

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 : 11720	Date of Submission : 23-03-2026

PART A- Profile of the Institute

A1.Name of the Institute: Pillai HOC College of Engineering and Technology	
Year of Establishment : 2009	Location of the Institute:
A2. Institute Address: Pillai HOC College of Engineering and Technology, Pillai HOCL Educational Campus, Rasayani, 410207, Tal. Khalapur, Dist. Raigad, Maharashtra	
City:Raigad	State:Maharashtra
Pin Code:410207	Website:www.phcet.ac.in
Email:principal.phcet@mes.ac.in	Phone No(with STD Code):02192-669000
A3. Name and Address of the Affiliating University (if any):	
Name of the University : University of Mumbai	City:
State :	Pin Code:
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status:	

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

- No. of UG programs: 7
- No. of PG programs: 5

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	Artificial Intelligence and Data Science	2025	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Civil Engineering	2010	--	Civil Engineering
3	Engineering & Technology	UG	Computer Engineering	2009	--	Computer Engineering
4	Engineering & Technology	PG	Computer Engineering	2012	--	Computer Engineering
5	Engineering & Technology	PG	Construction Engineering & Management	2014	--	Civil Engineering
6	Engineering & Technology	UG	Electrical and Computer Engineering	2023	--	Electrical and Computer Engineering
7	Engineering & Technology	UG	Electronics and Computer Science	2021	--	Electronics and Computer Science
8	Engineering & Technology	PG	Electronics and Telecommunication Engineering	2012	--	Electronics and Telecommunication Engineering
9	Engineering & Technology	UG	Information Technology	2009	--	Information Technology

10	Engineering & Technology	PG	Machine Design	2012	--	Mechanical Engineering
11	Engineering & Technology	UG	Mechanical Engineering	2009	--	Mechanical Engineering
12	Engineering & Technology	PG	Structural Engineering	2023	--	Civil 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
Civil Engineering	No	Civil Engineering	UG
Computer Engineering	Yes	Computer Engineering	UG
Information Technology	Yes	Information Technology	UG
Mechanical Engineering	No	Mechanical 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	2023	60	2023	F.No. Western/1-36267480084/2023/EOA	Granted accreditation for 3 years for the period (specify period)	2023	2026	1	4

Sanctioned Intake for Last Five Years for the Construction Engineering & Management	
Academic Year	Sanctioned Intake
2025-26	60
2024-25	60
2023-24	60
2022-23	120
2021-22	120
2020-21	120

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. Raju Pundlikrao Narwade
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)	60	60	60	120	120	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	47	28	14	12	17	23	30
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	40	26	21	66	71	86
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.	47	68	40	33	83	94	116

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	47	0	78.33
2024-25 (CAYm1)	60	28	0	46.67
2023-24 (CAYm2)	60	14	0	23.33

Average [(ER1 + ER2 + ER3) / 3] = 49.44≅ 5.00

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).	186.00	191.00	206.00
B=No. of students who graduated from the program in the stipulated course duration	45.00	50.00	102.00
Success Rate (SR)= (B/A) * 100	24.19	26.18	49.51

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 33.29

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)	4.39	5.61	6.69
Y=Total no. of successful students	57.00	36.00	28.00
Z=Total no. of students appeared in the examination	28.00	14.00	12.00
API [X*(Y/Z)]	8.94	14.43	15.61

Average API [(AP1+AP2+AP3)/3] : 12.99

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)	6.46	7.12	6.97
Y=Total no. of successful students	31.00	26.00	56.00
Z=Total no. of students appeared in the examination	62.00	49.00	149.00
API [X * (Y/Z)]	3.23	3.78	2.62

Average API [(AP1 + AP2 + AP3)/3] : 3.21

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)	7.18	6.69	6.18
Y=Total no. of successful students	26.00	45.00	69.00
Z=Total no. of students appeared in the examination	26.00	56.00	91.00
API [X*(Y/Z)]:	7.18	5.38	4.69

Average API [(AP1 + AP2 + AP3)/3] : 5.75

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	186.00	191.00	206.00
X=No. of students placed	35.00	64.00	113.00
Y=No. of students admitted to higher studies	5.00	10.00	10.00
Z= No. of students taking up entrepreneurship	2.00	2.00	7.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	22.58	39.79	63.11

Average Placement Index = (P_1 + P_2 + P_3)/3: 41.83 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. Vinay Shivaji Nikam	XXXXXXXX10C	Ph.D	IIT, Bombay	Water Resources Engineering	01/06/2018	7.9	Professor	Professor	01/06/2018	Regular	Yes		No
2	Dr. Gundopant Rajaram Patil	XXXXXXXX69E	Ph.D	IIT, Guwahati	Structural Engineering	09/08/2021	4.7	Professor	Professor	09/08/2021	Regular	Yes		No
3	Dr. Shilpa Pankaj Kewate	XXXXXXXX07K	Ph.D	University of Mumbai	Structural Engineering	24/05/2019	6.9	Associate Professor	Associate Professor	24/05/2019	Regular	Yes		No
4	Dr. Karthik Nagarajan	XXXXXXXX65K	Ph.D	University of Mumbai	Structural Engineering	11/10/2010	15.5	Assistant Professor	Associate Professor	29/04/2022	Regular	Yes		No
5	Dr. Raju Pundlikrao Narwade	XXXXXXXX40H	Ph.D	University of Mumbai	Structural Engineering	07/07/2012	13.8	Assistant Professor	Associate Professor	12/01/2026	Regular	Yes		Yes
6	Ms. Manisha Baburao Jamgade	XXXXXXXX77H	M.Tech	Vesvesvaraya National Institute of Technology, Nagpur	Environmental Engineering	11/07/2012	13.8	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Dr. Madhulika Sinha	XXXXXXXX16B	Ph.D	NIT, Patna	Structural Engineering	11/07/2012	13.8	Assistant Professor	Associate Professor	21/08/2023	Regular	Yes		No
8	Ms. Smitha Jaykumar. Sudha	XXXXXXXX69N	M.E.	University of Mumbai	Construction Engineering and Management	14/09/2015	10.6	Assistant Professor	Assistant Professor		Regular	Yes		No
9	Ms. Apurva Parag Deshpande	XXXXXXXX65A	M.Tech	RTM, Nagpur	Environmental Engineering	16/07/2016	9.8	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Mr. Chaitanya Sidharth Khaire	XXXXXXXX63B	M.E.	University of Mumbai	Water Resources Engineering	01/07/2019	6.8	Assistant Professor	Assistant Professor		Regular	Yes		No
11	Ms. Gayatri Harshal Pathak	XXXXXXXX47C	M.E.	University of Mumbai	Construction Engineering and Management	11/07/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No

12	Mr. Prashant Singh	XXXXXXXX52A	M.Tech	Sant Gadge Baba Amravati University	Structural Engineering	07/03/2022	4	Assistant Professor	Assistant Professor		Regular	Yes		No
13	Mr. Anwarul Haque Sayed	XXXXXXXX15N	M.E.	Savitribai Phule Pune University	Structural Engineering	24/08/2015	9.9	Assistant Professor	Assistant Professor		Regular	No	23/05/2025	No
14	Ms. Ashwini P	XXXXXXXX63G	M.Tech	Kannur University	Computer-Aided Structural Engineering	05/12/2016	7.6	Assistant Professor	Assistant Professor		Regular	No	17/06/2024	No
15	Ms. Pradnya Rane	XXXXXXXX44N	M.E.	University of Mumbai	Construction Engineering and Management	02/09/2019	6.6	Associate Professor	Assistant Professor		Regular	Yes		No
16	Mr. Shivraj Patil	XXXXXXXX28B	M.Tech	University of Mumbai	Construction Engineering and Management	01/07/2019	6.8	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mrs. Harshada Dalvi	XXXXXXXX87P	M.E.	University of Mumbai	Structural Engineering	01/06/2024	1.9	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Dr. Amit Dasgupta	XXXXXXXX49A	Ph.D	IIT, Bombay	Engineering Geology	02/02/2018	7.10	Professor	Professor	07/02/2018	Regular	No	31/12/2025	No
19	Ms. Mhaskar Swati Harischandra	XXXXXXXX73K	M.E.	University of Mumbai	Water Resources Engineering	01/07/2019	5.11	Assistant Professor	Assistant Professor		Regular	No	21/06/2025	No
20	Ms. Kadu Sonali Sunil	XXXXXXXX18C	M.E.	University of Mumbai	Construction Engineering and Management	03/07/2023	2.8	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Biradar Shilpa Suryakant	XXXXXXXX23M	M.E.	University of Mumbai	Construction Engineering and Management	03/07/2023	1.11	Assistant Professor	Assistant Professor		Regular	No	14/06/2025	No
22	Ms. Narayankar Dhondabai Suresh	XXXXXXXX00N	M.E.	University of Mumbai	Construction Engineering and Management	30/06/2023	1.11	Assistant Professor	Assistant Professor		Regular	No	28/06/2025	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 Department2

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	66	66	132
UG1.C	60	120	120
UG1.D	120	120	120
UG1: Civil Engineering	246	306	372
PG1.A	24	24	24
PG1.B	24	24	24
PG1: Construction Engineering & Management	48	48	48
PG2.A	24	24	24
PG2.B	24	24	0
PG2: Structural Engineering	48	48	24
DS=Total no. of students in all UG and PG programs in the Department	342	402	444
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= 342	S2= 402	S3= 444
DF=Total no. of faculty members in the Department	16	21	21
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= 16	F2= 21	F3= 21
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= 21.38	SFR2= 19.14	SFR3= 21.14
Average SFR for 3 years	SFR= 20.55		

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)	5	11	17.00	13.82
2024-25(CAYm1)	6	15	20.00	15.00

2023-24(CAYm2)	6	15	22.00	13.64
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C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 \times$ 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 = $2/9 \times$ 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 = $6/9 \times$ 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	2.00	3.00	3.00	11.00	11.00
2024-25	2.00	3.00	4.00	3.00	13.00	15.00
2023-24	2.00	3.00	4.00	3.00	14.00	15.00
Average	RF1=1.67	AF1=2.67	RF2=3.67	AF2=3.00	RF2=12.67	AF2=13.67

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. Pravin Shahi	Adjunct faculty	Reliance Industries Ltd. Patalganga	Repairs and Rehabilitation of Structure	52.00
2	Mr. Sanjeev Raje	Adjunct faculty	Navdeep Construction Company	Advanced Concrete Technology, Construction Equipment and Techniques	52.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Pravin Shahi	Visiting	Reliance Industries Ltd. Patalganga	Repairs, Rehabilitation and retrofitting of Structures	53.00
2	Mr. Sanjeev Raje	Visiting	Navdeep Construction Company	Advanced Concrete Technology, Construction Equipment and Techniques	52.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Pravin Shahi	Visiting	Reliance Industries Ltd. Patalganga	Advanced Concrete Technology, Construction Equipment and Techniques	52.00

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	7	14	23

2	No. of peer reviewed conference papers published	7	5	8
3	No. of books/book chapters published	0	2	6

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
NIL	NIL	NIL	NIL	NA	NA	0.00
						Amount received (Rs.):0.00

(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. Shilpa Kewate	NA	Civil Engineering	Bamboo reinforced manhole cover: An innovative solution using locally available bamboo	Ministry of Micro, Small and Medium	3 yrs	11.37
Dr. Shilpa Kewate	NA	Civil Engineering	Sustainable Sandwich Composite Circular Manhole Cover Designed for Pedestrian Networks	YUKTI Innovation Challenge 2023	12 months	4.00
						Amount received (Rs.):15.37

(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. Karthik Nagarajan	Mr. Raju Narwade	Civil Engineering	Basic Course on Capacity Building in Space Based Disaster Management Support and Risk reduction for Maharashtra State	ISRO's Disaster Management Support Program	One Week	5.92
						Amount received (Rs.):5.92

Total Amount (Lacs) Received for the Past 3 Years: 21.29**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
Ms. Manisha Jangade	-	Civil Engineering	Soil Testing	Jog Infrastructure Pvt.LTd.	6 months	0.75
						Amount received (Rs.):0.75

(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
Ms. Gayatri Deshpande	-	Civil Engineering	MAterial Testing	J Mhatre Infrastructure Pvt.Ltd.	5 months	0.65
						Amount received (Rs.):0.65

(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
Ms. Gayatri Deshpande	-	Civil Engineering	Material Testing	J Mhatre Infrastructure Pvt.Ltd.	6 months	0.80
						Amount received (Rs.):0.80

Total amount (Lacs) received for the past 3 years: 2.20

Note*:

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

C9. Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. Karthik Nagarajan	ME Project	1 year	1.00	1.00	Project
Dr.Shilpa Kewate	ME Project	1 year	1.00	1.00	Project
Dr. Madhulika Sinha	ME Project	1 year	0.50	0.50	Project
Mr. Raju Narwade	ME Project	1 year	1.00	1.00	Project
			Amount received (Rs.): 3.50		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. Karthik Nagarajan	ME Project	1 year	0.50	0.50	Project
Dr.Shilpa Kewate	ME Project	1 year	0.50	0.50	Project
Dr. Madhulika Sinha	ME Project	1 year	0.50	0.50	Project
Mr. Raju Narwade	ME Project	1 year	0.50	0.50	Project
			Amount received (Rs.): 2.00		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Mr. Raju Narwade	ME Project	1 year	0.60	0.60	Project
			Amount received (Rs.): 0.60		

Total amount (Lacs) received for the past 3 years : 6.10

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	20	Pentax Total Station, Pentax prism with accessories, Digital Theodolite with stand, Dumpy Level with stand, Plane Table with Accessories, Chain, 20m/30m, Level	18hrs	Mr. Yogesh Mhatre	Lab Assistant	Diploma in Civil Supervisc
2	Geotechnical Engineering	20	Liquid limit & Plastic limit apparatus, Direct shear apparatus, Vane shear apparatus, CBR Testing machine, Compaction Kit, Triaxial apparatus	12hrs	Mr. Yogesh Mhatre	Lab Assistant	Diploma in Civil Supervisc
3	Environmental Engineering	20	B.O.D. Incubator, COD Apparatus, Jar test Apparatus, pH Meter, Turbidity meter, High volume sampler, Muffle furnace	12hrs	Mr.Tushar Kamble	Lab Assistant	H.S.S.C,Skilled Based ce
4	Concrete Technology	20	Vee Bee Consistometer, Flow Table, Vibrating table, Slump test apparatus, Compaction Factor Apparatus, Concrete test hammer	12hrs	Mr. Mukund Gaikawad	Lab Assistant	ITI Surveyor ,B.A.
5	Transportation Engineering	20	Aggregate Impact Value Apparatus, Los Angeles Abrasion Testing Machine, Ring and Ball Apparatus, Tar Viscosity, Quality Apparatus, Automatic	12hrs	Mr.Tushar Kamble	Lab Assistant	H.S.S.C,Skilled Based ce
6	Fluid Mechanics	20	Metacentric height, Bernoulli's theorem, Reynolds apparatus, Impact of jet apparatus, Venturimeter, Notches & weirs, Discharge apparatus	12hrs	Mr. Yogesh Mhatre	Lab Assistant	Diploma in Civil Supervisc
7	Engineering Geology	20	Clay minerals, Rock minerals	12 hrs	Mr. Mukund Gaikawad	Lab Assistant	ITI Surveyor ,B.A.
8	Building Materials and Construction	20	Vicat Needle Apparatus, Cube Mould (steel), Le-Chatelier Mould, Brass IS Sieve with 200mm - 90 microns, Hydraulic Compression Testing Machine	12 hrs	Mr. Mukund Gaikawad	Lab Assistant	ITI Surveyor ,B.A.
9	Strength of Materials (Mechanics of Solid)	20	Uniersional Testing Machine, Hardness Testing Machine, Impact Testing Machine	12 hrs	Mr. Mukund Gaikawad	Lab Assistant	ITI Surveyor ,B.A.
10	Research Lab	20	PC Kit consisting of Intel(R)Core i5 Processor,8GB DDR2 RAM,500GB hard Disk, Lazer Printer.	26 hrs	Ms Ankita Dhotikhole	Lab Assistant	B Sc IT

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Surveying Laboratory	First aid kit, fire extinguisher, display of safety instructions (Do's & Don'ts).
2	Strength of Materials (Mechanics of Solids)	First aid kit, fire extinguisher, gloves, displayed safety instructions.
3	Building Materials and Construction	First aid kit, fire extinguisher, apron, displayed safety instructions.
4	Transportation Engineering	First aid kit, fire extinguisher, apron, displayed safety instructions.
5	Concrete Technology	Safety shoes, apron, gloves, first aid kit, fire extinguisher, displayed safety instructions.
6	Engineering Geology	First aid kit, fire extinguisher, displayed safety instructions.
7	Fluid Mechanics	Lab coat, fire extinguisher, first aid kit, displayed safety instructions.
8	Environmental Engineering	Gloves, glassware safety measures, fire extinguisher, first aid kit, displayed safety instructions.
9	Geotechnical Engineering	Gloves, first aid kit, fire extinguisher, displayed safety instructions.
10	Research Laboratory	Proper insulation and covering of electrical wiring, fire extinguisher, CCTV surveillance, displayed safety instructions.

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)	540	27	17	5	54
2024-25(CAYm1)	540	27	17	5	54
2025-26(CAY)	600	30	17	5	49

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	57300000	57300000	12500000	11922521.00	6000000.00	3863091	5000000	4834500
Library	1200000	802946	985000	1223314	900000	861249	300000	283957
Laboratory equipment	7500000	6800000	2000000	1723543	4000000	1081100	100000	72737
Teaching and non-teaching staff salary	132000000	130278664	128000000	127569927	121300000.00	119984610	112500000	92006560
Outreach Programs	1000000	869054	1300000	1268500	475000	418402	0	0
R&D	1300000	599948	1200000	959930.00	1000000	747024	200000	147668
Training, Placement and Industry linkage	680000	12459	675000	365464.00	650000.00	600750	200000	170266
SDGs	0	0	0	0	0	0	0	0
Entrepreneurship	0	0	0	0	0	0	0	0
Others, specify	21006000	1757278	43914000	15319520	24592000	13853935	2350000	1781204

Total	221986000	198420349	190574000	160352719.00	158917000.00	141410161	120650000	99296892
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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	20000	12000	120000	0	170000	193000	83000	8810
Software	0	0	300000	295000	12000	0	10000	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	20000	0	0	0	0	6635	0	0
R & D	25000	0	50000	0	0	0	0	26792
Industrial Training, Industry expert, Internship	20000	0	25000	5000	0	0	10000	0
Miscellaneous Expenses*	20000	60125	10000	61430	20000	50369	5000	1500
Total	105000	72125	505000	361430	202000	250004	108000	37102