

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 : 11387	Date of Submission : 18-12-2025

PART A- Profile of the Institute

A1.Name of the Institute : Nehru Institute of Technology	
Year of Establishment : 2008	Location of the Institute: KaliyapuramCoimbatore
A2. Institute Address :"Jawahar Gardens", Kaliapuram, Thirumalayampalayam Post, Coimbatore	
City:Coimbatore	State:Tamil Nadu
Pin Code:641105	Website:
Email:nit@nehrucolleges.com	Phone No(with STD Code):-
A3. Name and Address of the Affiliating University (if any) :	
Name of the University : Anna University Chennai	City: Coimbatore
State : Tamil Nadu	Pin Code: 600025
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	Aeronautical Engineering	2008	--	Aeronautical Engineering
2	Engineering & Technology	UG	Agricultural Engineering	2019	--	Agricultural Engineering
3	Engineering & Technology	UG	Civil Engineering	2008	--	Civil Engineering
4	Engineering & Technology	UG	Computer & Communication Engineering	2025	--	Computer and Communication Engineering
5	Engineering & Technology	UG	Computer Science and Engineering	2008	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2024	--	Computer Science and Engineering
7	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering
8	Engineering & Technology	UG	Food Technology	2019	--	Food Technology

9	Engineering & Technology	UG	Information Technology	2022	--	Information Technology
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
Food Technology	No	Food Technology	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 APPROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Civil Engineering	UG	2008 / --	60	Yes	2014	30	2014	AICTE	Applying first time	--	--	0	4

Sanctioned Intake for Last Five Years for the Civil 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.M.Sivaraja
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	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	21	19	12	38	13	4
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	15	5	16	7	23	4
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.	30	36	24	28	45	36	8

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	30	0	100.00
2024-25 (CAYm1)	30	21	0	70.00
2023-24 (CAYm2)	30	19	0	63.33

Average $[(ER1 + ER2 + ER3) / 3] = 77.78 \approx 14.00$

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).	67.00	83.00	64.00
B=No. of students who graduated from the program in the stipulated course duration	8.00	6.00	7.00
Success Rate (SR)= (B/A) * 100	11.94	7.23	10.94

Average SR of three batches $((SR_1 + SR_2 + SR_3)/3)$: 10.04

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

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
Mean of CGPA or mean percentage of all successful students(X)	7.58	7.56	6.12
Y=Total no. of successful students	12.00	15.00	7.00

Z=Total no. of students appeared in the examination	21.00	19.00	12.00
API [X*(Y/Z)]	4.33	5.97	3.57

Average API[(AP1+AP2+AP3)/3] : 4.62

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X=(Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2rd year/10)	8.09	5.12	7.00
Y=Total no. of successful students	16.00	11.00	8.00
Z=Total no. of students appeared in the examination	20.00	23.00	13.00
API [X * (Y/Z)]	6.47	2.45	4.31

Average API [(AP1 + AP2 + AP3)/3] : 4.41

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)	8.27	6.00	6.15
Y=Total no. of successful students	9.00	8.00	7.00
Z=Total no. of students appeared in the examination	11.00	8.00	7.00
API [X*(Y/Z)]:	6.77	8.50	8.15

Average API [(AP1 + AP2 + AP3)/3] : 7.81

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	67.00	83.00	64.00
X=No. of students placed	14.00	19.00	6.00
Y=No. of students admitted to higher studies	0.00	0.00	0.00
Z= No. of students taking up entrepreneurship	2.00	3.00	2.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	23.88	26.51	12.50

Average Placement Index = (P_1 + P_2 + P_3)/3: 20.96 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	Siddharthan P	XXXXXXXX99R	M.E.	ANNA UNIVERSITY	STRUCTURAL ENGINEERING	07/03/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
2	S Brindha	XXXXXXXX21R	M.E.	ANNA UNIVERSITY	STRUCTURAL ENGINEERING	20/09/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Dr.M.Vadivel	XXXXXXXX99C	Ph.D	KARUNYA UNIVERSITY	STRUCTURAL ENGINEERING	03/07/2013	12.5	Assistant Professor	Associate Professor	13/02/2024	Regular	Yes		No
4	Dr.M.Samuel Thanaraj	XXXXXXXX84L	Ph.D	KARUNYA UNIVERSITY	Geotechnical Engineering	15/06/2011	14.6	Assistant Professor	Associate Professor	22/07/2025	Regular	Yes		No
5	Sowmiya.J.K	XXXXXXXX34Q	M.E.	ANNA UNIVERSITY	Geotechnical Engineering	16/03/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
6	SUKUMAR S	XXXXXXXX97E	M.Tech	BHARATHIDASAN UNIVERSITY	GEOINFORMATICS	26/08/2010	15.3	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Madhan P	XXXXXXXX18E	M.E.	ANNA UNIVERSITY	STRUCTURAL ENGINEERING	16/07/2015	8.11	Assistant Professor	Assistant Professor		Regular	No	22/06/2024	No
8	Dr K SHUNMUGAPRIYA	XXXXXXXX56A	Ph.D	VISHVESWARAYA TECHNOLOGICAL UNIVERSITY	CIVIL ENGINEERING	02/08/2021	2.9	Professor	Professor		Regular	No	31/05/2024	No
9	Dr UDHAYASAKTHI R	XXXXXXXX61D	Ph.D	ANNA UNIVERSITY	CIVIL ENGINEERING	02/08/2021	2.9	Professor	Professor		Regular	No	31/05/2024	No
10	Dr PRAKASH ARUL JOSE	XXXXXXXX40J	Ph.D	BHARATHIYAR UNIVERSITY	CIVIL ENGINEERING	02/08/2021	2.9	Professor	Professor		Regular	No	31/05/2024	No
11	Dr.M.Sivaraja	XXXXXXXX85E	Ph.D	ANNA UNIVERSITY	CIVIL ENGINEERING	29/12/2020	4.11	Professor	Professor		Regular	Yes		Yes

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(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
DS=Total no. of students in all UG and PG programs in the Department	99	132	165
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= 99	S2= 132	S3= 165
DF=Total no. of faculty members in the Department	7	7	11
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= 7	F2= 7	F3= 11
FF=The faculty members in F who have a 100% teaching load in the first-year courses	1	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 16.50	SFR2= 18.86	SFR3= 15.00
Average SFR for 3 years	SFR= 16.79		

C3. Faculty Qualification

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

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF]
2025-26(CAY)	3	4	4.00	28.75
2024-25(CAYm1)	3	4	6.00	19.17
2023-24(CAYm2)	5	6	8.00	23.12

C4. Faculty Cadre Proportion

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

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	1.00	1.00	1.00	2.00	3.00	4.00
2024-25	1.00	1.00	1.00	1.00	4.00	5.00
2023-24	1.00	4.00	1.00	0.00	5.00	7.00
Average	RF1=1.00	AF1=2.00	RF2=1.00	AF2=1.00	RF2=4.00	AF2=5.33

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 P SRINIVASAN	PROJECT MANAGER	SREEVATSA REAL ESTATES PVT LTD	CONCRETE TECHNOLOGY	25.00
2	ER J JENEIN RAJASINGH	PROPRIETER	INSCULP CONSULTANTS	DESIGN OF REINFORCED CONCRETE ELEMENTS	25.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	PROF RAMESH KUMAR	PROPRIETER	RAMASAMY ASSOCIATES	FOUNDATION ENGINEERING	25.00
2	DR ISAAC SOLOMON JEBAMANI	RETIRED PRINCIPAL, GOVERNMENT COLLEGE OF ENGINEERING, THIRUNELVELI	GOVERNMENT COLLEGE OF ENGINEERING, THIRUNELVELI	ENVIRONMENTAL HEALTH AND SAFETY	25.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	PROF SATHISH RAJA	PROPRIETER	AKSHAYA PROPERTIES	SOIL MECHANICS	25.00

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	31	9	4
2	No. of peer reviewed conference papers published	11	5	3
3	No. of books/book chapters published	9	10	2

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 M VADIVEL	THENAMUDHAN,ALWIN BIJU	CIVIL ENGINEERING	TRANSPARENT WOOD	NEWGEN IEDC-DST	1 YEAR	2.50
						Amount received (Rs.):2.50

(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 M VADIVEL	GOKULA PRAVEEN,VEERAVIGNESH	CIVIL ENGINEERING	CLEAN AND GREEN TECHNOLOGY INTEGRATION IN CIVIL CONSTRUCTION	NIRAL THIRUVIZHA- GOVERNMENT	1 YEAR	0.01
						Amount received (Rs.):0.01

(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
P SIDDHARTHAN	PEDDAIAH GARU SHARANSAI	CIVIL ENGINEERING	INSTANT POT HOLE REPAIR	NEWGEN IEDC-DST	1 YEAR	2.50
P MADHAN	SHAMNAS	CIVIL ENGINEERING	GLAZING DECORS	NEWGEN IEDC-DST	1 YEAR	2.50
						Amount received (Rs.):5.00

Total Amount (Lacs) Received for the Past 3 Years: 7.51**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 VADIVEL	DR M SAMUEL THANARAJ	CIVIL ENGINEERING	CONCRETE CORE TEST AND REBOUND HAMMER TEST FOR ROOF SLAB IN SCHOOL BUILDING	PRIVATE	7,14,28 DAYS	1.00
DR M VADIVEL	DR M SAMUEL THANARAJ	CIVIL ENGINEERING	CONCRETE CORE TEST AND REBOUND HAMMER TEST FOR ROOF SLAB IN PHYSIOTHERAPY BUILDING-THIRUMALAYAMPALAYAM	PRIVATE	7,14,28 DAYS	1.00
DR M VADIVEL	DR M SAMUEL THANARAJ	CIVIL ENGINEERING	BITUMEN STEEL CONCRETE CUBE PVC PIPE HOLLOW BLOCKS THIRD PARTY INSPECTION	GOVERNMENT	7,14,28 DAYS	1.00
						Amount received (Rs.):3.00

(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 M VADIVEL	P MADHAN	CIVIL ENGINEERING	STABILITY OF SCHOOL BUILDING,KOVAIPUDUR	PRIVATE	30 DAYS	0.50
DR M VADIVEL	P SIDDHARTHAN	CIVIL ENGINEERING	MATERIAL TESTING	PRIVATE	28 DAYS	0.50
						Amount received (Rs.):1.00

(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 M VADIVEL	P MADHAN	CIVIL ENGINEERING	STABILITY OF NIS BUILDING,KALIAPURAM	PRIVATE	28 DAYS	1.00
DR M VADIVEL	P MADHAN	CIVIL ENGINEERING	CONSULTATION OF STEEL ROOF TRUSS AT KUNIYAMUTHUR	PRIVATE	6 MONTHS	1.00
DR M VADIVEL	DR M SAMUEL THANARAJ	CIVIL ENGINEERING	SOIL INVESTIGATION FOR NEW BUILDING THIRUMALAYAMPALAYM	GOVERNMENT	15 DAYS	0.50
						Amount received (Rs.):2.50

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

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)

(CAYm2)

(CAYm3)

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

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 laboratory	30	Theodolite	3 hours	Sathishkumar	Lab Assistant	Diploma in Civil Engineer
2	Soil Mechanics laboratore	30	Direct shear apparatus	3 hours	Rahul	Lab Assistant	Diploma
3	Strength of materials Laboratory	30	Universal Testing machine	3 hours	Subramanian	lab Superintendent	Diploma
4	Concrete and Highway laboratory	30	Abrasion testing apparatus	3 hours	Sathishkumar	Lab Assistant	Diploma in Civil Engineer
5	Hydraulic engineering laboratory	30	Francis Turbine	2 hours	Shanmugam	Lab Assistant	Diploma
6	CADD in Civil Engineering	30	Building Darwing	3 hours	Sabarigirisan	lab Assistant	Diploma

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Applied Hydraulics laboratory	1.First aid box 2. Fire extinguisher 3. Safety instruction Board (Do's & Don'ts) 4.Electrical panels, switches, and wiring connected to pumps and motors are properly insulated, earthed, and protected against water splashes. 5.Equipment is operated only under the supervision of faculty members and trained laboratory technicians.
2	Soil Mechanics laboratory	1.Safety instructions, standard operating procedures, and emergency guidelines are clearly displayed in the Soil Mechanics Laboratory. 2.Personal protective equipment (PPE) such as lab coats, hand gloves, safety shoes, and masks are recommended while handling soil samples, chemicals, and heavy apparatus. 3.Electrical connections of equipment such as ovens, mixers, and motorized testing machines are properly insulated, earthed, and periodically inspected. 4.First-aid kits and fire extinguishers are made available, and emergency contact details are displayed in the laboratory. 5.Adequate ventilation is provided to prevent inhalation of dust and fumes during soil preparation and testing.

3	Surveying Laboatory	1.Students are given proper orientation on the safe handling and operation of surveying instruments such as total stations, theodolites, auto levels, GPS equipment, and accessories. 2.Tripods are placed on stable ground, and care is taken to avoid obstruction in walkways during indoor and outdoor surveying exercises. 3.During field surveying, students are advised to wear safety shoes, caps, and reflective jackets, especially when working near roads or construction sites. 4.Surveying activities are carried out under the supervision of faculty members and trained laboratory technicians. 5.During field surveying, students are advised to wear safety shoes, caps, and reflective jackets, especially when working near roads or construction sites
4	Strength of materials laboratory	1.Students will enter the laboratory only under the supervision of a lab instructor. 2.Safety shoes, lab coat is compulsorily monitored 3.Loose clothing, dangling jewellery, and long hair are secured properly. 4.Periodical Checking of the Inspect machines (UTM, torsion testing machine, impact testing machine, etc.) 5.Applying & releasing of Load is done gradually and uniformly
5	Concrete and Highway Engineering Laboratory	1.Students are provided with safety orientation before conducting experiments involving cement, aggregates, admixtures, and concrete mixing. 2.Mixing machines, vibrators, and compression testing machines are operated only under the supervision of faculty members and trained laboratory technicians. 3.Moving parts of mixers, vibrating tables, and testing machines are properly guarded to prevent accidents. 4.Heavy moulds and concrete specimens are lifted using proper lifting techniques to prevent strain and injuryHeavy molds and concrete specimens are lifted using proper lifting techniques to prevent strain and injury 5.Equipment is cleaned immediately after use, and waste materials are disposed of safely.

D3. Project Laboratory/Research Laboratory

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)	360	18	14	6	69
2024-25(CAYm1)	480	24	16	5	58
2025-26(CAY)	540	27	17	6	55

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	3000000	0	0	0	3600000	3571752	0	0
Library	1000000	805722	750000	804768	650000	657253	380000	305000

Laboratory equipment	4842000	3512890	4745000	17000	900000	866343	5700000	5777293
Teaching and non-teaching staff salary	81500000	81338253	65000000	63338253	50000000	50898483	35500000	35200000
Outreach Programs	10000	8950	10000	10525	0	0	0	0
R&D	700000	523654	600000	644754	0	0	0	0
Training, Placement and Industry linkage	1100000	1085450	1150000	11480500	1100000	1173138	3800000	3600000
SDGs	50000	39425	60000	65675	0	0	0	0
Entrepreneurship	225000	215850	200000	225890	0	0	0	0
Others, specify	0	0	0	0	0	0	0	0
Total	92427000	87530194	72515000	76587365	56250000	57166969	45380000	44882293

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	50000	57420	175000	113540	830000	368169	1830000	1714445
Software	200000	0	100000	0	0	0	0	0
SDGs	20000	0	20000	10000	0	0	0	0
Support for faculty development	50000	0	50000	50000	125500	94070	88500	59460
R & D	100000	0	25000	25000	0	0	0	0
Industrial Training, Industry expert, Internship	155000	0	50000	49060	40000	28732	20000	10400
Miscellaneous Expenses*	100000	0	100000	100000	180000	108272	200000	145308
Total	675000	57420	520000	347600	1175500	599243	2138500	1929613