

NATIONAL BOARD OF ACCREDITATION

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

PART-A: Profile of the Institute

Name of the Program Applied for:

A1:	Name of the Institute: -	L. D. College of Engineering, Ahmedabad
	Year of Establishment : 1948	Location of the Institute: L D College of Engineering No.120, Circular Road, University Area, Opp Gujarat University, Navrangpura, Ahmedabad - 380015 GJ IN
A2:	Institute Address: -	
	City: Ahmedabad Pin Code: 380015 E-mail: head_chemical@ldce.ac.in	State: Gujarat Website: www.ldce.ac.in Phone No (with STD Code): 380015

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

Name of the University : Gujarat Technological University City : Ahmedabad
State : Gujarat Pin Code: 382424

A4: Type of the Institution: - (Tick the applicable choice)

Institute of National Importance ☐ Deemed University ☐
University ☐ Autonomous ☐
Non-Autonomous (Affiliated) ☒ Any other (Please specify) * ☐

***Provide Details:** _____

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

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

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

❖ No. of UG programs: 16
❖ No. of PG programs: 19
❖ Working Professional: 3

Table No. A6.1: List of all programs offered by the Institute.

S.N.	Level of program (UG/P G)	Name of the program	Year o	Year of close*	Name of the Department
1	UG	Artificial Intelligence and Machine Learning	2022	--	Artificial Intelligence and Machine Learning
2	UG	Automobile Engineering	2004	--	Department of Automobile Engineering
3	UG	Biomedical Engineering	2004	--	Department of Biomedical Engineering
4	UG	Chemical Engineering	1974	--	Department of Chemical Engineering
5	UG	Civil Engineering	1948	--	Department of Civil Engineering
6	UG	Computer Engineering	1983	--	Department of Computer Engineering
7	UG	Electrical Engineering	1948	--	Department of Electrical Engineering
8	UG	Electronics & Communication Engineering	1972	--	Department of Electronics & Communication Engineering
09	UG	Environmental Engineering	1983	--	Department of Environmental Engineering
10	UG	Information Technology	2000	--	Department of Information Technology
11	UG	Instrumentation & Control Engineering	1974	--	Department of Instrumentation & Control Engineering
12	UG	Mechanical Engineering	1948	--	Department of Mechanical Engineering
13	UG	Plastic Technology	1983	--	Department of Plastic Technology

14	UG	Robotics & Automation (B.E.)	2022	--	Department of Robotics & Automation
15	UG	Rubber Technology (B.E.)	1983	--	Department of Rubber Technology
16	UG	Textile Technology (B.E.)	1977	--	Department of Textile Technology
17	PG	Computer Aided Process Design (M.E.)	2002	--	Department of Chemical Engineering
18	PG	Geotechnical Engineering (M.E.)	2011	--	Department of Applied Mechanics
19	PG	Civil (Structural Engineering) (M.E.)	1986	--	Department of Applied Mechanics
20	PG	Civil Engineering (Transportation Engineering) (M.E.)	2001	--	Department of Civil Engineering
21	PG	Civil (Water Resources & Engineering) (M.E.)	1986	--	Department of Civil Engineering
22	PG	Computer Engineering (Software Engineering) (M.E.)	2009	--	Department of Computer Engineering
23	PG	Electrical Engineering (M.E.)	1954	--	Department of Electrical Engineering
24	PG	Electronics and Communication (Communication System Engineering) (M.E.)	2001	--	Department of Electronics & Communication Engineering
25	PG	Environmental Management (M.E.)	2001	--	Department of Environment Engineering
26	PG	Information Technology (M.E.)	2010	--	Department of Information Technology
27	PG	Applied Instrumentation (M.E.)	2003	--	Department of Instrumentation & Control Engineering
28	PG	Computer Aided Design & Manufacturing (M.E.)	1996	--	Department of Mechanical Engineering
29	PG	Cryogenic Engineering (M.E.)	1990	--	Department of Mechanical Engineering

30	PG	Mechanical (Internal Combustion Engines & Automobile) (M.E.)	2003	--	Department of Mechanical Engineering
31	PG	Rubber Technology (M.E.)	2011	--	Department of Rubber Technology
32	PG	Textile Engineering (M.E.)	2010	--	Department of Textile Technology
33	PG	VLSI Design (M.E.)	2021	--	Department of Electronics & Communication Engineering
34	PG	Electric Vehicle Technology (M.E.)	2023	--	Department of Electrical Engineering
35	PG	Masters in Computer Application (M.C.A)	1987	--	Department of Information Technology
36	UG (Working Professional)	Civil Engineering (B.E.)	2024	--	Department of Civil Engineering
37	UG(Working Professional)	Electrical Engineering (B.E.)	2024	--	Department of Electrical Engineering
38	UG(Working Professional)	Mechanical Engineering (B.E.)	2024	--	Department of Mechanical

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

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

Cluster ID.	Name of the Department	Name of the Program
1.	Mechanical Engineering	Mechanical Engineering
2	Electronics and Communication Engineering	Electronics and Communication Engineering
3	Environmental Engineering	Environmental Engineering
4	Rubber Technology	Rubber Technology

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)
1.	Environmental Engineering	Civil Engineering

PART-B: Program information

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

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

Table No. B1: Program details.

S. N .	Program Name	Year of start	Sanctioned Intake	Increase/ decrease	Year increase/ decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1 .	Environmental Engineering	1983	60	No	NA	Central/1-43661592374/2024/EOA	Granted accreditation for 3years for the period 2006 to 2009	1

* Write applicable one:

- ❖ Applying first time
- ❖ Granted accreditation for 2/3 years for the period (specify period)
- ❖ Granted accreditation for 5/6 years for the period (specify period)
- ❖ Not accredited (specify visit dates, year).
- ❖ Withdrawn (specify visit dates, year)
- ❖ Not eligible for accreditation.

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

A. Name of the HoD: Prof. Dr. Gaurangkumar H Ban

B. Nature of appointment: (Tick the applicable choice)

- ❖ Regular ☒
- ❖ Contract ☐
- ❖ Ad hoc ☐

C. Qualification: (Tick the applicable choice)

- ❖ Ph.D. ☒
- ❖ ME/M.Tech ☐
- ❖ Any other* ☐

**Please provide details:* _____

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

Item (Information is to be provided cumulatively for all the shifts with explicit headings,	CAY	CAYm1	CAYm2	CAYm3	CAYm4 (LYG)	CAYm5 (LYGm1)	CAYm6 (LYGm2)
N= Sanctioned intake of the program (as per AICTE /Competent authority)	60	60	60	60	60	60	60
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	60	60	60	60	60	60	60
N2= Number of students admitted in 2 nd year in the same batch via lateral entry including leftover seats	18	15	22	24	15	17	13
N3= Separate division if any	-	-	-	-	-	-	-
N4= Total no. of students admitted in the 1 st year via all	9	12	2	2	7	7	10

supernumerary quotas							
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	87	87	84	86	82	84	83

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.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY	CAYm1	CAYm2
N= Sanctioned intake of the program in the 1 st year (as per AICTE/Competent authority)	60	60	60
N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	65	66	61
N4= Total no. of students admitted in the 1 st year via all supernumerary quotas	4	6	1
Enrolment Ratio (ER)= (N1+N4)/N	115%	120%	103.3%
Average ER= (ER_1+ ER_2+ ER_3)/3	112.77%		

B5: Success Rate of the Students in the Stipulated Period of the Program**Table No.B5.1:** The success rate in the stipulated period of a program.

Item	LYG	LYGm1	LYGm2
A*= (No. of students admitted in the 1 st year of that batch and those actually admitted in the 2 nd 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).	82	84	83
B=No. of students who graduated from the program in the stipulated course duration	73	78	78
Success Rate (SR)= (B/A)*100	89.02	92.85	93.98
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	91.95		

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

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

Academic Performance	CAYm1	CAYm2	CAYm3
X= (Mean of 1 st 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 1 st year/10)	6.01	5.26	4.86
Y= Total no. of successful students	69	59	50
Z = Total no. of students appeared in the examination	69	59	50
API = X* (Y/Z)	6.01	5.26	4.86
Average API = (API_1 + API_2 + API_3)/3	5.38		

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	CAYm2	CAYm3
X= (Mean of 2 nd 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 2 rd year/10)	6.73	6.92	7.50
Y= Total no. of successful students	76	73	76
Z =Total no. of students appeared in the examination	81	74	82
API = X* (Y/Z)	6.31	6.83	6.95
	6.70		

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

Academic Performance	CAYm1	CAYm2	CAYm3
X= (Mean of 3 rd 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 3 rd year/10)	6.73	6.92	7.29
Y= Total no. of successful students	73	74	79
Z= Total no. of students appeared in the examination	73	76	81
API = X* (Y/Z)	6.73	6.74	7.11
Average API = (API_1 + API_2 + API_3)/3	6.86		

B9: Placement, Higher Studies, and Entrepreneurship**Table No.B9.1:** Placement, higher studies, and entrepreneurship details.

Item	LYG	LYGm1	LYGm2
FS*=Total no. of final year students	73	78	78
X= No. of students placed	42	40	45
Y= No. of students admitted to higher studies	17	14	24
Z= No. of students taking up entrepreneurship	0	0	1
X + Y + Z =	59	54	70
Placement Index (P) = (((X + Y + Z)/FS) * 100)	80.82	69.23	89.74
Average placement index = (P_1 + P_2 + P_3)/3	79.93		

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

PART C: Faculty Details in Department and Allied Departments (Data to be filled in for the Department and Allied Departments)

Faculty details of Department and Allied Departments

Table No.C1: Faculty details in the Department for the past 3 years including CAY

C1: Faculty details (Year 2025-26)

Environment													
Year 2025-26													
Sr. No.	Name of the Faculty Member	PAN No.	Qualification			Area of Specialization	Designation	Date of Joining the Institution	Date on which Designated as Professor/ Associate	Currently associated (Y/N)	Nature of Association (Regular/ Contract)	Full time or Part	Date of Leaving
			Degree (highest degree)	University	attaining higher								
1.	Prof Gaurang H Ban	ACTPB5135 G	PhD	Nirma University	2022	Environmental Engineering	Associate Professor	12/7/2017	21-02-2009	Y	Regular	N A	N A
2.	Prof Huma S Syed	AGAPS0783 Q	ME	GU	2006	Environmental Engineering	Associate Professor	21/10/2022	18/09/2012	Y	Regular	N A	N A
3.	Prof Yogeshkumar M Gajera	ARFPG6534P	MTech	NIT, Surtkal	2009	Environmental Engineering	Assistant Professor	29/07/2016	NA	Y	Regular	N A	N A
4.	Prof Dimpi P Shah	BCVPS7775 N	ME	GTU	2014	Environmental Engineering	Assistant Professor	7/1/2016	NA	Y	Regular	N A	N A
5.	Prof Amruta S Kuhikar	ABRPF1396 A	ME	GTU	2013	Environmental Engineering	Assistant Professor	25/1/2016	NA	Y	Regular	N A	N A
6.	Prof Chetna J Patel	ARWPP3596 M	ME	GU	2007	Environmental Engineering	Assistant Professor	08/03/2019	NA	Y	Regular	N A	N A
7.	Prof Vishwa V Shah	GGLPS1326G	ME	GTU	2015	Environmental Engineering	Assistant Professor	31/03/2017	NA	Y	Regular	N A	N A
8.	Prof Yagni S Rami	BLNPR4958P	PhD	PDEU	2025	Environmental Engineering	Assistant Professor	10/04/2017	NA	Y	Regular	N A	N A
9.	Prof Bina B Patel	AIFPP4558H	PhD	GTU	2024	Environmental Engineering	Assistant Professor	03/04/2017	NA	Y	Regular	N A	N A

Faculty details (Year 2024-25)

Environment													
Year 2024-25													
Sr. No.	Name of the Faculty Member	PAN No.	Qualification			Area of Specialization	Designation	Date of Joining the Institution	Date on which Designated as Professor/Associate	Currently associated (Y/N)	Nature of Association (Regular/Contract)	Full time or Part	Date of Leaving
			Degree (highest degree)	University	attaining higher								
1	Prof Gaurang H Ban	ACTPB5135G	PhD	Nirma University	2022	Environmental Engineering	Associate Professor	12/7/2017	21-02-2009	Y	Regular	N A	N A
2	Prof Minarva J Pandya	AHPPP6639N	ME	GU	2006	Environmental Engineering	Associate Professor	25/6/1998	18/09/2012	Y	Regular	N A	N A
3	Prof Huma S Syed	AGAPS0783Q	ME	GU	2006	Environmental Engineering	Associate Professor	21/10/2022	18/09/2012	Y	Regular	N A	N A
4	Prof Yogeshkumar M Gajera	ARFPG6534P	MTech	NIT, Surtkal	2009	Environmental Engineering	Assistant Professor	29/07/2016	NA	Y	Regular	N A	N A
5	Prof Dimpi P Shah	BCVPS7775N	ME	GTU	2014	Environmental Engineering	Assistant Professor	7/1/2016	NA	Y	Regular	N A	N A
6	Prof Amruta S Kuhikar	ABRPF1396A	ME	GTU	2013	Environmental Engineering	Assistant Professor	25/1/2016	NA	Y	Regular	N A	N A
7	Prof Chetna J Patel	ARWPP3596M	ME	GU	2007	Environmental Engineering	Assistant Professor	08/03/2019	NA	Y	Regular	N A	N A
8	Prof Vishwa V Shah	GGLPS1326G	ME	GTU	2015	Environmental Engineering	Assistant Professor	31/03/2017	NA	Y	Regular	N	N
9	Prof Yagni S Rami	BLNPR4958P	ME	GTU	2015	Environmental Engineering	Assistant Professor	10/04/2017	NA	Y	Regular	N A	N A
10	Prof Bina B Patel	AIFPP4558H	PhD	GTU	2024	Environmental Engineering	Assistant Professor	03/04/2017	NA	Y	Regular	N A	N A

Faculty details (Year 2023-24)

Environment													
Year 2023-24													
Sr. No.	Name of the Faculty Member	PAN No.	Qualification			Area of Specialization	Designation	Date of Joining the Institution	Date on which Designated as Professor/Associate	Currently associated (Y/N)	Nature of Association (Regular/Contract)	Full time or Part	Date of Leaving
			Degree (highest degree)	University	attaining higher								
1	Prof Gaurang H Ban	ACTPB5135G	PhD	Nirma University	2022	Environmental Engineering	Associate Professor	12/7/2017	21-02-2009	Y	Regular	NA	NA
2	Prof Minarva J Pandya	AHPPP6639N	ME	GU	2006	Environmental Engineering	Associate Professor	25/6/1998	18/09/2012	Y	Regular	NA	NA
3	Prof Huma S Syed	AGAPS0783Q	ME	GU	2006	Environmental Engineering	Associate Professor	21/10/2022	18/09/2012	Y	Regular	NA	NA
4	Prof Yogeshkumar M Gajera	ARFPG6534P	MTech	NIT, Surtkal	2009	Environmental Engineering	Assistant Professor	29/07/2016	NA	Y	Regular	NA	NA
5	Prof Dimpi P Shah	BCVPS7775N	ME	GTU	2014	Environmental Engineering	Assistant Professor	7/1/2016	NA	Y	Regular	NA	NA
6	Prof Amruta S Kuhikar	ABRPF1396A	ME	GTU	2013	Environmental Engineering	Assistant Professor	25/1/2016	NA	Y	Regular	NA	NA
7	Prof Chetna J Patel	ARWPP3596M	ME	GU	2007	Environmental Engineering	Assistant Professor	08/03/2019	NA	Y	Regular	NA	NA
8	Prof Vishwa V Shah	GGLPS1326G	ME	GTU	2015	Environmental Engineering	Assistant Professor	31/03/2017	NA	Y	Regular	NA	NA
9	Prof Yagni S Rami	BLNPR4958P	ME	GTU	2015	Environmental Engineering	Assistant Professor	10/04/2017	NA	Y	Regular	NA	NA
10	Prof Bina B Patel	AIFPP4558H	PhD	GTU	2024	Environmental Engineering	Assistant Professor	03/04/2017	NA	Y	Regular	NA	NA

Faculty details (CAY 2022-23)

Environment													
Year 2022-23													
Sr. No.	Name of the Faculty Member	PAN No.	Qualification			Area of Specialization	Designation	Date of Joining the Institution	Date on which Designated as Professor/Associate	Currently associated (Y/N)	Nature of Association (Regular/Contract)	Full time or Part	Date of Leaving
			Degree (highest degree)	University	attaining higher								
1	Prof Gaurang H Ban	ACTPB5135G	PhD	Nirma University	2022	Environmental Engineering	Associate Professor	12/7/2017	21-02-2009	Y	Regular	N/A	N/A
2	Prof Minarva J Pandya	AHPPP6639N	ME	GU	2006	Environmental Engineering	Associate Professor	25/6/1998	18/09/2012	Y	Regular	N/A	N/A
3	Prof Huma S Syed	AGAPS0783Q	ME	GU	2006	Environmental Engineering	Associate Professor	21/10/2022	18/09/2012	Y	Regular	N/A	N/A
4	Prof Yogeshkumar M Gajera	ARFPG6534P	MTech	NIT, Surtkal	2009	Environmental Engineering	Assistant Professor	29/07/2016	NA	Y	Regular	N/A	N/A
5	Prof Dimpi P Shah	BCVPS7775N	ME	GTU	2014	Environmental Engineering	Assistant Professor	7/1/2016	NA	Y	Regular	N/A	N/A
6	Prof Amruta S Kuhikar	ABRPF1396A	ME	GTU	2013	Environmental Engineering	Assistant Professor	25/1/2016	NA	Y	Regular	N/A	N/A
7	Prof Chetna J Patel	ARWPP3596M	ME	GU	2007	Environmental Engineering	Assistant Professor	08/03/2016	NA	Y	Regular	N	N
8	Prof Vishwa V Shah	GGLPS1326G	ME	GTU	2015	Environmental Engineering	Assistant Professor	31/03/2017	NA	Y	Regular	N/A	N/A
9	Prof Yagni S Rami	BLNPR4958P	ME	GTU	2015	Environmental Engineering	Assistant Professor	10/04/2017	NA	Y	Regular	N/A	N/A
10	Prof Bina B Patel	AIFPP4558H	ME	GTU	2024	Environmental Engineering	Assistant Professor	03/04/2017	NA	Y	Regular	N/A	N/A

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

Faculty details (Year 2025-26)

Civil													
Year 2025-26													
Sr. No.	Name of the Faculty Member	PAN No.	Qualification			Area of Specialization	Designation	Date of Joining the Institution	Date on which Designated as Professor/ Associate	associated (Y/N)	Nature of Association (Regular/ Contract)	Full time	Date of Leaving
			Degree (highest degree)	University	attaining higher								
1.	Dr Rajesh Kumar M Jain	ABZPJ6808R	Ph.D.	IIT Roorkee	2008	River Engineering	Professor	01-10-2020	30-12-2015	Y	Regular	N A	N A
2.	Dr C S Sanghvi	AIHPS0071Q	Ph.D.	SVNIT, Surat	2013	Earthquake Engineering	Professor	17-03-2023	19-12-2015	Y	Regular	N A	N A
3.	Dr Gopal M Tank	AANPT3680Q	Ph.D.	IIT Roorkee	2011	Earthquake Engineering	Professor	10-05-2022	19-12-2015	Y	Regular	N A	N A
4.	Prof. Nikhil. G. Raval	AEMPR3527B	Ph.D.	KSV University	2018	Transportation Engineering	Associate Professor	24/04/2025	24/09/2012	Y	Regular	N A	N A
5.	Prof. Satyam L. Panchal	AIBPP3920B	M.E. Civil	MSU	2011	Water Resources Engineering	Associate Professor	25/04/2025	24/09/2012	Y	Regular	N A	N A
6.	Shailesh Anantrai Trivedi	AAFPT5228G	M.E. Civil-IWM	MSU	1990	Irrigation Water Management	Associate professor	01/05/2025	05/08/2005	Y	Regular	N	N
7	Binita A Vyas	AAJPV0373L	ME	GU	2008	Casad	Associate Professor	24/04/2025	02/03/2009	Y	regular	N A	N A
8	Priti J. Mehta	ABBPM8147N	ME	GU	2007	Casad	Associate Professor	28/05/2015	02/03/2009	Y	Regular	N A	N A
9	Dr. Yamini Jayantibhai Patel	AIJPP2327E	Ph.D.	CHARUSAT, Changa	2019	Civil Engineering	Associate Professor	24/04/2025	24/04/2025	Y	Regular	N A	N A
10	Deepa Hitesh Raval	AFEPM7260B	M.E. CIVIL	SPCE., Mumbai	2011	Structural Engg.	Assistant Professor	16/10/2004	NA	Y	Regular	N A	N A
11	Sudhanshu S Dixit	BODPD1937H	M.Tech.	SVNIT, Surat	2014	Water Resources Engineering	Assistant Professor	17/01/2019	NA	Y	Regular	N A	N A
12	Ashwinkumar G Hansora	ABFPH5183D	M.E.	GU	2010	Computer Aided Structural Analysis And Design	Assistant Professor	10-12-2013	NA	Y	Regular	N A	N A
13	Kamini Ashokkumar Parmar	AFRPK9445B	M.E.	GTU	2011	Structural Engg.	Assistant Professor	20/5/2016	NA	Y	Regular	N A	N A

14	Usha K Patel	AFJPP0758 E	M.E.	GTU	20 16	Geotechnical Engineering	Assistant Professor	24/05/2 016	NA	Y	Regular	N A	N A
15	Chintan D Patel	BCEPP487 0Q	M.E.	GU	20 10	Casad	Assistant Professor	19/05/2 011	NA	Y	Regular	N A	N A
16	Prof. Dr. Poonam I. Modi	ANBPM80 29R	Ph.D.	GTU	20 24	Civil Engineering	Assistant Professor	13/05/2 011	NA	Y	Regular	N A	N A
17	Prof. H.M.Gandhi	ABQPG31 52J	M.E.	Saurashtra University	19 99	Water Resources Engineering	Associate Professor	08/05/2 025	02/03/2 009	Y	Regular	N A	N A
18	Payal H. Andharia	AHYPA44 79J	M.E.	Sardar Patel University	20 04	Structural Engineering	Assistant Professor	01/07/2 015	NA	Y	Regular	N A	N A
19	Anjum M Mirza	BSGPM02 98B	M.E.	GTU	20 16	Transportation Engineering	Assistant Professor	16/02/20 19	NA	Y	Regular	N A	N A
20	Zalakumar R. Chhaya	AJWPC976 4E	Ph.D.	IIT Roorkee	20 24	Civil Engineering	Assistant Professor	19/5/20 11	NA	Y	Regular	N A	N A
21	Chaitali N. Bhavsar	DOCPS067 4M	M.E.	MSU	20 11	Environmental Engineering	Assistant Professor	1/4/201 7	NA	Y	Regular	N A	N A
22	Zarna Chovatia	AJQPC082 2M	Ph.D.	KSV University	20 25	Civil Engineering	Assistant Professor	18/4/20 17	NA	Y	Regular	N A	N A
23	M. M. Shaikh	DBRPS245 1A	Ph.D.	GTU	20 21	Civil Engineering	Assistant Professor	1/4/201 7	NA	Y	Regular	N A	N A
24	P. K. Lalwani	AFOPL292 0H	M.E.	MSU	20 10	Environmental Engineering	Assistant Professor	18/4/20 17	NA	Y	Regular	N A	N A
25	S. B. Jha	APQPJ841 2A	Ph.D.	Ganpat University	20 22	Civil Engineering	Assistant Professor	13/12/2 022	NA	Y	Regular	N A	N A
26	DR. UTKARSH P. NIGAM	AMXPN96 49M	Ph.D.	GTU	20 25	Water Resources Engineering	Assistant Professor	27/12/2 018	NA	Y	Regular	N A	N A
27	Jalpa Modi	ALSPM87 73D	M.E.	MSU	20 01	Environmental Engineering	Assistant Professor	25/4/20 11	NA	Y	Regular	N A	N A
28	Sahista Kazi	BJKPK479 2D	M.E.	MSU	20 10	Geotechnical Engineering	Assistant Professor	7/7/201 5	NA	Y	Regular	N A	N A
29	M. S. Gadhavi	AJZPG363 5R	Ph.D.	MSU	20 12	Geology	Assistant Professor	28-07- 2009	NA	Y	Regular	N A	N A
30	B. R. Patel	BWPPP941 1A	M. Tech.	SVNIT, Surat	20 12	Structural Engg.	Assistant Professor	31-05- 2016	NA	Y	Regular	N A	N A
31	Shalini R. Singh	FNZPS660 5A	M. Tech.	SVNIT, Surat	20 12	Geotechnical Engineering	Assistant Professor	01-08- 2017	NA	Y	Regular	N A	N A
32	Prof. Dr. Yogesh J. Chauhan	ASBPC835 4L	Ph.D.	GTU	20 24	Civil Engineering	Assistant Professor	02/11/2 022	NA	Y	Regular	N A	N A

Faculty details (Year 2024-25)

Civil													
Year 2024-25													
Sr. No.	Name of the Faculty Member	PAN No.	Qualification			Area of Specialization	Designation	Date of Joining the Institution	Date on which Designated as Professor/ Associate	Currently associated (Y/N)	Nature of Association (Regular / Contract)	Full time	Date of Leaving
			Degree (highest degree)	University	attaining higher								
1.	Dr. R.M.Jain	ABZPJ6808R	Ph.D.	IIT R	2008	WRM	Professor	1/10/2020	30/12/2015	Y	Regular	N A	N A
2.	Dr. M.S. Gadhavi	AJZPG3635R	Ph.D.	MSU	2012	Geo.	Assistant Professor	28/07/2009	--	Y	Regular	N A	N A
3.	Prof. Z.R. Chhaya	AJWPC9764E	Ph.D	IIT R	2024	Structural Engg.	Assistant Professor	19/05/2011	--	Y	Regular	N A	N A
4.	Prof. J.P. Modi	ALSPM8773D	ME	MSU	2001	Env. Engg.	Assistant Professor	25/04/2011	--	Y	Regular	N A	N A
5.	Prof. S.H. Kazi	BJKPK4792D	ME	MSU	2009	Geo Tech	Assistant Professor	7/7/2015	--	Y	Regular	N A	N A
6.	Prof. Z.J. Chovatia	AJQPC0822M	ME	GU	2010	WRM	Assistant Professor	18/09/2017	--	Y	Regular	N A	N A
7.	Prof. C.N. Bhavsar	DOCPS0674M	ME	MSU	2011	Env. Engg.	Assistant Professor	1/4/2017	--	Y	Regular	N A	N A
8.	Prof. P.K. Lalwani	AFOPL2920H	ME	MSU	2009	Env. Engg.	Assistant Professor	18/04/2017	--	Y	Regular	N A	N A
9.	Prof. M.M. Shaikh	DBRPS2451A	Ph.D	GTU	2021	WRM	Assistant Professor	1/4/2017	--	Y	Regular	N A	N A
10.	Prof. S.JHA	APQPJ8412A	Ph.D	Ganpat university	2022	Env. Engg.	Assistant Professor	13/12/2022	--	Y	Regular	N A	N A

11.	Prof. U.P. Nigam	AMXPN964 9M	M. Tech	NIT, Surat	201 4	WRM	Assistant Professor	27/12/20 18	--	Y	Regular	N A	N A
12.	Prof. S.S. Dixit	BODPD193 7H	M. Tech	NIT, Surat	201 4	WRM	Assistant Professor	17/01/20 19	--	Y	Regular	N A	N A
13.	Prof. A.M. Mirza	BSGPM029 8B	ME	GTU	201 5	Trans. Engg.	Assistant Professor	16/01/20 19	--	Y	Regular	N A	N A
14.	Dr. C. S. Sanghvi	AIHPS0071 Q	Ph.D.	NIT, Surat	201 3	Earthquake Engg.	Professor	17/03/20 23	19/12/20 15	Y	Regular	N A	N A
15.	Dr. G. M. Tank	AANPT3680 Q	Ph.D.	IITR	201 1	Earthquake Engg.	Professor	10/5/202 2	9/9/2016	Y	Regular	N A	N A
16.	Prof. P. J. Mehta	ABBPM814 7N	ME	GU	200 7	Structural Engg.	Associate Professor	28/05/20 15	2/3/2009	Y	Regular	N A	N A
17.	Prof. A. J. Shah	AOMPS579 4K	ME	GU	200 9	Structural Engg.	Assistant Professor	12/7/201 1	--	Y	Regular	N A	N A
18.	Prof. D. H. Raval	AFEPM7260 B	ME	VJTI	201 2	Structural Engg.	Assistant Professor	16/10/20 04	--	Y	Regular	N A	N A
19.	Prof. A. G. Hansora	ABFPH5183 D	ME	GU	201 0	Structural Engg.	Assistant Professor	10/12/20 13	--	Y	Regular	N A	N A
20.	Prof. K. A. Parmar	AFRPM9445 B	ME	GTU	201 1	Structural Engg.	Assistant Professor	20/05/20 16	--	Y	Regular	N A	N A
21.	Prof. U. K. Patel	AFJPP0758 E	ME	GTU	201 6	Geo Technical	Assistant Professor	24/05/20 16	--	Y	Regular	N A	N A
22.	Prof. C. D. Patel	BCEPP4870 Q	ME	GU	201 0	Structural Engg.	Assistant Professor	19/05/20 11	--	Y	Regular	N A	N A
23.	Dr. P. I. Modi	ANBPM802 9R	ME	GTU	202 4	Structural Engg.	Assistant Professor	13/05/20 11	--	Y	Regular	N A	N A
24.	Prof. P. H. Andharia	AHYPA4479 J	ME	GU	200 3	Structural Engg.	Assistant Professor	1/7/2015	--	Y	Regular	N A	N A
25.	Prof. B. R. Patel	BWPPP9411 A	M. Tech	NIT, Surat	201 2	Structural Engg.	Assistant Professor	31/05/20 16	--	Y	Regular	N A	N A
26.	Prof. Shalini Singh	FNZPS6605 A	M. Tech	NIT, Surat	201 2	Geo Technical	Assistant Professor	1/8/2017	--	Y	Regular	N A	N A

27.	Dr. Yogesh J. Chauhan	ASBPC8354 L	Ph.D.	GTU	2024	Structural Engg.	Assistant Professor	2/11/2022	--	Y	Regular	N A	N A
28.	Prof. Nikhil. G. Raval	AEMPR352 7B	Ph.D.	KSV University	2018	Transportation Engineering	Associate Professor	24/04/2025	24/09/2012	Y	Regular	N A	N A
29.	Prof. Satyam L. Panchal	AIBPP3920 B	M.E. Civil	MS University, Vadodara	2011	Water Resources Engineering	Associate Professor	25/04/2025	24/09/2012	Y	Regular	N A	N A
30.	Binita A Vyas	AAJPV0373 L	M.E. Civil-IWM	MS University	1990	Irrigation Water Management	Associate Professor	01/05/2025	5/8/2005	Y	Regular	N A	N A

Faculty details (Year 2023-24)

Civil													
Year 2023-24													
Sr. No.	Name of the Faculty Member	PAN No.	Qualification			Area of Specialization	Designation	Date of Joining the Institution	Date on which Designated as Professor/	associated	Nature of Association (Regular/Contract)	contractual mention Full	Date of Leaving
			Degree (highest degree)	University	attaining higher								
1.	Dr. R.M.Jain	ABZPJ6808R	Ph.D.	IIT R	2008	WRM	Professor	1/10/2020	30/12/2015	Y	Regular	N A	N A
2.	Prof. V.J. Chitaria	AAPPC6176L	ME	GU	2010	Trans. Engg.	Associate Professor	12/7/2017	25/09/2012	Y	Regular	N A	N A
3.	Prof. R.N. Shukla	AERPS0345F	ME	GU	2005	Trans. Engg.	Associate Professor	28/05/2015	25/09/2012	Y	Regular	N A	N A
4.	Prof. N.J. Dalal	AIJPG6958N	Ph.D	GTU	2022	WRM	Associate Professor	11/3/2016	28/09/2012	Y	Regular	N A	N A
5.	Prof. R.M. Jadav	ADWPJ4350P	ME	GU	2010	WRM	Associate Professor	4/10/2013	29/09/2012	Y	Regular	N A	N A

6.	Dr. T.H.VYAS	AEJPV6709E	ME	GU	2005	Trans. Engg	Assistant Professor	12/4/2018	-	Y	Regular	N A	N A
7.	Prof. S.C. Rathod	AIOPR9703K	Ph.D	GU	2022	Trans. Engg.	Assistant Professor	29/07/2016	--	Y	Regular	N A	N A
8.	Dr. M.S. Gadhavi	AJZPG3635R	Ph.D.	MSU	2012	Geo.	Assistant Professor	28/07/2009	--	Y	Regular	N A	N A
9.	Prof. Z.R. Chhaya	AJWPC9764E	ME	GU	2005	Structural Engg.	Assistant Professor	19/05/2011	--	Y	Regular	N A	N A
10.	Prof. J.P. Modi	ALSPM8773D	ME	MSU	2001	Env. Engg.	Assistant Professor	25/04/2011	--	Y	Regular	N A	N A
11.	Prof. P.K. Shah	BRUPS8071D	ME	GU	2005	WRM	Assistant Professor	29/04/2011	--	Y	Regular	N A	N A
12.	Prof. S.H. Kazi	BJKPK4792D	ME	MSU	2009	Geo Tech	Assistant Professor	7/7/2015	--	Y	Regular	N A	N A
13.	Prof. Z.J. Chovatia	AJQPC0822M	ME	GU	2010	WRM	Assistant Professor	18/09/2017	--	Y	Regular	N A	N A
14.	Prof. C.N. Bhavsar	DOCPS0674M	ME	MSU	2011	Env. Engg.	Assistant Professor	1/4/2017	--	Y	Regular	N A	N A
15.	Prof. P.K. Lalwani	AFOPL2920H	ME	MSU	2009	Env. Engg.	Assistant Professor	18/04/2017	--	Y	Regular	N A	N A
16.	Prof. M.M. Shaikh	DBRPS2451A	Ph.D	GTU	2021	WRM	Assistant Professor	1/4/2017	--	Y	Regular	N A	N A
17.	Prof. S.JHA	APQPJ8412A	Ph.D	Ganpat university	2022	Env. Engg.	Assistant Professor	13/12/2022	--	Y	Regular	N A	N A
18.	Prof. U.P. Nigam	AMXPN9649M	M. Tech	NIT, Surat	2014	WRM	Assistant Professor	27/12/2018	--	Y	Regular	N A	N A
19.	Prof. S.S. Dixit	BODPD1937H	M. Tech	NIT, Surat	2014	WRM	Assistant Professor	17/01/2019	--	Y	Regular	N A	N A
20.	Prof. A.M. Mirza	BSGPM0298B	ME	GTU	2015	Trans. Engg.	Assistant Professor	16/01/2019	--	Y	Regular	N A	N A
21.	Dr. C. S. Sanghvi	AIHPS0071Q	Ph.D.	NIT, Surat	2013	Earthquake Engg.	Professor	17/03/2023	19/12/2015	Y	Regular	N A	N A

22.	Dr. G. M. Tank	AANPT3680Q	Ph.D.	IITR	2011	Earthquake Engg.	Professor	10/5/2022	9/9/2016	Y	Regular	N A	N A
23.	Prof. D. R. Tarachandani	AALPT9996R	ME	GU	1999	Structural Engg.	Associate Professor	28/05/2015	15/01/2009	Y	Regular	N A	N A
24.	Prof. M. G. Vanza	AARPV2618N	ME	GU	1999	Structural Engg.	Associate Professor	16/12/2008	16/12/2008	Y	Regular	N A	N A
25.	Prof. P. J. Mehta	ABBPM8147N	ME	GU	2007	Structural Engg.	Associate Professor	28/05/2015	2/3/2009	Y	Regular	N A	N A
26.	Prof. A. J. Shah	AOMPS5794K	ME	GU	2009	Structural Engg.	Assistant Professor	12/7/2011	--	Y	Regular	N A	N A
27.	Prof. D. H. Raval	AFEPM7260B	ME	VJTI	2012	Structural Engg.	Assistant Professor	16/10/2004	--	Y	Regular	N A	N A
28.	Prof. A. G. Hansora	ABFPH5183D	ME	GU	2010	Structural Engg.	Assistant Professor	10/12/2013	--	Y	Regular	N A	N A
29.	Prof. K. A. Parmar	AFRPK9445B	ME	GTU	2011	Structural Engg.	Assistant Professor	20/05/2016	--	Y	Regular	N A	N A
30.	Prof. U. K. Patel	AFJPP0758E	ME	GTU	2016	Geo Technical	Assistant Professor	24/05/2016	--	Y	Regular	N A	N A
31.	Dr. M. V. Shah	AYMPS8832N	Ph.D.	MSU	2013	Geo Technical	Assistant Professor	18/05/2011	--	Y	Regular	N A	N A
32.	Prof. C. D. Patel	BCEPP4870Q	ME	GU	2010	Structural Engg.	Assistant Professor	19/05/2011	--	Y	Regular	N A	N A
33.	Dr. P. I. Modi	ANBPM8029R	ME	GTU	2024	Structural Engg.	Assistant Professor	13/05/2011	--	Y	Regular	N A	N A
34.	Prof. P. H. Andharia	AHYPA4479J	ME	GU	2003	Structural Engg.	Assistant Professor	1/7/2015	--	Y	Regular	N A	N A
35.	Prof. B. R. Patel	BWPPP9411A	M. Tech	NIT, Surat	2012	Structural Engg.	Assistant Professor	31/05/2016	--	Y	Regular	N A	N A
36.	Prof. Shalini Singh	FNZPS6605A	M. Tech	NIT, Surat	2012	Geo Technical	Assistant Professor	1/8/2017	--	Y	Regular	N A	N A
37.	Dr. Yogesh J. Chauhan	ASBPC8354L	ME	GU	2005	Structural Engg.	Assistant Professor	2/11/2022	--	Y	Regular	N A	N A

Faculty details (CAY 2022-23)

Civil													
Year 2022-23													
Sr. No.	Name of the Faculty Member	PAN No.	Qualification			Area of Specialization	Designation	Date of Joining the Institution	Date on which Designated as Professor/ Associate	Currently associated (Y/N)	Nature of Association (Regular/ Contract)	Full time or Part	Date of Leaving
			Degree (highest degree)	University	attaining higher								
1.	Prof. N.N. Borad		ME	SU	1995	WRM	Associate Professor	14/07/2017	1/1/2016				
2.	Dr. R.M.Jain	ABZPJ6808R	Ph.D.	IIT R	2008	WRM	Professor	1/10/2020	30/12/2015	Y	Regular	NA	NA
3.	Prof. V.J. Chitaria	AAPPC6176L	ME	GU	2010	Trans. Engg.	Associate Professor	12/7/2017	25/09/2012	Y	Regular	NA	NA
4.	Prof. R.N. Shukla	AERPS0345F	Ph.D	GTU	2024	Trans. Engg.	Associate Professor	28/05/2015	25/09/2012	Y	Regular	NA	NA
5.	Prof. N.J. Dalal	AIJPG6958N	Ph.D	GTU	2022	WRM	Associate Professor	11/3/2016	28/09/2012	Y	Regular	NA	NA
6.	Prof. R.M. Jadav	ADWPJ4350P	ME	GU	2010	WRM	Associate Professor	4/10/2013	29/09/2012	Y	Regular	NA	NA
7.	Dr. T.H.VYAS	AEJPV6709E	Ph.D	GTU	2023	Trans. Engg	Assistant Professor	12/4/2018	-	Y	Regular	NA	NA
8.	Prof. S.C. Rathod	AIOPR9703K	Ph.D	GU	2022	Trans. Engg.	Assistant Professor	29/07/2016	--	Y	Regular	NA	NA
9.	Dr. M.S. Gadhavi	AJZPG3635R	Ph.D.	MSU	2012	Geo.	Assistant Professor	28/07/2009	--	Y	Regular	NA	NA
10.	Prof. Z.R. Chhaya	AJWPC9764E	Ph.D	IIT R	2024	Structural Engg.	Assistant Professor	19/05/2011	--	Y	Regular	NA	NA
11.	Prof. J.P. Modi	ALSPM8773D	ME	MSU	2001	Env. Engg.	Assistant Professor	25/04/2011	--	Y	Regular	NA	NA
12.	Prof. P.K. Shah	BRUPS8071D	Ph.D	KADI	2024	WRM	Assistant Professor	29/04/2011	--	Y	Regular	NA	NA
13.	Prof. S.H. Kazi	BJKPK4792D	ME	MSU	2009	Geo Tech	Assistant Professor	7/7/2015	--	Y	Regular	NA	NA
14.	Prof. Z.J. Chovatia	AJQPC0822M	ME	GU	2010	WRM	Assistant Professor	18/09/2017	--	Y	Regular	NA	NA

15.	Prof. C.N. Bhavsar	DOCPS0674M	ME	MSU	2011	Env. Engg.	Assistant Professor	1/4/2017	--	Y	Regular	NA	NA
16.	Prof. P.K. Lalwani	AFOPL2920H	ME	MSU	2009	Env. Engg.	Assistant Professor	18/04/2017	--	Y	Regular	NA	NA
17.	Prof. M.M. Shaikh	DBRPS2451A	Ph.D	GTU	2021	WRM	Assistant Professor	1/4/2017	--	Y	Regular	NA	NA
18.	Prof. U.P. Nigam	AMXPN9649M	M. Tech	NIT, Surat	2014	WRM	Assistant Professor	27/12/2018	--	Y	Regular	NA	NA
19.	Prof. S.S. Dixit	BODPD1937H	M. Tech	NIT, Surat	2014	WRM	Assistant Professor	17/01/2019	--	Y	Regular	NA	NA
20.	Prof. A.M. Mirza	BSGPM0298B	ME	GTU	2015	Trans. Engg.	Assistant Professor	16/01/2019	--	Y	Regular	NA	NA
21.	Dr. G. M. Tank	AANPT3680Q	Ph.D.	NIT, Surat	2013	Earthquake Engg.	Professor	10/5/2022	9/9/2016	Y	Regular	NA	NA
22.	Prof. D. R. Tarachandani	AALPT9996R	ME	GU	1999	Structural Engg.	Associate Professor	28/05/2015	15/01/2009	Y	Regular	NA	NA
23.	Prof. M. G. Vanza	AARPV2618N	ME	GU	1999	Structural Engg.	Associate Professor	16/12/2008	16/12/2008	Y	Regular	NA	NA
24.	Prof. P. J. Mehta	ABBPM8147N	ME	GU	2007	Structural Engg.	Associate Professor	28/05/2015	2/3/2009	Y	Regular	NA	NA
25.	Prof. A. J. Shah	AOMPS5794K	ME	GU	2009	Structural Engg.	Assistant Professor	12/7/2011	--	Y	Regular	NA	NA
26.	Prof. D. H. Raval	AFEPM7260B	ME	VJTI	2012	Structural Engg.	Assistant Professor	16/10/2004	--	Y	Regular	NA	NA
27.	Prof. A. G. Hansora	ABFPH5183D	ME	GU	2010	Structural Engg.	Assistant Professor	10/12/2013	--	Y	Regular	NA	NA
28.	Prof. K. A. Parmar	AFRPK9445B	ME	GTU	2011	Structural Engg.	Assistant Professor	20/05/2016	--	Y	Regular	NA	NA
29.	Prof. U. K. Patel	AFJPP0758E	ME	GTU	2016	Geo Technical	Assistant Professor	24/05/2016	--	Y	Regular	NA	NA
30.	Dr. M. V. Shah	AYMPS8832N	Ph.D.	MSU	2013	Geo Technical	Assistant Professor	18/05/2011	--	Y	Regular	NA	NA
31.	Prof. C. D. Patel	BCEPP4870Q	ME	GU	2010	Structural Engg.	Assistant Professor	19/05/2011	--	Y	Regular	NA	NA
32.	Dr. P. I. Modi	ANBPM8029R	ME	GTU	2024	Structural Engg.	Assistant Professor	13/05/2011	--	Y	Regular	NA	NA
33.	Prof. P. H. Andharia	AHYPA4479J	ME	GU	2003	Structural Engg.	Assistant Professor	1/7/2015	--	Y	Regular	NA	NA
34.	Prof. B. R. Patel	BWPPP9411A	M. Tech	NIT, Surat	2012	Structural Engg.	Assistant Professor	31/05/2016	--	Y	Regular	NA	NA
35.	Prof. Shalini Singh	FNZPS6605A	M. Tech	NIT, Surat	2012	Geo Technical	Assistant Professor	1/8/2017	--	Y	Regular	NA	NA

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)).

Table No.C2.1: Student-faculty ratio

Environment + Civil			
Year	CAY (2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	198	198	198
UG1.C	198	198	198
UG1.D	198	198	198
UG1	594	594	594
PG1.A	104	104	104
PG1.B	104	104	104
PG1	208	208	208
DS	234	234	234

AS	568	568	568
S	802	802	802
DF	9	10	10
AF	32	30	37
F	41	40	47
FF	0	0	0
SFR	19.56	20.05	17.06
Average SFR for 3years (2025-26,2024-25,2023-24)			18.89

C 3: 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	FQI= $2.5 * [(10X + 4Y)/RF]$
CAY	14	27	40	15.46
CAYm1	12	28	40	19.14
CAYm2	11	36	40	17.70

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 Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
CAY	4	3	12	9	27	29
CAYm1	4	3	12	7	27	30
CAYm2	4	3	12	10	27	34
Average Numbers	RF1=	AF1=	RF2=	AF2=	RF3=	AF3=

C5: Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

S.N.	Name of t	Designation	Name of the Course	No. of hours handled
CAYm1				
1	NA			
..				
Total no. of hours:				
CAYm2				
1	NA			
..				
Total no. of hours:				
CAYm3				
1	NA			
..				
Total no. of hours:				

C6: Academic Research**Table No. C6.1:** Faculty publication details.

S.N.	Item	CAYm1	CAYm2	CAYm3
1	No. of peer reviewed journal papers published	07	04	01
2	No. of peer reviewed conference papers published	00	00	00
3	No. of books/book chapters published	00	00	00

C7: Sponsored Research Project**Table No. C7.1:** List of sponsored research projects received from external agencies

Sr No	PI Name	Co-PI Names If any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
CAYm1: Year 2024-25							
NIL							
CAYm2: Year 2023-24							
NIL							
CAYm3: Year 2022-23							
1	Prof. Amruta S. Kuhikar	Prof. Vishwa Shah	Environmental Engineering Department	Treatment of Dye and Dye intermediate Common Effluent Treatment Plant (CETP)	Research Promotion Scheme Minor Research Project (RPS-MRP) by Gujarat technological University	1 year	0.3

C8: Consultancy Work

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

Sr No	PI Name	Co PI (If any)	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
Year 2025-26							
1	Environmental Engineering Dept	Prof Dr G H Ban	BEIL Infrastructure Ltd	Environmental Audit	Industry	01/04/2025 to 31/03/2026	1.01
2			Matangi Industries LLP	Environmental Audit	Industry	01/04/2025 to 31/03/2026	1.11
3			Balaram Cements Ltd	Environmental Audit	Industry	01/04/2025 to 31/03/2026	0.25
4			M S Enviro Consultants	Impact of Gypsum Sludge utilization for bund preparation	Consultant	15/10/2025	2.5
Amount Received							4.87
Year 2024-25							
1	Environmental Engineering Dept	Prof Dr G H Ban	Alapchem Industries	Environmental Audit	Industry	01/04/2024 to 31/03/2025	0.25
2			Umiya Enviro Project LLP	Environmental Audit	Industry	01/04/2024 to 31/03/2025	0.25
3			Bhagwati Industries	Environmental Audit	Industry	01/04/2024 to 31/03/2025	0.46
4			Pollucare Biomedical Management Pvt Ltd	Environmental Audit	Industry	01/04/2024 to 31/03/2025	0.39
Amount Received							1.35
Year 2023-24							
1	E n g	Prof Dr G	Ramdev Chemical Industries (Dahej)	Environmental Audit	Industry	01/04/2023 to 31/03/2024	2.01

2		H Ban	Chhatral Environment Management System Pvt Ltd	Environmental Audit	Industry	01/04/2023 to 31/03/2024	0.25
3			Care BMW Incinerator	Environmental Audit	Industry	01/04/2023 to 31/03/2024	0.39
4			TATA Chemicals (Mithapur)	Environment Management System	Industry	03/02/2024 to 27/06/2024	5
Amount Received							7.65
Year 2022-23							
1	Environmental Engineering	Prof Dr G H Ban	Cadila Pharmaceuticals Pvt Ltd	Environmental Audit	Industry	01/04/2022 to 31/03/2023	1.47
2			CARE BMW Incinerator	Environmental Audit	Industry	01/04/2022 to 31/03/2023	0.38
3			The Green Environmental Services Co-op Society Ltd (CETP)	Environmental Audit	Industry	01/04/2022 to 31/03/2023	0.87
Amount Received							2.72
Amount Received (2022-23, 2023-24, 2024-25, and 2025-26)							16.59
Total amount (Lacs) received for the past 3 years							11.72
Total amount (Lacs) received for the past 3 years							6.44

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

Sr. No.	Faculty Name	Project Title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
CAYm1: 2024 - 25						
NIL						
CAYm2: 2023-24						
NIL						
			CAYm3			
1	Prof A S Kuhikar and Prof V V Shah	Treatment of Dye and Dye intermediate Common Effluent Treatment Plant (CETP)	1 year	0.3	0.19	Presented a paper at International Conference on Environmental Sciences and Technology, SVNIT year 2024-25. COD reduction in photo-Fenton process was more as compare to Fenton process and UV irradiation. Sludge generation in photo-Fenton process was less as compare to Fenton process.
Total amount (Lacs) received for the past 3 years					0.30	

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

S. N .	Name of the Laboratory	No. of students per setup	Name of the major equipment	Weekly utilization status	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1.	Environmental Chemistry-I/ Fundamentals of water Quality	20 Students in Batch	1. Hot Air Oven 2. pH meter, 3. Magnetic stirrer, 4. Weigh balance, 5. Distillation assembly, 6. Conductivity Meter, 7. TDS meter, 8. Turbidity Meter	4	NA	NA	NA
2	Unit Operations & Processes in Chemical Industries	20 Students in Batch	1. Magnetic stirrer, 2. Weigh balance, 3. Distillation assembly, 4. Tri-meter, 5. Hot air oven	2	NA	NA	NA
3	Environmental Microbiology and Bioremediation	20 Students in Batch	1. Microscope, 2. Incubator, 3. Autoclave, 4. Weight Balance, 5. Laminar Air Flow, 6. Colony Counter, 7. Centrifuge	2	NA	NA	NA
4	Hydraulics laboratory	20 Students in Batch	1. Venturi meter and Orifice meter 2. Viscometer 3. Reynold's apparatus 4. V-notch and Rectangular Notch	2	NA	NA	NA

5	Fundamentals of Wastewater Quality	20 Students in Batch	1. COD Soxhlet apparatus with reflux tubes 2. BOD incubator 3. Balance 4. Magnetic stirrer 5. Hot air oven 6. Aerator 7. Distillation assembly, 8. Ceramic heating mantle	2	NA	NA	NA
6	Municipal & Industrial Solid Waste Management	20 Students in Batch	1. Weighing balance, 2. Hot air oven, 3. Sieve sets	2	NA	NA	NA
7	Municipal Engineering	20 Students in Batch	1. Hot Air Oven, 2. pH meter, 3. Magnetic stirrer, 4. Weigh balance, 5. Distillation assembly	2	NA	NA	NA
8	Advance Environmental Instrumentation	20 Students in Batch	1. UV-Visible spectrophotometer 2. Turbidity meter 3. Conductivity Meter	2	NA	NA	NA
9	Physico-chemical Treatment Technology	20 Students in Batch	1. Jar Test Apparatus., 2. pH meter, 3. Distillation assembly	2	NA	NA	NA
10	Fundamentals of Air Pollution	20 Students in Batch	1. High volume air sampler, 2. Stack monitoring kit, 3. Anemometer, 4. Thermal Gun, 5. Exhaust gas analyzer	2	NA	NA	NA
11	Biological Processes for Wastewater Treatment	20 Students in Batch	1. COD digestion apparatus, 2. BOD incubator , 3. Weigh	2	NA	NA	NA

			Balance				
12	Industrial Wastewater Pollution and Control	20 Students in Batch	1. Hot Air Oven, 2. pH meter, 3. magnetic stirrer, 4. weigh balance, 5. distillation assembly, 6. COD soxhlet apparatus with reflux tubes 7. BOD incubator 8. Balance 9. Magnetic stirrer 10. Hot air oven 11. Aerator , 12. Distillation assembly, 13. Ceramic heating mantle	2	NA	NA	NA
13	Design of Air Pollution Control Equipment	20 Students in Batch	Models of 1. Cyclone Separator, 2. Multicyclone 3. Scrubber	2	NA	NA	NA
14	Advanced Wastewater Treatment Technologies	20 Students in Batch	1. COD soxhlet Digester, 2. Jar test apparatus, 3. Hot air oven	2	NA	NA	NA
15	Environmental Impact Assessment	20 Students in Batch	Case Studies from the EIA reports	2	NA	NA	NA
16	Cleaner Production and Waste Utilization	20 Students in Batch	1. Model of heat exchanger, 2. Case Studies related to cleaner production	2	NA	NA	NA
17	Wastewater Engineering	20 Students in Batch	Model and Drawing Sheets	2	NA	NA	NA
18	Chemistry	20 Students in Batch	1. pH meter, 2. Conductivity Meter, 3. Hot air Oven, 4. Muffle furnace	2	NA	NA	NA

D2: `Safety Measures in Laboratories

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

S.N.	Name of the Laboratory	Safety measures
1.	Water and Wastewater Laboratory	• Fire hydrant systems with hose pipe • Fire Extinguisher • Fire sprinkler • Fire alarm system • Smoke Detectors • First aid Kit • Eye washer • Mandatory use of PPE (lab coat, gloves, goggles, whenever required). • MSDS (Material Safety Data Sheets) available for all chemicals. • Standard Operating Procedures (SOPs)
2.	Air Pollution Laboratory	• Fire hydrant systems with hose pipe • Fire Extinguisher • Fire alarm system • Smoke Detectors • First aid Kit • Standard Operating Procedures (SOPs)
3.	Advanced Environmental Instrumentation Laboratory	• Fire hydrant systems with hose pipe • Fire sprinkler • Fire Extinguisher • Fire alarm system • Smoke Detectors • First aid Kit • Eye washer • Mandatory use of PPE (lab coat, gloves, goggles, whenever required). • MSDS (Material Safety Data Sheets) available for all chemicals. • Standard Operating Procedures (SOPs)
4.	Microbiology Laboratory	• Fire hydrant systems with hose pipe • Fire sprinkler • Fire Extinguisher • Fire alarm system • Smoke Detectors • First aid Kit • Eye washer • Mandatory use of PPE (lab coat, gloves, goggles, whenever required). • MSDS (Material Safety Data Sheets) available for all chemicals. • Standard Operating Procedures (SOPs)
5.	Research Laboratory	• Fire hydrant systems with hose pipe • Fire sprinkler • Fire Extinguisher • Fire alarm system • Smoke Detectors • First aid Kit

		• Eye washer • Mandatory use of PPE (lab coat, gloves, goggles, whenever required). • MSDS (Material Safety Data Sheets) available for all chemicals. • Standard Operating Procedures (SOPs)
6.	Computer Center	• Fire hydrant systems with hose pipe • Fire alarm system • Smoke Detectors • First aid Kit

D3: Project Laboratory/Research Laboratory

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

S.N.	Name of the Laboratory
1.	Project laboratory/research laboratory: The Project Laboratory/Research Laboratory serves as an integrated academic and research facility that supports project-based learning, advanced research, consultancy services, innovation, and industry collaboration.

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= $\frac{\text{No. of faculty members} ((\text{NS1} \times 0.8) + (\text{NS2} \times 0.2))}{\text{No. of required faculty (RF4)}};$ $\text{Percentage} = ((\text{NS1} \times 0.8) + (\text{NS2} \times 0.2)) / \text{RF4}$
CAY	1350	68	23	123	$\frac{(23 \times 0.8 + 123 \times 0.2)}{68} \times 100 = 63.24$
CAYm1	1350	68	20	126	$\frac{(20 \times 0.8 + 126 \times 0.2)}{68} \times 100 = 60.59$
CAYm2	1350	68	22	108	$\frac{(22 \times 0.8 + 108 \times 0.2)}{68} \times 100 = 57.65$
Average Percentage					60.49 (3 marks)

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

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

Items	Budgeted in CFY	Actual expenses in CFY (till ...)	Budgeted in CFYm1	Actual Expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
Infrastructure Built-Up	1418.08	1418.08	2085.54	2085.54	2317.42	2317.42	1509	1509
Library	14.82	1.61	92.42	80.01	2.86	2.09	6.61	0.16
Laboratory equipment	927.97	367.66	1634.21	153.18	808.46	99.88	263.43	37.97
Teaching and non-teaching staff salary	8358	7914	6699	6697	6716	6710	5643.24	5641.23
Outreach Programs	11.41	11.41	8.3	8.28	7.93	7.78	8.29	7.90
R&D	88.87	88.87	77.47	77.47	74.58	74.58	78.22	78.22
Training, Placement and Industry linkage	3.35	3.35	6.00	6.00	3.00	3.00	2.24	2.24
SDGs	23.32	23.32	15.11	15.11	8.44	8.44	5.66	5.66
Entrepreneurship	3.09	3.09	0.97	0.97	7.07	7.07	2.09	2.09
Others*, pl. specify	1282.24	1124.24	1368.23	1301.23	937.53	932.53	784.04	756.93
Total amount	12131.16	10955.64	11987.25	10424.79	10883.29	10162.79	8302.81	8041.39

E3: Budget Allocation, Utilization, and Public Accounting at Program Specific Level Table No. E3.1:
Budget and actual expenditure incurred at program level.

Items	Budgeted in CFY	Actual expenses in CFY (till ...)	Budgeted in CFYm1	Actual Expenses in CFYm1	Budgeted in CFYm2	Actual Expenses in CFYm2	Budgeted in CFYm3	Actual Expenses in CFYm3
Laboratory equipment	21.93	16.44	38.46	36.65	4.28	3.74	2.97	0.77
Software	2.92	2.92	0	0	0	0	0	0
SDGs	0.93	0.93	0.64	0.64	0.37	0.37	0.23	0.23
Support for faculty development	232.02	232.02	195.76	195.76	181.26	181.26	157.79	157.79
R & D	0.75	0.75	1..35	1.35	7.64	7.64	3	3
Industrial Training, Industry expert, Internship	0.02	0.02	0.03	0.03	0.13	0.13	0.1	0.1
Miscellaneous expenses *	50.96	47.74	58.1	55.25	41.43	41.21	31.88	30.78
Total amount	309.53	300.82	294.34	289.68	235.11	234.35	195.97	192.67


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