

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Civil Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 11945	Date of Submission : 10-07-2026

PART A- Profile of the Institute

A1.Name of the Institute : DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY	
Year of Establishment : 2009	Location of the Institute: 164686 N 807389 E
A2. Institute Address :DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY GANGURU VILLAGE PENAMALURU MANDALAM KRISHNA DISTRICT ANDHRA PRADESH	
City:Krishna	State:Andhra Pradesh
Pin Code:521139	Website:www.diet.ac.in
Email:principal@diet.ac.in	Phone No(with STD Code):-
A3. Name and Address of the Affiliating University (if any):	
Name of the University : JAWAHARLAL TECHNOLOGICAL UNIVERITY KAKINADA	City: Krishna
State : Andhra Pradesh	Pin Code: 521139
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: **2**

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	2010	--	Civil Engineering
2	Engineering & Technology	UG	Computer Science and Engineering	2009	--	Computer Science and Engineering
3	Engineering & Technology	PG	Computer Science and Engineering	2012	--	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2021	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
5	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2024	--	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	2009	--	Electronics and Communication Engineering

8	Engineering & Technology	UG	Electronics and Communication Engineering (Industry Integrated)	2023	2026	Electronics and Communication Engineering (Industrial Integrated)
9	Engineering & Technology	PG	Environmental Engineering	2019	--	Civil Engineering
10	Engineering & Technology	UG	Information Technology	2019	2025	Information Technology
11	Engineering & Technology	UG	Mechanical Engineering	2009	--	Mechanical Engineering

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Electrical and Electronics Engineering	No	Electrical and Electronics Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	UG
Computer Science and Engineering (Artificial Intelligence and Machine Learning)	Yes	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	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 ACCREDITED	PROGRAM DURATION
1	Civil Engineering	UG	2010 / --	60	Yes	2022	30	2022	South-Central/1-10976062611/2022/EOA	Granted accreditation for 3 years for the period (specify period)	2018	2022	1	4

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

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr.U Siva Rama Krishna
B. Nature of appointment:	Regular
C. Qualification:	Ph.D

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	30	30	30	30	60	60	90
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	23	17	5	2	0	29	6
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	5	25	4	12	25	19
N3=Separate division if any	0	0	0	0	0	0	0
N4=Total no. of students admitted in the 1st year via all supernumerary quotas	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	23	22	30	6	12	54	25

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

B4. Enrolment Ratio in the First Year

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

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	30	23	0	76.67
2024-25 (CAYm1)	30	17	0	56.67
2023-24 (CAYm2)	30	5	0	16.67

Average [(ER1 + ER2 + ER3) / 3] = 50.00= 8.00

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

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

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	66.00	66.00	99.00
B=No. of students who graduated from the program in the stipulated course duration	10.00	32.00	20.00

Success Rate (SR)= (B/A) * 100	15.15	48.48	20.20
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Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 27.94

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

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	6.94	7.85	7.07
Y=Total no. of successful students	17.00	4.00	2.00
Z=Total no. of students appeared in the examination	17.00	5.00	2.00
API [X*(Y/Z)]	6.94	6.28	7.07

Average API[(AP1+AP2+AP3)/3] : 6.76

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2nd year/10)	7.41	7.44	7.12
Y=Total no. of successful students	28.00	6.00	12.00
Z=Total no. of students appeared in the examination	29.00	6.00	12.00
API [X * (Y/Z)]	7.15	7.44	7.12

Average API [(AP1 + AP2 + AP3)/3] : 7.24

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 3rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3rd year/10)	7.10	7.21	7.06
Y=Total no. of successful students	6.00	11.00	50.00
Z=Total no. of students appeared in the examination	6.00	12.00	54.00
API [X*(Y/Z)]:	7.10	6.61	6.54

Average API [(AP1 + AP2 + AP3)/3] : 6.75

B9. Placement, Higher Studies, and Entrepreneurship

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

Item	LYG (2021-22)	LYGm1(2020-21)	LYGm2(2019-20)
FS*=Total no. of final year students	66.00	66.00	99.00
X=No. of students placed	7.00	24.00	15.00
Y=No. of students admitted to higher studies	1.00	2.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	12.12	39.39	15.15

Average Placement Index = (P_1 + P_2 + P_3)/3: 22.22 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	Ms.K.P.Manjusha	XXXXXXX48A	M.Tech	ACHARYA NAGARJUNA UNIVERSITY	STRUCTURES	11/11/2014	11.8	Assistant Professor	Assistant Professor		Regular	Yes		
2	Mr.K.Vamsi Krishna	XXXXXXX18B	M.Tech	ACHARYA NAGARJUNA UNIVERSITY	STRUCTURES	27/06/2015	11	Assistant Professor	Assistant Professor		Regular	Yes		
3	Ms.M.Vineela	XXXXXXX57B	M.Tech	Gitam University	STRUCTURES & NATURAL DISASTER MANAGEMENT	09/06/2016	9.1	Assistant Professor	Assistant Professor		Regular	No	01/08/2025	
4	Mr.K.Babu rao	XXXXXXX98M	M.Tech	IIT Kharagpur	Infrastructure Design & management	27/03/2021	5.2	Assistant Professor	Assistant Professor		Regular	Yes		
5	Mr.G.Raju	XXXXXXX57K	M.Tech	JNTU KAKINADA	Geotechnical Engineering	31/03/2021	5.2	Assistant Professor	Assistant Professor		Regular	Yes		
6	Mr.N.Jagadeesh	XXXXXXX07A	M.Tech	KL UNIVERSITY	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	01/04/2021	5.2	Assistant Professor	Assistant Professor		Regular	Yes		
7	Mr.P Nagabhushanam	XXXXXXX85A	M.Tech	JNTU KAKINADA	Environmental Engineering	01/02/2023	1.9	Assistant Professor	Assistant Professor		Regular	No	20/11/2024	
8	Mr.B.Rama Krishna	XXXXXXX93M	M.Tech	JNTU KAKINADA	STRUCTURES	26/08/2023	2.10	Assistant Professor	Assistant Professor		Regular	Yes		
9	Dr. Maganti Ravindra Krishna	XXXXXXX88E	Ph.D	ACHARYA NAGARJUNA UNIVERSITY	STRUCTURES	19/08/2024	0.8	Professor	Professor		Regular	No	05/05/2025	
10	Dr.U Siva Rama Krishna	XXXXXXX15G	Ph.D	ACHARYA NAGARJUNA UNIVERSITY	Transportation Engineering	11/08/2025	0.10	Professor	Professor		Regular	Yes		Yes
11	Dr..V.Bhavitha Chowdary	XXXXXXX84D	Ph.D	NIT WARANGAL	Geotechnical Engineering	30/08/2022	3.10	Assistant Professor	Associate Professor	05/08/2024	Regular	Yes		No

12	Ms.CH.Divya	XXXXXXX71L	M.Tech	JNTU KAKINADA	Environmental Engineering	30/07/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Dr. Thirumalai Raja R	XXXXXXX07N	Ph.D	ANNAMALAI UNIVERSITY	STRUCTURES	23/08/2023	0.9	Professor	Professor		Regular	No	03/06/2024	No
14	Ms.P.Anusha	XXXXXXX55G	M.Tech	JNTU Kakinada	Environmental Engineering	28/08/2023	1.10	Assistant Professor	Assistant Professor		Regular	No	07/07/2025	No
15	Dr. Reshma Malipeddi	XXXXXXX42A	Ph.D	Andhra University	Structures	01/07/2026	0	Associate Professor	Associate Professor		Regular	Yes		No

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

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):

UG1=1st UG program

UGn=nth UG program

B= No. of Students in UG 2nd year (ST)

C= No. of Students in UG 3rd year (ST)

D= No. of Students in UG 4th year (ST)

No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

Student Faculty Ratio (**SFR**) = S/F

S= No. of students of all programs in the Department including all students of allied departments/clusters.

No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)

Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.

F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

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

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	33	33	33
UG1.C	33	33	66
UG1.D	33	66	66
UG1: Civil Engineering	99	132	165
PG1.A	6	6	6
PG1.B	6	6	18
PG1: Environmental Engineering	12	12	24
DS=Total no. of students in all UG and PG programs in the Department	111	144	189
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 111	S2= 144	S3= 189
DF=Total no. of faculty members in the Department	9	10	11
AF= Total no. of faculty members in the allied Departments	0	0	0

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 9	F2= 10	F3= 11
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 12.33	SFR2= 14.40	SFR3= 17.18
Average SFR for 3 years	SFR= 14.64		

C3. Faculty Qualification

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

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = $2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	2	7	5.00	24.00
2024-25(CAYm1)	2	8	7.00	18.57
2023-24(CAYm2)	1	10	9.00	13.89

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	1.00	1.00	1.00	1.00	4.00	7.00
2024-25	1.00	1.00	2.00	1.00	5.00	8.00
2023-24	1.00	1.00	2.00	0.00	6.00	10.00
Average	RF1=1.00	AF1=1.00	RF2=1.67	AF2=0.67	RF2=5.00	AF2=8.33

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	Mr B.Rajesh Kumar	Bridge/Structural Engineer	MSV International JV with Sri Infra Consultancy	Structural Analysis	26.00
2	Mr.Mummana Bala Krishna	Senior Officer(Quality and Operation)	Ultratech Ready Mixed Concrete	Concrete Technology	28.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr V.Hemanth Kumar	Deisgn Engineer	PS Engineering & Construction	Design and drawing of Reinforced concrete structures	27.00
2	Mr K.Priyatham Kumar	Senior Checker	Moldtek Technologies	Design and drawing of steel structures	26.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	MrG.D.C.H.Nagaraju	Retired AEE(Assistant Executive Engineer)	Panchayat Dept ,Andhra Pradesh	Water Resources Engineering	29.00
2	Mr B.Rajesh Kumar	Bridge/Structural Engineer	MSV International JV with Sri Infra Consultancy	Strength of materials	26.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	4	1	8
2	No. of peer reviewed conference papers published	4	0	3
3	No. of books/book chapters published	0	0	0

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

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

Note*:

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

C8. Consultancy Work

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. M. Ravindra Krishna	Dr. V. Bhavitha Chowdary	Civil Engineering	Smart Soil & Foundation Investigation Laboratory System	Samagra Creative Works	2 Years	6.00
						Amount received (Rs.):6.00

(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. Tirumalai Raja	V. Bhavitha Chowdary	Civil Engineering	Advanced Concrete Technology & Material Testing System	Samagra Creative Works	2 Years	5.00
						Amount received (Rs.):5.00

(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
Dr. G Vinay Kumar	Mr. K. Babu Rao	Civil Engineering	Design & Development of Structural Testing Laboratory with Automated Data Acquisition System	Samagra Creative Works	2 Years	4.00
						Amount received (Rs.):4.00

Total amount (Lacs) received for the past 3 years: 15.00

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
			Amount received (Rs.): 0		

(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
			Amount received (Rs.): 0		

(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
			Amount received (Rs.): 0		

Total amount (Lacs) received for the past 3 years : 0

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	FLUID MECHANICS AND HYDRAULIC MACHINES	4	1. Bernoulli's Theorem Equipment 2. Orifice and Mouthpiece equipment 3. Impact of Jet on vanes	6Hr/ Week	Mr. Ch. Jeswanth	Lab Assistant	B.Tech
2	TRANSPORTATION ENGINEERING	4	1. Aggregate crushing value Apparatus 2. Aggregate Impact test Apparatus 3. Pycnometer 4. Los Angeles Abrasion Testing Machine 5. Road	3Hr/ Week	Mr. N. Usman	Technical Assistant	B.Tech
3	GEOTECHNICAL ENGINEERING	4	1. Casagrande liquid limit apparatus 2. Apparatus for plastic and shrinkage limits 3. Field	3Hr/ Week	Mr. N. Usman	Technical Assistant	B.Tech
4	STRENGTH OF MATERIALS	4	1.Electronic Universal Testing Machine Capacity-100 Tons with flat and rounded grips along with shear	6Hr/Week	Mr. Syed. Khasim	Technical Assistant	B.Tech
5	ENVIRONMENTAL ENGINEERING	3	1.Digital pH meter 2. Digital Turbidity Meter 3. Digital Conductivity Meter 4. Dissolved Oxygen Meter 5.	3Hr/ Week	Mr. Ch. Jeswanth	Lab Assistant	B.Tech
6	SURVEYING LAB	4	1. Metric Chains 20 mts 2. Metric Chains 30 mts 3. Metric tapes 15 mts 4. Metric tapes 30 mts 5.	3Hr/ Week	Mr. Ch. Jeswanth	Lab Assistant	B.Tech
7	CONCRETE TECHNOLOGY LAB	4	1.Essae teraoka 150kg weighing machine 2. Essae teraoka 6kg weighing machine 3. compaction factor	3Hr/ Week	Mr. Ch. Jeswanth	Lab Assistant	B.Tech
8	GEOLOGY LAB	1	1.Minerals Specimens 2. Rocks Specimens 3. Structural Geology Models 4. Hardness collection set	3Hr/ Week	Mr. N. Usman	Technical Assistant	B.Tech
9	GIS&CAD LAB / SOFTWARE LAB	1	1. HP Desktop Systems	3Hr/ Week	Mr. Syed. Khasim	Lab Assistant	B.Tech

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Transportation Engineering Laboratory	• First-aid kit is provided in the laboratory. • Protective gloves are provided for handling bitumen and other materials. • Students are instructed to handle bituminous materials carefully during laboratory testing. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students.
2	Surveying Laboratory	• First-aid kit is provided in the laboratory. • Dehydration packets are provided for students during field surveying activities. • Surveying instruments are periodically maintained and checked for instrumental errors. • Instruments are inspected for damaged or sharp edges to prevent injury during handling. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students.
3	Geotechnical Engineering Laboratory	• First-aid kit is provided in the laboratory. • Protective gloves are provided for handling soil and other laboratory materials. • Laboratory equipment is periodically inspected to identify defects and facilitate necessary repairs. • Electrical switches and connections of equipment are regularly checked to minimize the risk of electrical shock. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students.
4	GIS & CAD Laboratory	• Computers are operated under controlled temperature conditions in an air-conditioned environment. • Fire extinguisher is installed in the laboratory for use during emergencies. Earthing is provided to protect the users and equipment from electrical hazards. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students.
5	Fluid Mechanics and Hydraulic Machinery Laboratory	• First-aid kit is provided in the laboratory. • Fire extinguisher is installed in the laboratory for emergency situations. Earthing is provided to protect the users and equipment from electrical hazards. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students. • Equipment is periodically inspected and maintained to identify damage and facilitate necessary repairs.
6	Concrete Technology Laboratory	• First-aid kit is provided in the laboratory. • Protective gloves are provided while mixing concrete and applying grease during experiments. • Cleaning liquids are provided for washing hands after handling concrete materials. • Sharp edges of equipment are inspected and smoothened where necessary to prevent cuts and injuries. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students.
7	Environmental Engineering Laboratory	• First-aid kit is provided in the laboratory. • Fire extinguisher is installed in the laboratory for emergency situations. • Cleaning liquids are provided for washing hands after laboratory activities. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students.
8	Engineering Geology Laboratory	• First-aid kit is provided in the laboratory. • Individual wooden plates are provided for rock specimens to prevent specimens from sliding during handling and identification exercises. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students.
9	Strength of Materials Laboratory	• First-aid kit is provided in the laboratory. • Protective gloves are provided while mixing concrete and applying grease during experiments. • Cleaning liquids are provided for washing hands after handling concrete materials. • Sharp edges of equipment are inspected and smoothened where necessary to prevent cuts and injuries. DOs and DON'Ts are displayed on the laboratory notice board for the safety and guidance of students.

D3. Project Laboratory/Research Laboratory

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PART E: First Year faculty and financial Resources

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

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) +(NS2*0.2))/RF
2023-24(CAYm2)	720	36	31	22	81
2024-25(CAYm1)	840	42	39	22	85
2025-26(CAY)	840	42	40	23	87

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

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

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Infrastructure Built-Up	9000000	8480068	950000	946973	2500000	2449823	6500000	6195527
Library	300000	271195	1000000	954304	800000	785638	250000	236611
Laboratory equipment	25000000	24540682	4500000	4160098	15000000	14439749	10000000	9370933
Teaching and non-teaching staff salary	123500000	123493790	107000000	106585870	80000000	74886650	82000000	79538032
Outreach Programs	71000	71907	36000	30435	71000	72362	36000	37812
R&D	250000	234288	250000	211223	200000	177150	100000	50000
Training, Placement and Industry linkage	7500000	7012923	2200000	2120638	4500000	4281081	2000000	1581287
SDGs	1000000	772448	250000	226559	200000	199932	150000	136559
Entrepreneurship	500000	459691	15000	14190	50000	0	50000	0
Others, specify	70000000	65579928	85000000	78942364	75000000	73682743	65000000	59187481
Total	237121000	230916920	201201000	194192654	178321000	170975128	166086000	156334242

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

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

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	110000	109799	130000	128810	27000	27000	135000	131730
Software	0	0	0	0	0	0	0	0
SDGs	30000	28979	75000	72137	10000	7071	110000	104000
Support for faculty development	18000	17900	55000	53900	3000	0	170000	161493
R & D	5000	0	5000	0	3000	1500	10000	0
Industrial Training, Industry expert, Internship	28000	26894	15000	14904	10000	10000	15000	10000
Miscellaneous Expenses*	5209000	4634035	4503000	4078968	4392000	3078368	5680000	5210445
Total	5400000	4817607	4783000	4348719	4445000	3123939	6120000	5617668