: CAY (2024-25)

S.NO	Name of the faculty	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)	If contractual mention Full time or (Part time or hourly based)	Currently Associated (Y /N)	Date of leaving if any (In case currently assosciated is NO)
1	Mr. VENKATA GOPALA KRISHNA MURTHY YADALA	M.Tech	KAKATIYA UNIVERSITY	Structural Engineering	02-06-2007	18	Professor	Professor		Regular		Yes	
2	Dr. AYUB PATHAN	Ph.D	JNTUH	Geotechnical Engineering	01-08-2007	18	Associate Professor	Professor	22-04-2016	Regular		Yes	
3	Dr. KESAVA METTA	Ph.D	OSMANIA UNIVESRITY	Structural Engineering	01-08-2010	15	Associate Professor	Professor	17-03-2023	Regular		Yes	
4	Dr. SRINIVASANNAGU PULLA	Ph.D	NIT	Structural Engineering	01-09-2020	4	Associate Professor	Professor	01-09-2023	Regular		Yes	
5	Dr. SALEEMMIYA SHAIK	Ph.D	OSMANIA UNIVESRITY	Hydro-Geology	04-07-2011	14	Assistant Professor	Associate Professor	16-08-2024	Regular		Yes	
6	Mr. TEJASWI INALA	M.Tech	JNTUH	Structural Engineering	12-01-2015	10	Assistant Professor	Assistant Professor		Regular		Yes	
7	Ms.VIJAYA DENDUKURI	M.Tech	JNTUH	Transportation Engg	26-10-2015	9	Assistant Professor	Assistant Professor		Regular		Yes	
8	Mr. MOHD KHADEER	M.E	OSMANIA UNIVESRITY	Structural Engineering	30-11-2015	9	Assistant Professor	Assistant Professor		Regular		Yes	
9	Ms. ALEKHYA GOLLAPUDI	M.Tech	JNTUK	Structural Engineering	30-11-2015	9	Assistant Professor	Assistant Professor		Regular		Yes	
10	Mr. SHIBAJEE SUTAR	M.Tech	NIT	Structural Engineering	29-07-2016	9	Assistant Professor	Assistant Professor		Regular		Yes	
11	Mr. PRADEEP RAGHU	M.Tech	NIT	Geotechnical Engine	11-12-201	7	Assistant Professor	Assistant Profess		Regular		Yes	

				ering	7			or					
12	Mr. NAGASRINU TADEPALLI	M.Tech	JNTUH	Structural Engineering	20-08-2018	6	Assistant Professor	Assistant Professor		Regular		Yes	
13	Ms. SOWMYA NAREPALEM	M.Tech	JNTUK	Structural Engineering	20-08-2018	6	Assistant Professor	Assistant Professor		Regular		Yes	
14	Mr. BHASKAR SINGH BONDILI	M.Tech	IIT	Structural Engineering	28-02-2020	5	Assistant Professor	Assistant Professor		Regular		Yes	
15	Mr. MALLIKARJUN BEJJARAPU	M.Tech	NIT	Structural Engineering	01-09-2020	4	Assistant Professor	Assistant Professor		Regular		Yes	
16	Mr. DUGGI REDDY PAVAN KUMAR	M.Tech	IIT	Geotechnical Engineering	01-09-2020	4	Assistant Professor	Assistant Professor		Regular		Yes	
17	Mr. SANDEEP BANDIPALLY	M.S	IIT	Geotechnical Engineering	27-10-2023	1	Assistant Professor	Assistant Professor		Regular		Yes	
18	Mr.POTTI ABHISHEK	M.TECH	NIT	Environmental Engineering	15-02-2024	1	Assistant Professor	Assistant Professor		Regular		Yes	
19	Dr.NAVEEN NAIDU	Ph.D	BITS	Water Resources Engineering	08-08-2024	1	Associate Professor	Associate Professor		Regular		Yes	
20	Dr.DINESH	Ph.D	DTU	Geotechnical Engineering	08-08-2024	1	Assistant Professor	Assistant Professor		Regular		Yes	
21	Mr.MOJYA	M.TECH	IIT	Structural Engineering	08-08-2024	1	Assistant Professor	Assistant Professor		Regular		Yes	
22	Dr. SRIDEVI MADIVADANAAN	Ph.D	JNTUH	Structural Engineering	10-12-2020	4	Associate Professor	Associate Professor		Regular		No	31-12-2024

Academic Year: CAYm1 (2023-24)

S.NO	Name of the faculty	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)	If contractual mention Full time or (Part time or hourly basd)	Currently Associated (Y /N)	Date of leaving if any (In case currently assosciated is NO)
1	Mr.VENKATA GOPALA KRISHNA MURTHY YADALA	M.Tech	KAKATIYA UNIVERSITY	Structural Engineering	02-06-2007	17	Professor	Professor		Regular		Yes	
2	Dr. AYUB PATHAN	Ph.D	JNTUH	Geotechnical Engineering	01-08-2007	17	Associate Professor	Professor	22-04-2016	Regular		Yes	
3	Dr. KESAVA METTA	Ph.D	OSMANIA UNIVESRITY	Structural Engineering	01-08-2010	14	Associate Professor	Professor	17-03-2023	Regular		Yes	
4	Dr. SRINIVASANNAGU PULLA	Ph.D	NIT	Structural Engineering	01-09-2020	3	Associate Professor	Associate Professor	01-09-2023	Regular		Yes	
5	Dr. SRIDEVI MADIVADANAAN	Ph.D	JNTUH	Structural Engineering	10-12-2020	3	Associate Professor	Associate Professor		Regular		Yes	
6	Mr. SREENIVASULU MANNEM	M.Tech	IIT	Water Resources Engineering	01-07-2015	8	Associate Professor	Associate Professor		Regular		Yes	
7	Mr.SALEEM MIYA SHAIK	M.SC (in Engineering)	OSMANIA UNIVESRITY	Geology	04-07-2011	13	Assistant Professor	Assistant Professor		Regular		Yes	
8	Mr. TEJASWI INALA	M.Tech	JNTUH	Structural Engineering	12-01-2015	9	Assistant Professor	Assistant Professor		Regular		Yes	
9	Ms.VIJAYA DENDUKURI	M.Tech	JNTUH	Transportation Engineering	26-10-2015	8	Assistant Professor	Assistant Professor		Regular		Yes	
10	Mr. MOHD KHADEER	M.E	OSMANIA UNIVESRITY	Structural Engineering	30-11-2015	8	Assistant Professor	Assistant Professor		Regular		Yes	
11	Ms. ALEKHYA GOLLAPUDI	M.Tech	JNTUK	Structural Engineering	30-11-2015	8	Assistant Professor	Assistant Professor		Regular		Yes	

12	Mr. SHIBAJEE SUTAR	M.Tech	NIT	Structural Engineering	29-07-2016	8	Assistant Professor	Assistant Professor		Regular		Yes	
13	Mr. RAVI CHANDRA MALLADI	M.Tech	VIT	Structural Engineering	05-08-2017	7	Assistant Professor	Assistant Professor		Regular		Yes	
14	Mr. PRADEEP RAGHU	M.Tech	NIT	Geotechnical Engineering	11-12-2017	6	Assistant Professor	Assistant Professor		Regular		Yes	
15	Mr.NAGASRINU TADEPALLI	M.Tech	JNTUH	Structural Engineering	20-08-2018	5	Assistant Professor	Assistant Professor		Regular		Yes	
16	Ms.SOWMYA NAREPALEM	M.Tech	JNTUK	Structural Engineering	20-08-2018	5	Assistant Professor	Assistant Professor		Regular		Yes	
17	Mr. JAGADEESH VIJAYAGIRI	M.Tech	JNTUH	Structural Engineering	12-01-2019	5	Assistant Professor	Assistant Professor		Regular		Yes	
18	Mr. BHASKAR SINGH BONDILI	M.Tech	IIT	Structural Engineering	28-02-2020	4	Assistant Professor	Assistant Professor		Regular		Yes	
19.	Mr. CHINNA ETIKALA	M.Tech	JNTUH	Environmental Engineering	25-02-2020	4	Assistant Professor	Assistant Professor		Regular		Yes	
20	Mr. MALLIKARJUN BEJJARAPU	M.Tech	NIT	Structural Engineering	01-09-2020	3	Assistant Professor	Assistant Professor		Regular		Yes	
21	Mr. DUGGI REDDY PAVAN KUMAR	M.Tech	IIT	Geotechnical Engineering	01-09-2020	3	Assistant Professor	Assistant Professor		Regular		Yes	
22	Ms. RENUKA ROY	M.Tech	JNTUH	Geotechnical Engineering	06-04-2023	1	Assistant Professor	Assistant Professor		Regular		Yes	

Academic Year:CAYm2 (2022-23)

S.NO	Name of the faculty	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)	If contractual mention	Currently Associated (Y /N)	Date of leaving if any (In case currently assosciated is NO)
1	Mr. VENKATA GOPALA KRISHNA MURTHY YADALA	M.Tech	KAKATIYA UNIVERSITY	Structural Engineering	02-06-2007	16	Professor	Professor		Regular		Yes	
2	Dr. AYUB PATHAN	Ph.D	JNTUH	Geotechnical Engineering	01-08-2007	16	Associate Professor	Professor	22-04-2016	Regular		Yes	
3	Dr.SELVARAJ ROBERT RAVI	Ph.D	KARUNYA UNIVERSITY	Structural Engineering	02-11-2017	6	Professor	Professor		Regular		Yes	
4	Dr. KESAVA METTA	Ph.D	OSMANIA UNIVESRITY	Structural Engineering	01-08-2010	13	Associate Professor	Professor	17-03-2023	Regular		Yes	
5	Dr. SRINIVASAN NAGU PULLA	Ph.D	NIT	Structural Engineering	01-09-2020	2	Associate Professor	Associate Professor	01-09-2023	Regular		Yes	
6	Dr. SRIDEVI MADIVADA NAAN	Ph.D	JNTUH	Structural Engineering	10-12-2020	2	Associate Professor	Associate Professor		Regular		Yes	
7	Mr. SREENIVASULU MANNEM	M.Tech	IIT	Water Resources Engineering	01-07-2015	7	Associate Professor	Associate Professor		Regular		Yes	
8	Mr.SALEEM MIYA SHAIK	M.SC(in Engineering)	OSMANIA UNIVESRITY	Geology	04-07-2011	12	Assistant Professor	Assistant Professor		Regular		Yes	
9	Mr. TEJASWI INALA	M.Tech	JNTUH	Structural Engineering	12-01-2015	8	Assistant Professor	Assistant Professor		Regular		Yes	
10	Ms.BOLLAMPALLY SRUTI SOWDHAMINI	M.Tech	JNTUH	Structural Engineering	01-10-2015	6	Assistant Professor	Assistant Professor		Regular		No	05-09-2022
11	Ms.VIJAYA DENDUKURI	M.Tech	JNTUH	Transportation Engineeri	26-10-2015	7	Assistant Professor	Assistant Professor		Regular		Yes	

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12	Mr. MOHD KHADEER	M.E	OSMANIA UNIVESRITY	Structural Engineering	30-11-2015	7	Assistant Professor	Assistant Professor		Regular		Yes	
13	Ms. ALEKHYA GOLLAPUDI	M.Tech	JNTUK	Structural Engineering	30-11-2015	7	Assistant Professor	Assistant Professor		Regular		Yes	
14	Mr. SHIBAJEE SUTAR	M.Tech	NIT	Structural Engineering	29-07-2016	6	Assistant Professor	Assistant Professor		Regular		Yes	
15	Mr..PRANEETH BABU	M.Tech	KAKATIYA UNIVERSITY	Structural Engineering	03-08-2017	5	Assistant Professor	Assistant Professor		Regular		No	06-09-2022
16	Mr. RAVI CHANDRA MALLADI	M.Tech	VIT	Structural Engineering	05-08-2017	6	Assistant Professor	Assistant Professor		Regular		Yes	
17	Mr. PRADEEP RAGHU	M.Tech	NIT	Geotechnical Engineering	11-12-2017	5	Assistant Professor	Assistant Professor		Regular		Yes	
18	Mr.NAGASRINU TADEPALLI	M.Tech	JNTUH	Structural Engineering	20-08-2018	4	Assistant Professor	Assistant Professor		Regular		Yes	
19	Ms.SOWMYA NAREPALEM	M.Tech	JNTUK	Structural Engineering	20-08-2018	4	Assistant Professor	Assistant Professor		Regular		Yes	
20	Mr.CHILLAGATTU VENKATA ADITHYA	M.Tech	JNTUA	Structural Engineering	20-08-2018	4	Assistant Professor	Assistant Professor		Regular		No	06-09-2022
21	Mr. JAGADEESH VIJAYAGIRI	M.Tech	JNTUH	Structural Engineering	12-01-2019	4	Assistant Professor	Assistant Professor		Regular		Yes	
22	Mr.BABBURI SAICHARAN	M.Tech	NIT	Construction Management	07-01-2019	4	Assistant Professor	Assistant Professor		Regular		No	06-09-2022
23	Mr.MAHADEV	M.Tech	VTU	Structural Engineering	17-01-2019	4	Assistant Professor	Assistant Professor		Regular		No	06-09-2022
24	Mr. BHASKAR SINGH BONDILI	M.Tech	IIT	Structural Engineering	28-02-2020	3	Assistant Professor	Assistant Professor		Regular		Yes	
25	Mr. CHINNA ETIKALA	M.Tech	JNTUH	Environmental Engineering	25-02-2020	3	Assistant Professor	Assistant Professor		Regular		Yes	
26	Mr. MALLIKARJUN BEJJARAPU	M.Tech	NIT	Structural Engineering	01-09-2020	2	Assistant Professor	Assistant Professor		Regular		Yes	

27	Mr. DUGGI REDDY PAVAN KUMAR	M.Tech	IIT	Geotechnical Engineering	01-09-2020	2	Assistant Professor	Assistant Professor		Regular		Yes	

C2: Student-Faculty Ratio (SFR)

Table No.C2.1: Student – Faculty Ratio

Year	CAY(2024-25)	CAYm1(2023-24)	CAYM2(2022-23)
UG1: B	69	66	63
UG1: C	66	63	60
UG1: D	63	60	137(73+64)
S	198	189	260
F	21	22	22
FF	5	4	4
SFR	12.375	10.5	14.44
AVERAGE SFR	12.44		

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 SAR; (RF=S/20).

Table No.C3.1: Faculty qualification

YEAR	X	Y	RF	FQI= 2.5 * [(10X +4Y)/RF]
CAY (2024-25)	6	15	9	33.33
CAYm1 (2023-24)	4	18	9	31.11
CAYm2 (2022-23)	4	18	12	23.33

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 document.

➢ 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 C2 of this document.

➢ 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 C2 of this document.

❖ Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C3.1: 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(2024-25)	1	3	2	2	6	16
CAYm1(2023-24)	1	2	2	2	6	18
CAYM2(2022-23)	2	2	2	2	8	18
Average Numbers	**RF1=**1.33	**AF1=**2.33	**RF2=**2	**AF2**=2	**RF3**=6.66	**AF3**=17.33

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.

S.NO	Name Of The Person	Designation &Organization	Name of the Course	No. of Hours Handled
CAYm1(2023-24)				
1	Er.Surya Prakash	Director, Smart Infrastructural Engineering Services Trust	Leap	30
2.	Dr.P. Jagannadha rao	Professor (Retd)	Concrete Technology	32
			Total No of Hours	62
CAYm2(2022-23)				
1	Er.Surya Prakash	Director, Smart Infrastructural Engineering Services Trust	Leap	34
2.	Dr.P. Jagannadha rao	Professor (Retd)	Concrete Technology	30
			Total No of Hours	64
CAYm3(2021-22)				
1	Er.Surya Prakash	Director, Smart Infrastructural Engineering Services Trust	Leap	30
2.	Dr.P. Jagannadha rao	Professor (Retd)	Concrete Technology	30
			Total No of Hours	60

C6: Academic Research

Table No. C6.1: Faculty publication details.

S.N.	Item	CAYm1 (2023 – 2024)	CAYm2 (2022 – 2023)	CAYm3 (2021 – 2022)
1	No. of peer reviewed journal papers published	-		4
2	No. of peer reviewed conference papers published	5	7	5
3	No. of books/book chapters published	-	-	-

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
CAYm1(2023 – 2024)							
1	ACE Engineering College Faculty	Civil Faculty	ACE Engineering College	AICTE-IDEA lab	AICTE	2024-Present	90,00,000/-
2	Dr. M V Vijaya Saradhi	Dr. Saleemmiya Shiak	ACE Engineering College	Leveraging Reinforcement Learning and Graph Theory for Efficient Water Resource Distribution in Ghatkesar, Hyderabad Amidst Climate Change	Climate, Energy and Sustainable Technology Division (CEST)	2024 In Progress	12,20,001/- (Proposal Submitted)
					Amount to be received (Rs.)		1,02,20,001
Total Amount to be received for the Past 3 Years							1,02,20,001/-

C8: Consultancy Work

Table No. C8.1: List of consultancy 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
CAYm1(2023 – 2024)							
1	Civil Engineering Faculty		Civil Engineering	EAMCET 2023		10,11,12,13,14 May 2023 (6 Days)	3,76,022/-
2	Ms. N. Sowmya	Mr. Shaik Saleemmiya Mr. E. Chinna	Civil Engineering	Preparation of Civil Engineering subject GATE & IES Material Mock GATE Question paper preparation Answer scripts evaluation	ACE Engineering Academy	2023-2024	2,50,000/-
3	Mr. Bhaskar Singh		Civil Engineering	Material Testing	Villa Infra	2023-24	600/-
						Amount received (Rs.)	6,26,622/-
CAYm2(2022 – 2023)							
	Civil Engineering Faculty		Civil Engineering	IIT –JEE (Mains) 2022		24-29 June 2022 (6 Days)	4,32,000/-
1	Mr. Shaik Saleemmiya	Mr. Shibajee Sutar Mr. Inala Tejaswi	Civil Engineering	Preparation of Civil Engineering subject GATE & IES Material Mock GATE Question paper preparation Answer scripts evaluation	ACE Engineering Academy	2022-2023	2,50,000/-
2	Mr. E. Chinna		Civil Engineering	Water quality parameters testing	VR sons Goli Soda	2022-23	2,500/-
						Amount received (Rs.)	6,84,500/-

CAYm3(2021 – 2022)							
1	Mr. B. Sandeep Mrs. G. Alekhya	Mr. T. Naga Srinu	Civil Engineering	Preparation of Civil Engineering subject GATE & IES Material Mock GATE Question paper preparation Answer scripts evaluation	ACE Engineering Academy	2021-2022	2,00,000/-
2	Ms. Sridevi		Civil Engineering	Testing of wall panels	M. Mounika (SRM University, Chenni)	2021-2022	1000/-
						Amount received (Rs.)	2,01,000/-
Total amount received for the past 3 years							15,12,122/-

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	Amount Utilized	Outcomes of the project
CAYm1(2023 – 2024)						
1	ACE Civil Engineering Faculty	3D Printer	2023-24	7,04,522/-	7,04,522/-	Enable Precision in Small-Scale 3D Printing Utilize 3D printing technology for creating detailed prototypes, customized components, and small structural models. Enhance Material Efficiency & Design Accuracy Apply advanced techniques to optimize material usage, improve print resolution, and ensure structural integrity in small-scale prints.

2	PI: Mr. Mohd Khadeer Co-PI: Mr. Shaik Saleemmiya	Aerial Radius Mapping for Engineering and Environmental Applications	2023-24	1,85,221/-	1,85,221/-	The project successfully generated high-resolution aerial LiDAR maps, improving precision in engineering planning and environmental monitoring. The outcomes enhanced decision-making in infrastructure development, disaster risk assessment, and ecological conservation.
					Amount received (Rs.)	8,89,743/-
CAYm2 (2022 – 2023)						
1	PI: Mr. Shaik Saleemmiya	Geophysical Investigation for Groundwater Potential Evaluation of a Regolith Aquifer in a Typical Basement Complex Terrain: A Case Study of Ghatkesar.	2022-2023	1,75,001/-	1,75,000/-	The study successfully identified groundwater potential zones in the regolith aquifer of Ghatkesar using geophysical methods. Findings aid in sustainable water resource management and informed groundwater exploration in basement complex terrains.
					Amount received (Rs.)	1,75,001/-
CAYm3 (2021 – 2022)						
1	PI: Mr. Shaik Saleemmiya	Heavy Metals in Water and Sediments: A Case Study of Edulabad Lake.	2021-2022	1,60,015/-	1,60,015/-	The study assessed heavy metal contamination in the water and sediments of Edulabad Lake, identifying pollution levels and potential sources. Findings support environmental management and remediation efforts to protect aquatic ecosystems and public health.
					Amount received (Rs.)	1,60,015/-
Total amount received for the past 3 years					12,24,759/-	

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 Man Power details for ODD SEMESTER (2024-25)

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 Laboratory	30	• Chains, Ranging Rods, Cross Staff, Arrows, Tape. • Prismatic Compass with Tripod, Optical Square. • Plain Table with Accessories. • Dumpy Level with Tripod, Leveling Staffs.	100%	Mr. K. Satyanarayana	Lab Assistant	Inter (Voc)
2	Strength of Material Laboratory	30	• Universal Testing Machine • Torsion Testing Machine • Hardness Testing Machine • Impact Testing Machine • Spring Testing Machine • Continuous Beam Setup • Simple Supported Beam Setup • Cantilever Beam Setup • Shear Test Apparatus • Electrical Resistance Strain Gauges • Digital Strain Indicator • Compression Testing Machine	100%	Mr. R. Srinivas Naik	Lab Assistant	ITI

3	CAD Laboratory	30	• No. Of Systems: 30 • Professional AUTOCAD Software (Licensed).	100%	Mrs. T. Shyamala Devi	Lab Assistant	DCE
4	Transportation Engineering Laboratory	30	<u>I. ROAD AGGREGATES</u> 1.Aggregate Crushing value 2.Aggregate Impact Test 3.Specific Gravity and water absorption Test 4.Abrasion Test 5.Flakiness and Elongation Indices of Coarse Aggregates <u>II .BITUMINOUS MATERIALS</u> 1.Penetration Test 2.Ductility Test 3.Softening Point Test • 4.Marshal Stability Test <u>III. Traffic Studies</u> • Volume count • Speed studies	100%	Mr.Ashok Kumar	Lab Assistant	ITI
5	Geotechnical Engineering Laboratory	30	• Liquid Limit Apparatus • Plastic Limit Apparatus • Shrinkage Limit Apparatus • Core Cutter Apparatus • Sand Replacement Apparatus • Oven • Density Bottle • Pycnometre • Set Of Sieves • Permeability Test	100%	Mr. R. Laxman	Lab Assistant	ITI

			Apparatus • Standard Proctor Compaction Test Apparatus • Consolidation Test Apparatus • Unconfined Compressive Testing Machine • Vane Shear Test Apparatus • Differential Free Swell Index Test Apparatus (50 & 100 Ml Measuring Jars) • Direct Shear Test Apparatus • CBR Testing Machine • Tri-axial Testing Machine				

Table No.D1.1: List of Laboratories and Technical Man Power details for EVEN SEMESTER (2024-25)

S. No.	Name of the Laboratory	No. of students per setup (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 Laboratory	30	• Theodolite • Total Station. • G.P.S	100%	Mr. K. Satyanarayana	Lab Assistant	Inter (Voc)
2	Hydraulics & Hydraulics Machines Laboratory	30	• Pelton Wheel Experimental Setup • Franscis Turbine Experimental Setup • Experimental Setup for Verification of Bermoulli's Theorem	100%	Mr.Ashok kumar	Lab Assistant	ITI

			• Single Stage and Multi Stage setups for Centrifugal Pumps • Reciprocating Pump Setup • Pipe Line Assembly for Determination of Head Loss and Friction Factor • Hydraulic Jump • Impact of Jet • Sudden Closure Value Setup to Study Water Hammer Effect • Water Hammer Condition Development for Sudden Closure of Value Setup				
3	Engineering Geology and Concrete Technology Lab	30	• Rock Specimens • Mineral Specimens • Models of Structural Geology • Geological Maps of India. <u>I. Test on Cement</u> 1.Normal consistency and fineness of cement 2.Initial setting time and final setting time of cement 3.Specific Gravity of Cement 4.Soundness of cement 5. Compressive strength of Cement 6.Workability Test on concrete by compaction factor, slump and Vee-bee <u>II. Test on Aggregate</u>	100%	Mr.Ashok kumar	Lab Assistant	ITI

			1.Sieve Analysis and Gradation chairs 2.Bulking of sand 3.Bulk and compact densities of fine and coarse aggregates <u>III. Test on Fresh concrete</u> 1.Slump Test 2.Compaction Factor test 3.Vee-bee Test 4.Flow Table Test <u>IV Test on hardened concrete</u> 1.Compression test on cubes and cylinders 2.Flexure test 3.Splitting Tensile Test 4.Modulus of Elasticity <u>V. Non Destructive test of concrete</u> 1.Rebound hammer 2.Ultrasound Pulse Velocity(UPV) 4.Marshal Stability Test				
4	Environmental Engineering Laboratory	30	• BOD Incubator • COD Apparatus • Micro Balancer • Refrigerator • Oven • Titration Equipment & Setup • PH Meter &Turbidity Meter. • Spectrophotometer. • Autoclave • Jar test Apparatus	100%	Mr. R. Laxman	Lab Assistant	ITI
5	CAD Laboratory	30	• No. Of Systems: 30 • Professional STAAD.PRO Software.	100%	Mrs. T. Shyamala Devi	Lab Assistant	DCE

D2: `Safety Measures in Laboratories

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

Sr. No.	Name of the Laboratory	Safety measures
1	Strength of Material Laboratory	• Dress code is mandatory and free hair should be avoided. • Stay away from swing plane when the Impact Testing Machine is in operation. • Wash your hands before you leave the lab for the day.
2	Surveying Laboratory	• Dress code is mandatory and free hair should be avoided. • Never attempt to lift a heavier weight than you can comfortably handle. Get help when needed. • Take proper care of the equipment and their accessories while on the field. • Wash your hands before you leave the lab for the day.
3	CAD Laboratory	• Operate systems in the presence of the lab in-charge. • Regular checks for leakage in wiring and electrical installations are done by concerned technicians. The safety of equipment and wires are provided by MCB. MCB provides protection during short circuits • Students should restrict to their specific experiment and systems.
4	Hydraulics & Hydraulic Machines Laboratory	• Dress code is mandatory and free hair should be avoided. • Do not touch anything that is not relevant with your experiment. • Keep away from motors and manometers for different equipment. • Wash your hands before you leave the lab for the day.
5	Engineering Geology & Concrete Technology Laboratory	• Dress code is mandatory and free hair should be avoided. • Care is to be taken while using Glassware & during preparation of concrete samples and demoulding of the concrete samples • Wash your hands before you leave the lab for the day.
6	Geotechnical Engineering Laboratory	• Dress code is mandatory and free hair should be avoided. • Care is to be taken while using glassware and during collection of soil samples • Do not operate any of the equipment unless you have been trained and authorized to do so. • Wash your hands before you leave the lab for the day.
7	Environmental Engineering Laboratory	• Read the chemical safety information. • Do not taste, or smell any chemicals. • If you get a burning sensation on your skin or in your eyes after lab hours, report to the health Centre and explain your symptoms, as well as their possible connection to the lab. • All chemical spills, glassware breakage and fires must be reported to you instructor/TA. • Any medical conditions, such as epilepsy, should be reported to the instructor. This information can be helpful in an emergency. • Wash your hands before you leave the lab for the day.

Note: - All laboratories are equipped with First Aid Kits and Fire Extinguishers as part of the prescribed safety measures.

D3: Project Laboratory/Research Laboratory

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

S.N	Name of the Laboratory
1	Research and Project Laboratory
2	Strength of Material laboratory
3	CAD Laboratory
4	Geotechnical Engineering Laboratory
5	Highway Engineering & Concrete Technology Laboratory
6	Environmental Engineering Laboratory
7	Surveying Laboratory
8	Engineering Geology Laboratory

PART E: Fist Year faculty and financial Resources.

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

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));
CAY (2024 – 2025)	1200	60	45	20	66.67
CAYm1 (2023 – 2024)	1020	51	43	18	74.5
CAYM2 (2022 – 2023)	1020	51	39	16	67.45

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 CFY**	**Actual expenses in CFY (till …)**	**Budgeted in CFYm1**	**Actual Expenses in CFYm1**	**Budgeted in CFYm2**	**Actual Expenses in CFYm2**	**Budgeted in CFYm3**	**Actual Expenses in CFYm3**
Infrastructure Built-Up	30000000	21575495	75000000	74840393	30000000	28349235	17500000	16264027
Library	1200000	1058586	125000	123565	1200000	1055129	1000000	884214
Laboratory equipment	600000	499975	400000	389071	900000	878039	750000	731253
Teaching and non-teaching staff salary	240000000	181449135	200000000	213785622	170000000	171433534	150000000	152408210
Outreach Programs								
R&D	500000	390808	200000	190500	1200000	1393200	200000	170173
Training, Placement and Industry linkage	4500000	3754133	3000000	2803606	3500000	3508507	2200000	2122530
SDGs								
Entrepreneurship								
Others*, pl. specify	220000000	114150776	200000000	202602147	170000000	169700151	130000000	128186893
Total amount	496800000	322878908	478725000	494734904	376800000	376317795	301650000	300767300

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 CFY**	**Actual expenses in CFY (till …)**	**Budgeted in CFY*m*1**	**Actual Expenses in CFY*m*1**	**Budgeted in CFY*m*2**	**Actual Expenses in CFY*m*2**	**Budgeted in CFY*m*3**	**Actual Expenses in CFY*m*3**
Laboratory equipment	100000		700000	704522	60000	0	50000	30976
Software	100000		179000	0	150000	171000	50000	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development								
R & D	200000		160000		40000	16500	30000	26000
Industrial Training, Industry expert, Internship	50000				25000		25000	10000
Miscellaneous expenses *	300000	250625	275000	260618	25000		26000	15000
Total amount	750000	250625	1314000	965140	300000	187500	181000	81976