NATIONAL BOARD OF ACCREDITATION

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

Program Name : Civil Engineering	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 1
Application No: 11672	**Date of Submission**: 23-03-2026

PART A- Profile of the Institute

A1.Name of the Institute: HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	
Year of Establishment : 1999-2000	Location of the Institute: SemiUrban
A2. Institute Address:HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY,OTHAKALMANDAPAM POST,COIMBATORE 641 032	
City:Coimbotore	State:Tamil Nadu
Pin Code:641032	Website:www.hicet.ac.in
Email:HINDUSTHAN107@GMAIL.COM	Phone No(with STD Code):0422-4242424
A3. Name and Address of the Affiliating University (if any):	
Name of the University : ANNA UNIERSITY CHENNAI	City: Chennai
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: **17**
- No. of PG programs: **7**

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	Computer Application	PG	Master of Computer Application	2005	--	Computer Application
2	Engineering & Technology	UG	Aeronautical Engineering	2005	--	Aeronautical Engineering
3	Engineering & Technology	UG	Agricultural Engineering	2018	--	Agricultural Engineering
4	Engineering & Technology	PG	Applied Electronics	2009	2024	Electronics and Communication Engineering
5	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2020	--	Artificial Intelligence and Machine Learning
6	Engineering & Technology	UG	Automobile Engineering	2014	--	Automobile Engineering
7	Engineering & Technology	UG	Biomedical Engineering	2018	--	Biomedical Engineering
8	Engineering & Technology	PG	CAD/CAM	2006	--	Mechanical Engineering
9	Engineering & Technology	UG	Chemical Engineering	2019	--	Chemical Engineering
10	Engineering & Technology	UG	Civil Engineering	2009	--	Civil Engineering

11	Engineering & Technology	PG	Communication Systems	2006	--	Electronics and Communication Engineering
12	Engineering & Technology	UG	Computer Science and Business System	2025	--	Computer Science and Business System
13	Engineering & Technology	PG	Computer Science and Engineering	2011	--	Computer Science and Engineering
14	Engineering & Technology	UG	Computer Science and Engineering	2000	--	Computer Science and Engineering
15	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Engineering (Cyber Security)
16	Engineering & Technology	UG	Electrical and Electronics Engineering	2002	--	Electrical and Electronics Engineering
17	Engineering & Technology	UG	Electronics & Communication Engineering	2000	--	Electronics and Communication Engineering
18	Engineering & Technology	UG	Electronics & Instrumentation Engineering	2011	--	Electronics and Instrumentation Engineering
19	Engineering & Technology	PG	Embedded Systems	2021	--	Electrical and Electronics Engineering
20	Engineering & Technology	UG	Food Technology	2018	--	Food Technology
21	Engineering & Technology	UG	Information Technology	2002	--	Information Technology
22	Engineering & Technology	UG	Mechanical Engineering	2000	--	Mechanical Engineering
23	Engineering & Technology	UG	Mechatronics Engineering	2011	--	Mechatronics Engineering
24	Management	PG	Master of Business Administration	2005	--	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
Aeronautical Engineering	No	Aeronautical Engineering	UG
Civil Engineering	No	Civil Engineering	UG
Automobile Engineering	Yes	Automobile Engineering	UG
Mechatronics Engineering	Yes	Mechatronics 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	2009 / --	60	Yes	2020	60	2020	F.No.Southern/1-44641759947/2025/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	4

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.Akil K
B. Nature of appointment:	Regular
C. Qualification:	M.E. and 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)	60	60	60	60	60	60	120
N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	60	60	59	58	60	51	52
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	5	7	9	6	15	17
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	3	3	0	0	3	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	63	68	66	67	69	66	69

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)	60	60	3	105.00
2024-25 (CAYm1)	60	60	3	105.00

2023-24 (CAYm2)	60	59	0	98.33

Average [(ER1 + ER2 + ER3) / 3] = 102.78≡ 100

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

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

Item	(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	75.00	137.00
B=No. of students who graduated from the program in the stipulated course duration	66.00	64.00	69.00
Success Rate (SR)= (B/A) * 100	100.00	85.33	50.36

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 78.56

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)	7.62	7.81	7.49
Y=Total no. of successful students	62.00	56.00	58.00
Z=Total no. of students appeared in the examination	63.00	59.00	58.00
API [X*(Y/Z)]	7.50	7.41	7.49

Average API[(AP1+AP2+AP3)/3] : 7.47

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)	7.51	7.49	7.42
Y=Total no. of successful students	62.00	66.00	68.00
Z=Total no. of students appeared in the examination	63.00	67.00	69.00
API [X * (Y/Z)]	7.39	7.38	7.31

Average API [(AP1 + AP2 + AP3)/3] : 7.36

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)	7.52	7.65	7.83
Y=Total no. of successful students	63.00	66.00	64.00
Z=Total no. of students appeared in the examination	66.00	68.00	65.00
API [X*(Y/Z)]:	7.18	7.42	7.71

Average API [(AP1 + AP2 + AP3)/3] : 7.44

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	75.00	137.00
X=No. of students placed	56.00	46.00	57.00
Y=No. of students admitted to higher studies	1.00	13.00	3.00
Z= No. of students taking up entrepreneurship	2.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	89.39	78.67	43.80

Average Placement Index = (P_1 + P_2 + P_3)/3: 70.62 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	Dr.Akil K	XXXXXXX04K	M.E. and Ph.D.	Anna University	Environmental Engineering	21/06/2004	21.8	Lecturer	Professor	02/06/2014	Regular	Yes		Yes
2	Dr. Deepa Shri S	XXXXXXX75P	M.E. and Ph.D.	Anna University	Structural Engineering	04/06/2018	7.8	Professor	Professor	04/06/2018	Regular	Yes		No
3	Dr. Chandrasekaran P	XXXXXXX39K	M.E. and Ph.D.	Anna University	Structural Engineering	27/06/2023	2.8	Professor	Professor	27/06/2023	Regular	Yes		No
4	Mr. Senthil Kumar R	XXXXXXX84M	M.E.	Anna University	Geotechnical Engineering	13/06/2011	14.8	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Ms. Saraswathi K	XXXXXXX05R	M.E.	Anna University	Environmental Engineering	13/06/2011	14.8	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Mr. Alex Livingston Raja A	XXXXXXX15D	M.E.	Karpagam University	Water Resources and Environmental Engineeirng	13/06/2011	14.8	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Mr. Suresh V	XXXXXXX04C	M.E.	Anna University	Geotechnical Engineering	23/06/2014	11.8	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Mr. Dinesh Kumar M	XXXXXXX32E	M.E.	Anna University	Structural Engineering	23/06/2015	10.8	Assistant Professor	Assistant Professor		Regular	Yes		No

9	Mr. Logan Durai M	XXXXXXX02A	M.E.	Anna University	Construction Management	01/07/2013	12.8	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mr. Siddharth K	XXXXXXX25K	M.E.	Anna University	Structural Engineering	04/06/2018	7.8	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Dr. Parthasaarathi R	XXXXXXX57K	M.E. and Ph.D.	Karpagam University	Structural Engineering	04/06/2018	7.9	Assistant Professor	Assistant Professor		Regular	Yes		No
12	Mr. Poomalai R	XXXXXXX19K	M.Tech	Anna University	Remote Sensing	01/08/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Dr. Karunanidhi D	XXXXXXX02F	Ph.D	Anna University	Applied Geology	08/02/2023	2.3	Professor	Professor	08/02/2023	Regular	No	31/05/2025	No
14	Ms. Priyadharshini R	XXXXXXX04F	M.E.	Anna University	Structural Engineering	27/06/2017	7.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2025	No
15	Mr. Sakthivel R	XXXXXXX88M	M.E.	Anna University	Structural Engineering	12/06/2019	5.11	Assistant Professor	Assistant Professor		Regular	No	31/05/2025	No
16	Dr. Karthik D	XXXXXXX57B	M.E. and Ph.D.	Anna University	Structural Engineering	01/08/2022	1.9	Associate Professor	Associate Professor	01/08/2022	Regular	No	31/05/2024	No

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

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):
UG1=1st UG program
UGn=nth UG program
B= No. of Students in UG 2nd year (ST)
C= No. of Students in UG 3rd year (ST)
D= No. of Students in UG 4th year (ST)
No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):
PG1=1st PG program.
PGm=mth PG program
A= No. of Students in PG 1st year
B= No. of Students in PG 2nd year
Student Faculty Ratio **(SFR)** = S/F
S= No. of students of all programs in the Department including all students of allied departments/clusters.
No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.
F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department1 No. of PG Programs in the Department0

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

Description	**CAY(2025-26)**	**CAYm1 (2024-25)**	**CAYm2 (2023-24)**
UG1.B	65	66	66
UG1.C	66	66	66
UG1.D	66	66	66
UG1: Civil Engineering	**197**	**198**	**198**

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
DS=Total no. of students in all UG and PG programs in the Department	197	198	198
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=** 197	**S2=** 198	**S3=** 198
DF=Total no. of faculty members in the Department	12	15	16
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=** 12	**F2=** 15	**F3=** 16
FF=The faculty members in F who have a 100% teaching load in the first-year courses	1	1	1
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 17.91**	**SFR2= 14.14**	**SFR3= 13.20**
Average SFR for 3 years	**SFR= 15.08**		

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	9	9.00	18.33
2024-25(CAYm1)	4	11	9.00	23.33
2023-24(CAYm2)	5	11	9.00	26.11

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	3.00	2.00	0.00	7.00	9.00
2024-25	1.00	4.00	2.00	0.00	7.00	11.00
2023-24	1.00	4.00	2.00	1.00	7.00	11.00
Average	RF1=1.00	AF1=3.67	RF2=2.00	AF2=0.33	RF2=7.00	AF2=10.33

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	Er. R.K. Anush Karthik	Proprietor	A.G. Construction, Pollachi	Construction Project Management, Highway and Railway Engineering	50.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Er. B. Naveen	Senior Structural Engineer	Eversendai Construction Pvt. Ltd., Chennai	Design of RC Elements, Design of Steel Structural Elements	51.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Er. N. Balakumar	Structural Engineer	V.K.P. GeoTech, Coimbatore	Highway and Railway Engineering, Soil Mechanics	50.00

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	28	14	22
2	No. of peer reviewed conference papers published	24	25	12
3	No. of books/book chapters published	1	8	0

C7. Sponsored Research Project

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. Akil K	-	Civil Engineering	Rural & Urban Development Development of Light Weight and Cost-Effective Rural Housing Unit using Expanded Polystyrene Panels	TNSDC Niral Thiruvizha	3 Months	0.10
Dr. Jaya J	-	Civil Engineering	-	Department of Science and Technology	5 Years	40.00
						Amount received (Rs.):40.10

(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
Mr. Siddharth K	-	Civil Engineering	Utilization of Waste Plastic Waste Fibres for Reinforcement in Concrete	TNSDC Niral Thiruvizha	6 Months	0.10
						Amount received (Rs.):0.10

(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
Mr. Alex Livingston Raja A	-	Civil Engineering	Mission AmritSarovar – Jal Dharohar Sanrakshan Internship	AICTE	20 Days	2.00
Dr. Karunanidhi D	-	Civil Engineering	An integrated approach to perchlorate contamination in groundwater and its toxicological impact on human health: suggesting in-situ remediation in Arjunanadi River basin, Tamil Nadu	SERB	3 Years	28.29
						Amount received (Rs.):30.29

Total Amount (Lacs) Received for the Past 3 Years: 70.49

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
Mr. Parthasaarathi R	-	Civil Engineering	Testing of Concrete Specimens	M. Harini Constructions, Erode.	13.02.2025 to 17.02.2025	0.01
Mr. Parthasaarathi R	-	Civil Engineering	Testing of Concrete Cubes with Fosroc Pathroc Material	M. Harini Constructions, Erode.	17.02.2025 to 22.02.2025	0.02
Mr. Suresh V	-	Civil Engineering	Soil Testing	Mr. A. M. Tirukkumaran, Theni	12.02.2025 to 14.02.2025	1.28
Mr. Dinesh Kumar M	-	Civil Engineering	Testing of Brick Specimens	Unique Industry, Coimbatore	19.03.2025 to 21.03.2025	0.01
Mr. Suresh V	-	Civil Engineering	DPR for Sellakkarichal Ponds	United Way, Bangalore	07.10.2024 to 18.12.2024	2.95
Mr. Poomalai R	Mr. Alex Livingston Raja	Civil Engineering	Building Level Land Surface Temperature Mapping and Urban Heat Vulnerability Assessment of Tiruchirappalli Using High Resolution Geospatial Technologies.	ASSRG, Trichy	03.04.2024 to 24.01.2025	7.50
						Amount received (Rs.):11.77

(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
Mr. Alex Livingston Raja	Mr. Poomalai R	Civil Engineering	Mapping Urban Heat: Harnessing Geospatial Technologies for Land Surface Temperature Analysis in Tamil Nadu.	ASSRG, Trichy	28.07.2023 to 25.03.2024	3.00
Mr. Senthilkumar R	-	Civil Engineering	Soil Testing	Sams Associates, Coimbatore.	20.08.2023 to 29.08.2023	0.06
Mr. Poomalai R	-	Civil Engineering	Preparation of Topography Map	V.S. Architect and Engineer, Coimbatore.	09.08.2023 to 04.09.2023	0.38
Mr. Senthilkumar R	-	Civil Engineering	Soil Testing	G Plus Constructions, Pollachi.	05.10.2023 to 17.10.2023	0.03
Mr. Dinesh Kumar M	-	Civil Engineering	Testing of Natural Sand	Saravanaraja Constructions, Coimbatore	15.09.2023 to 20.10.2023	0.08
Mr. R. Parthasaarathi	Mr. R. Sakthivel	Civil Engineering	Planning, Analysis and Design of Shopping Mall at Avinashi	G Plus Constructions, Pollachi.	14.11.2023 to 20.12.2023	2.77
Mr. Dinesh Kumar M	-	Civil Engineering	Testing of Concrete Specimens	Retro Builders, Dindigul	04.01.2024 to 12.01.2024	0.25
Mr. Senthil Kumar R	Mr. Alex Livingston Raja	Civil Engineering	Field Testing	Sams Associates, Coimbatore.	03.02.2024 to 19.02.2024	0.06
Mr. Sakthivel R	Mr. Siddharth K	Civil Engineering	Structural Design and Detailing of Warehouse	Asokan Constructions, Udangudi.	05.01.2024 to 29.02.2024	1.71
Mr. Parthasaarathi R	-	Civil Engineering	Structural Analysis and Reinforcement Drawing of the Proposed Hospital Building (G+2)	Renaissance Structures and Consultants, Coimbatore.	29.01.2024 to 01.03.2024	0.50
Dr. Karunanidhi D	-	Civil Engineering	GIS Mapping	Mr. Balasubraniyam, Kangeyam	05.02.2024 to 04.03.2024	1.04
Mr. Suresh V	-	Civil Engineering	Soil Testing for project site at Nehru College of Science and Technology	Sam Construction and Consultancy, Thuraiyur.	13.02.2024 to 07.03.2024	1.06
Mr. Alex Livingston Raja A	-	Civil Engineering	Water Quality Assessment	Quazer Construction, Coimbatore.	06.03.2024 to 18.03.2024	0.35
						Amount received (Rs.):11.29

(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
Mr. Senthil Kumar R	Ms. Saraswathi K	Civil Engineering	Project Planning and Budget Preparation for Renovation of Tea Factory	Flash Engineering Works, Pollachi	10.07.2022 to 29.08.2022	0.67
Dr. Akil K	Mr. Alex Livingston Raja A	Civil Engineering	Project on “Composting of Food Waste”	DNxt Ideas India Private Limited, Coimbatore	12.03.2022 to 14.08.2022	0.71
Mr. Senthil Kumar R	Mr. Alex Livingston Raja A	Civil Engineering	Traffic Survey for the proposed Semmozhi Poonga, Coimbatore	/s. Roopmathi Anand Architects, Chennai.	12.09.2022 to 16.09.2022	0.18
						Amount received (Rs.):1.56

Total amount (Lacs) received for the past 3 years: 24.62

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
Mr. A. Alex Livingston Raja	Spatial Distribution Mapping of Air Quality Parameters in Coimbatore using GIS Techniques	1 Year	2.00	2.00	-
Mr. R. Parthasaarathi	Lightweight, Durable and Sustainable Construction Material	1 Year	0.55	0.55	Journal Paper Published
			Amount received (Rs.): 2.55		

(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
Mr. R. Sakthivel	Experimental investigation on granite waste and Alcofine in concrete	1 Year	2.00	1.90	Journal Paper Published
Mr. R. Parthasaarathi	Study on bamboo-reinforced cement concrete	1 Year	0.80	0.80	Journal Paper Published
			Amount received (Rs.): 2.80		

(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
Mr. R. Parthasaarathi	Fiber Reinforced Pre-Stressed Concrete Beam to Rebel Three Load Factor	6 Months	0.45	0.45	Conference Paper Presentation
Mr. R. Sakthivel	Reuse of Non-Biodegradable Solid Waste as a Partial Replacement of Fine Aggregate in Concrete Blocks	6 Months	0.50	0.50	Conference Paper Presentation
			Amount received (Rs.): 0.95		

Total amount (Lacs) received for the past 3 years : 6.30

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	Survey Laboratory	4	1.Total Station 2.Vernier Transit Theodolite 3.Global Positioning System 4.Digital Theodolite	4 Hours	Mr. Ramasamy N	Lab Technician	B.E.
2	Computer Aided Design and Drafting Laboratory	20	Acer - Veriton - Desktop – Acer Veriton M200- H 510 (i5-11th Gen/ 8GB Ram/ 1 TB – HDD / Win -11) + 19.5” Monitor	20 Hours	Mr. Nagaraj N	Lab Technician	I.T.I.
3	Strength of Materials Laboratory	15	1. Universal Testing Machine 2.Compression Testing Machine 3.Tensile Testing machine 4.Impact Testing Machine	3 Hours	Mr. Balamurali Krishnan M	Lab Technician	B.E.
4	Fluid Mechanics and Machinery Laboratory	27	1.Pelton Turbine 2.Francis Turbine 3.Kaplan Turbine 4.Mini Hydraulic Flume- Adjustable Channel (closed circuit) 5.Calibration of Notches Apparatus	4 Hours	Mr. Hirudayasami P	Lab Assistant	J.T.S
5	Soil Mechanics Laboratory	4	1.Relative Density Apparatus 2.Three Gang Consolidation Apparatus 3.Direct Shear Apparatus 4.CBR Testing Machine	4 Hours	Mr. Balamurali Krishnan M	Lab Technician	B.E.
6	Concrete and Highway Laboratory	8	1.Compressive Testing Machine 2.Digital Compressive Testing Machine 3.Abrasion Testing Machine 4.Flexural Testing Machine (100 kN) 5.Ductility Testing Machine	8 Hours	Mr. Lalithkumar N	Lab Technician	B.E.
7	Environmental Engineering Laboratory	4	1.Dissolved Oxygen Analyser 2.UV-Visible Spectrophotometer 3.Bench Top Ion Meter 4.Atomic Absorption Spectrophotometer 5.BOD Incubator 6.COD	6 Hours	Ms. Geethanjali M	Lab Assistant	B.B.A.

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Survey Laboratory	1. Do’s and Don’ts chart with safety instructions 2. Laboratory safety and instruction manual 3. Fire extinguisher 4. First aid kit 5. Roadside surveying shall be conducted with proper caution.
2	Computer Aided Building Drawing Laboratory	1. Do’s and Don’ts chart with safety instructions 2. Laboratory safety and instruction manual 3. Fire extinguisher 4. First aid kit

3	Strength of Materials Laboratory	1. Do's and Don'ts chart with safety instructions 2. Laboratory safety and instruction manual 3. Fire extinguisher 4. First aid kit 5. Earthing for heavy electrical equipment
4	Fluid Mechanics and Machinery laboratory	1. Do's and Don'ts chart with safety instructions 2. Laboratory safety and instruction manual 3. Fire extinguisher 4. First aid kit 5. Earthing for heavy electrical equipment
5	Soil Mechanics Laboratory	1. Do's and Don'ts chart with safety instructions 2. Laboratory safety and instruction manual 3. Fire extinguisher 4. First aid kit 5. Earthing for heavy electrical equipment
6	Concrete and Highway Laboratory	1. Do's and Don'ts chart with safety instructions 2. Laboratory safety and instruction manual 3. Fire extinguisher 4. First aid kit 5. Earthing for heavy electrical equipment
7	Environmental Engineering Laboratory	1. Do's and Don'ts chart with safety instructions 2. Laboratory safety and instruction manual 3. Fire extinguisher 4. First aid kit 5. Earthing for heavy electrical equipment
8	Computer Aided Design and Drawing Laboratory	1. Do's and Don'ts chart with safety instructions 2. Laboratory safety and instruction manual 3. Fire extinguisher 4. First aid kit

D3. Project Laboratory/Research Laboratory

The Project Laboratory provides students with a space to learn, innovate, and work on engineering projects. It helps students apply classroom knowledge to practical problems and improve their technical skills.

For Civil Engineering students, project-related experimental investigations, testing, model development, and research activities are carried out in the respective laboratories, including the Concrete and Highway Laboratory, Strength of Materials Laboratory, Soil Mechanics Laboratory, Environmental Engineering Laboratory, and Computer-Aided Design and Drafting Laboratory, based on the specific requirements of the project.

These laboratories support mini projects, design projects, final-year projects, research activities, and participation in hackathons by providing the necessary facilities, equipment, and software tools. They enable students to conceptualize, develop, analyze, and validate engineering solutions while gaining hands-on experience in the application of civil engineering principles. The practical exposure gained through these activities enhances students' technical competence and prepares them to meet industry expectations and adapt to emerging technologies.

Table No. 7.5.1: List of Project Laboratory / Research Laboratory / Centre of Excellence

S.No.	Name of the Laboratory
1	Knowledge Centre for Precast Concrete supported by VME Precast
2	Knowledge Centre for Concrete Technology supported by Ramco Cements
3	Geospatial Research Lab supported by Active Spatial Sciences Research Group

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)	1230	62	59	30	86
2024-25(CAYm1)	1290	64	69	39	98
2025-26(CAY)	1440	72	69	39	88

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	110000000	108804118	100000000	105905724.4	100000000	109939166	110000000	118964822.4
Library	9600000	9288840	9000000	8993601	11500000	11390000	11500000	11305115
Laboratory equipment	23300000	22000407.31	21800000	21365726	18300000	17932180	11500000	11274625
Teaching and non-teaching staff salary	260000000	262430222	260000000	253357508	260000000	252639286	240000000	243340452
Outreach Programs	230000	225516	220000	213488	1350000	1323044	1500000	1400000
R&D	30000000	28588782	16000000	15863897	12500000	12376980	15000000	15110073
Training, Placement and Industry linkage	22000000	22223953	20000000	21633489.58	7000000	6538615	1500000	1506200
SDGs	2600000	2567279	2500000	2483205.1	2000000	1996698.09	800000	774168
Entrepreneurship	800000	800124	650000	667149	475000	483792	110000	113112
Others, specify	72500000	72744688.57	53100000	55254346.35	48500000	50524739.46	49300000	51349951.1
Total	**531030000**	**529673929.88**	**483270000**	**485738134.43**	**461625000**	**465144500.55**	**441210000**	**455138518.5**

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	450000	424532	100000	61455	100000	81956	360000	384221
Software	100000	80600	100000	78500	80000	75000	75000	70800
SDGs	150000	101000	150000	103886	120000	112482	50000	50991
Support for faculty development	100000	90500	100000	96000	100000	89000	40000	35046
R & D	250000	212500	250000	298000	250000	277000	100000	95410
Industrial Training, Industry expert, Internship	100000	160600	350000	350706	225000	205397	50000	32130
Miscellaneous Expenses*	20000	18124	20000	19786	20000	21912	15000	15776
Total	**1170000**	**1087856**	**1070000**	**1008333**	**895000**	**862747**	**690000**	**684374**