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

Program Name: Civil Engineering	**Discipline**: Engineering & Technology
Level: Undergraduate	**Tier**: 1
Application No: 11719	**Date of Submission**: 06-04-2026

A1. Name of the Institute: Vellore Institute of Technology	
Year of Establishment: 1984	Location of the Institute: Vellore
A2. Institute Address: Katpadi – Tiruvalam Road, Vellore - 632014	
City: Vellore	State: Tamil Nadu
Pin Code:632014	Website: www.vit.ac.in
Email: iis@vit.ac.in	Phone No (with STD Code):0416-2202030
A3. Name and Address of the Affiliating University (if any):	
Name of the University: Not Applicable	City:
State:	Pin Code: 0
A4. Type of the Institution: Deemed University	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **26**
- No. of PG programs: **33**

Sr. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Architecture	UG	Architecture	2015	--	Architecture
2	Architecture	PG	Architecture	2023	--	Architecture
3	Computer Application	PG	Masters in computer Applications	1994	--	Computer Science and Engineering
4	Engineering & Technology	PG	Applied Computational Fluid Dynamics	2022	--	Mechanical Engineering

Sr. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
5	Engineering & Technology	PG	Artificial Intelligence and Machine Learning	2025	--	Computer Science and Engineering
6	Engineering & Technology	PG	Automotive Electronics	2006	--	Electronics Engineering
7	Engineering & Technology	PG	Automotive Engineering	2004	2024	Mechanical Engineering
8	Engineering & Technology	PG	Biomedical Engineering	2003	--	Electronics Engineering
9	Engineering & Technology	PG	Biotechnology	2003	--	Biotechnology
10	Engineering & Technology	UG	Biotechnology	2001	--	Biotechnology
11	Engineering & Technology	PG	CAD/CAM	1999	--	Mechanical Engineering
12	Engineering & Technology	UG	Chemical Engineering	1994	--	Chemical Engineering
13	Engineering & Technology	UG	Civil Engineering	1984	--	Civil Engineering
14	Engineering & Technology	PG	Communication Engineering	2003	2023	Electronics Engineering
15	Engineering & Technology	PG	Computer Science & Engineering (Information Security)	2016	2025	Computer Science and Engineering
16	Engineering & Technology	PG	Computer Science & Engineering (Integrated)	2019	--	Computer Science and Engineering
17	Engineering & Technology	UG	Computer Science and Business System	2019	--	Computer Science and Engineering
18	Engineering & Technology	UG	Computer Science and Engineering	1993	--	Computer Science and Engineering
19	Engineering & Technology	PG	Computer Science and Engineering	1999	--	Computer Science and Engineering
20	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2023	--	Computer Science and Engineering

Sr. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
21	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence and Data Engineering)	2024	--	Computer Science and Information Technology
22	Engineering & Technology	PG	Computer Science and Engineering (Artificial Intelligence and Machine Learning)	2019	--	Computer Science and Engineering
23	Engineering & Technology	PG	Computer Science and Engineering (Big Data Analytics)	2016	2025	Computer Science and Engineering
24	Engineering & Technology	UG	Computer Science and Engineering (Bioinformatics)	2002	--	Computer Science and Engineering
25	Engineering & Technology	UG	Computer Science and Engineering (Block Chain Technology)	2019	2025	Computer Science and Engineering
26	Engineering & Technology	PG	Computer Science and Engineering (Cyber Security)	2025	--	Computer Science and Engineering
27	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2024	--	Computer Science and Information Technology
28	Engineering & Technology	PG	Computer Science and Engineering (Data Science)	2019	--	Computer Science and Engineering
29	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2019	--	Computer Science and Engineering
30	Engineering & Technology	UG	Computer Science and Engineering (Information Security)	2016	2025	Computer Science and Engineering
31	Engineering & Technology	UG	Computer Science and Engineering (Internet of Things)	2019	2025	Computer Science and Engineering
32	Engineering & Technology	PG	Construction Technology and Management	2018	--	Civil Engineering
33	Engineering & Technology	PG	Control and Automation	2013	--	Electrical Engineering

Sr. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
34	Engineering & Technology	UG	Electrical & Electronics Engineering	1994	--	Electrical Engineering
35	Engineering & Technology	UG	Electrical and Computer Science Engineering	2023	--	Electrical Engineering
36	Engineering & Technology	UG	Electronics & Communication Engineering	1984	--	Electronics Engineering
37	Engineering & Technology	UG	Electronics & Instrumentation Engineering	1999	--	Electrical Engineering
38	Engineering & Technology	UG	Electronics and Communication Engineering (Biomedical Engineering)	2018	--	Electronics Engineering
39	Engineering & Technology	PG	Electronics and Communication Engineering (Intelligent Communication Systems)	2023	--	Electronics Engineering
40	Engineering & Technology	UG	Electronics Engineering (VLSI Design and Technology)	2023	--	Electronics Engineering
41	Engineering & Technology	PG	Embedded Systems	2013	--	Electronics Engineering
42	Engineering & Technology	UG	Health Sciences and Technology	2024	--	Health Science and Water Engineering
43	Engineering & Technology	UG	Information Technology	1998	--	Computer Science and Information Technology
44	Engineering & Technology	PG	Internet of Things and Sensor Systems	2019	2025	Electronics Engineering
45	Engineering & Technology	PG	Manufacturing Engineering	2010	2025	Mechanical Engineering
46	Engineering & Technology	UG	Mechanical Engineering	1984	--	Mechanical Engineering
47	Engineering & Technology	UG	Mechanical Engineering (Automotive	2010	2024	Mechanical Engineering

Sr. No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
			Engineering)			
48	Engineering & Technology	PG	Mechanical Engineering (Cyber Physical Systems)	2019	2023	Mechanical Engineering
49	Engineering & Technology	UG	Mechanical Engineering (Electric Vehicles)	2024	--	Mechanical Engineering
50	Engineering & Technology	UG	Mechanical Engineering (Manufacturing Engineering)	2021	2025	Mechanical Engineering
51	Engineering & Technology	PG	Mechatronics	2001	--	Mechanical Engineering
52	Engineering & Technology	PG	Nanotechnology	2006	2023	Electronics Engineering
53	Engineering & Technology	PG	Power Electronics & Drives	2001	--	Electrical Engineering
54	Engineering & Technology	PG	Smart Manufacturing	2025	--	Mechanical Engineering
55	Engineering & Technology	PG	Smart Mobility	2024	--	Mechanical Engineering
56	Engineering & Technology	PG	Software Engineering	2001	--	Computer Science and Information Technology
57	Engineering & Technology	PG	Structural Engineering	2006	--	Civil Engineering
58	Engineering & Technology	PG	VLSI Design	2003	--	Electronics Engineering
59	Management	PG	Master of Business Administration	1994	--	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
Biotechnology	No	Biotechnology	UG
Civil Engineering	No	Civil Engineering	UG

Electronics and Communication Engineering	Yes	ELECTRONICS AND COMMUNICATION 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.

S. N.	Program Name	Program Applied Level	Year of start	Sanctioned Intake	Increase / decrease in intake, if any	Year of increase / decrease	Current Intake	Year of AICTE Approval	AICTE Approval Details	Accreditation Status*	From	To	No. of times program accredited	Programme Duration
1	Civil Engineering	UG	1984	180	Yes	2023	120	2023	F. No. Southern 44639321669/2025/EOA/Corrigendum-1	Granted Accreditation for 5 years for the period (specify period)	1998	2014	2	4

Sanctioned Intake for Last Five Years for the Civil Engineering	
Academic Year	**Sanctioned Intake**
2025-26	120
2024-25	120
2023-24	120
2022-23	180
2021-22	180
2020-21	180

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

A. Name of the HoD:	Dr. Saravana Kumar M P
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)	120	120	120	180	180	180	180
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	116	143	80	106	225	98	174
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	0	0	0	0	0	0
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.	116	143	80	106	225	98	174

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)	120	116	0	0.96
2024-25 (CAYm1)	120	143	0	1.19
2023-24 (CAYm2)	120	80	0	0.67

Average [ER1 + ER2 + ER3) / 3] = 0.94

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).	219	180	180
B=No. of students who graduated from the program in the stipulated course duration	184	87	160
Success Rate (SR)= (B/A) * 100	84.02	48.33	88.89

Average SR of three batches (SR_1+ SR_2+ SR_3)/3): **73.75**

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 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2nd year/10)	7.56	7.55	7.15
Y=Total no. of successful students	143	80	106
Z=Total no. of students appeared in the examination	143	80	106

API [X * (Y/Z)]	7.46	7.55	7.15

Average API [AP1 + AP2 + AP3)/3] : **7.42**

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

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

Academic Performance	CAYm1 (2024-25)	CAYm2 (2023-24)	CAYm3 (2022-23)
X= (Mean of 2nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2nd year/10)	7.13	7.56	7.06
Y=Total no. of successful students	79	104	220
Z=Total no. of students appeared in the examination	79	106	220
API [X * (Y/Z)]	7.04	7.42	7

Average API [AP1 + AP2 + AP3)/3] : **7.15**

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)	7.97	7.35	7.9
Y=Total no. of successful students	103	219	93
Z=Total no. of students appeared in the examination	103	219	93
API [X*(Y/Z)]:	7.97	7.35	7.9

Average API [AP1 + AP2 + AP3)/3]: 7.74

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	219	180	180

X= No. of students placed	65	32	75
Y= No. of students admitted to higher studies	51	32	51
Z= No. of students taking up entrepreneurship	5	4	7
Placement Index(P) = (X + Y + Z)/FS) * 100):	55.25	37.77	73.88

Average Placement Index = (P_1 + P_2 + P_3)/3: 55.63 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

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

Sl. No.	Emp. ID	Name of the Faculty Member	PAN No.	APAAR faculty ID*(if any)	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute (as on 6 April 2026)	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/Adhoc)	If contractual mention Full time or Part time or hourly based	Currently Associated (Y/N)	Date of Leaving if any (In case Currently Associated is "No")
1	10021	Dr.Porchelvan P	AKQPP1960L		Ph.D.,	Annamalai University	Environmental Engineering	04-10-1985	41	Lecturer	Professor	01-07-2006	Regular		Yes	
2	10138	Dr.Sekar S K	ALJPS3576M	132805275502	Ph.D.,	Anna University	Structural Engineering	22-05-1997	28.1	Lecturer	Professor	01-09-2007	Regular		Yes	
3	10534	Dr.Saravana Kumar M P	BKLPS1718K	526311569295	Ph.D.,	VIT	Environmental Engineering	28-06-2004	21.9	Lecturer	Professor	01-07-2022	Regular		Yes	
4	10831	Dr.Uma Shankar M	ALWPM9835C	971981246866	Ph.D.,	VIT	Water Resources Engineering	29-04-2006	19.11	Lecturer	Professor	01-07-2022	Regular		Yes	
5	10878	Dr.Mohan Ganesh G	AJAPG3055A	293811888944	Ph.D.,	IIT Roorkee	Structural Engineering	26-05-2006	19.1	Lecturer	Professor	01-09-2010	Regular		Yes	
6	10879	Dr.Santhi A.S	BBUPS1248C		Ph.D.,	IIT Roorkee	Structural Engineering	26-05-2006	19.2	Assistant Professor	Professor	01-01-2009	Regular		No	31-07-2025
7	11049	Dr.Muthukumar M	ARPPM1343N	569425716458	Ph.D.,	VIT	Geotechnical Engineering	11-12-2006	19.3	Lecturer	Professor	01-07-2022	Regular		Yes	
8	11162	Dr.Sofi A	BNXPS0553B	403632227400	Ph.D.,	VIT	Structural Engineering	28-05-2007	18.1	Lecturer	Professor	01-07-2022	Regular		Yes	
9	11325	Dr.Vaani N	AESPV2642B	936027442304	Ph.D.,	VIT	Environmental Engineering	14-12-2007	18.3	Lecturer	Assistant Professor		Regular		Yes	

10	11345	Dr.Ganapathy G P	APXPG7279M		Ph.D.,	Anna University	Geotechnical Engineering	18-10-2007	18.5	Lecturer	Professor	01-07-2018	Regular		Yes	
11	11421	Dr.Rama Mohan Rao P	AGUPR6150N	130137574364	Ph.D.,	JNTU Anatapur	Structural Engineering	06-02-2008	18.2	Lecturer	Professor	01-07-2020	Regular		Yes	
12	11467	Dr.Suganya OM	CALPS1189R	844129696747	Ph.D.,	VIT	Structural Engineering	05-05-2008	17.1	Lecturer	Associate Professor	27.05.2021	Regular		Yes	
13	11569	Dr. Amit B Mahindrakar	AOZPM5136L	735162414317	Ph.D.,	IIT Bombay	Environmental Engineering	10-06-2008	17.9	Assistant Professor	Professor	01.09.2012	Regular		Yes	
14	11901	Dr.Jagadeesh P	AHDPP2665G	565137205691	Ph.D.,	IIT Madras`	Fluid Mechanics	11-05-2009	16.1	Associate Professor	Professor	01-01-2011	Regular		Yes	
15	12217	Dr.Shantha Kumar S	AOBPK1526Q	510432307066	Ph.D.,	IIT Bombay	Environmental Engineering	07-12-2009	16.3	Associate Professor	Professor	01-07-2017	Regular		Yes	
16	12433	Dr.Chandrasekaran S S	AEEPC9276Q		Ph.D.,	IIT Madras	Geotechnical Engineering	02-06-2010	15.9	Associate Professor	Professor	01-07-2017	Regular		Yes	
17	13396	Dr.Bala Murugan S	ARLPB6078R	798201385696	Ph.D.,	VIT	Construction Engineering	16-07-2012	13.8	Assistant Professor	Associate Professor	01-07-2020	Regular		Yes	
18	13581	Dr.Srimuruganandam B	EJRPS3580P	729476449752	Ph.D.,	IIT Madras	Environmental Engineering	20-12-2012	13.3	Associate Professor	Professor	01-07-2020	Regular		Yes	
19	13602	Dr.Bhaskar Das	AYHPD4266C		Ph.D.,	Jadavpur University	Environmental Engineering	07-01-2013	11.9	Associate Professor	Professor	01-07-2020	Regular		No	18-10-2024
20	13609	Dr.Hareesh M	ASKPM6121A	598633357344	Ph.D.,	VIT	Structural Engineering	18-01-2013	13.2	Assistant Professor	Assistant Professor	18-01-2013	Regular		Yes	
21	13668	Dr.Dillip Kumar Barik	BJIPB1083Q	808895013857	Ph.D.,	IIT Roorkee	Water resources Engineering	22-04-2013	12.11	Associate Professor	Professor	01-07-2020	Regular		Yes	
22	13676	Dr.Vasantha Kumar. S	AGGPV2074D	193649723285	Ph.D.,	IIT Madras	Transportation Engineering	06-05-2013	12.11	Asst. Professor	Professor	01-07-2020	Regular		Yes	
23	13765	Dr.Abdul Rahim	AJOPA7314C	260016383244	Ph.D.,	IIT Roorkee	Structural Engineering	16-09-2013	12.6	Asst. Professor	Professor	02-01-2023	Regular		Yes	
24	13975	Dr.Visuvasam J	AHFPV0369K	655118728023	Ph.D.,	VIT	Structural Engineering	10-01-2014	12.2	Assistant Professor	Assistant Professor	10-01-2014	Regular		Yes	
25	14464	Ms.Malathy J	CTMPM6060P		M.Tech,	Anna University	Geotechnical Engineering	06-01-2015	8.1	Assistant Professor	Assistant Professor	06-01-2015	Regular		No	30-11-2023
26	14473	Dr.Meena T	AMDPM8926E	357603477451	Ph.D.,	Anna University	Structural Engineering	05-06-2015	10.1	Associate Professor	Associate Professor	05-06-2015	Regular		Yes	
27	14474	Dr.Viswanathan T.S	ADVPV6599B	393420993267	Ph.D.,	VIT	Structural Engineering	08-06-2015	10.9	Assistant Professor	Associate Professor	10-08-2015	Regular		Yes	
28	14491	Mr.John Sushil Packiaraj	AVEPP2157J	347982186398	M.E	Annamalai University	Construction Engineering	19-06-2015	10.9	Assistant Professor	Assistant Professor	19-06-2015	Regular		Yes	
29	14791	Dr.Parimala Renganayaki S	GUIPS7653M	379716780159	Ph.D.,	Anna University	Water Resources Engineering	30-05-2016	9.1	Assistant Professor	Professor	01-07-2024	Regular		Yes	
30	14839	Dr.Thirumalini S	AGSPT8745R	543388102495	Ph.D.,	VIT	Structural Engineering	02-06-2016	9.1	Associate Professor	Professor	01-07-2022	Regular		Yes	
31	15252	Dr.Shanmuga Priya T	CGIPS6143L	715407179623	Ph.D.,	Anna University	Construction Engineering	02-05-2017	8.11	Associate Professor	Professor	01-07-2024	Regular		Yes	

32	15276	Dr.Punitha Kumar A	AXWPP4106B	338861866312	Ph.D.,	Anna University	Structural Engineering	02-05-2017	8.11	Asst. Prof.	Associate Professor	01.07.2022	Regular		Yes	
33	15291	Dr.Sasanka Bhushan P	AJWPP0608A	370877250719	Ph.D.,	University of Texas, USA	Transportation Engineering	02-05-2017	8.1	Associate Professor	Associate Professor	02-05-2017	Regular		Yes	
34	15377	Dr.Senthil Kumar N	AELPN7450C	798751396930	Ph.D.,	IIT Madras	Structural Engineering	31-05-2017	8.1	Associate Professor	Associate Professor	31-05-2017	Regular		Yes	
35	15782	Dr.Velvizhi G	BAMPG6947F		Ph.D.,	Jawaharlal Nehru Technological University	Environmental Engineering	02-05-2018	7.11	Associate Professor	Professor	01-07-2025	Regular		Yes	
36	15880	Dr.Jayaprakash J	BSUPJ9140D	563776411757	Ph.D.,	Universiti Putra Malaysia	Structural Engineering	05-07-2018	7.9	Professor	Professor	05-07-2018	Regular		Yes	
37	16181	Dr.Divya Priya B	AZCPP0336K		Ph.D.,	IIT Madras	Geotechnical Engineering	02-05-2019	4	Assistant Professor	Assistant Professor	02-05-2019	Regular		No	16-05-2023
38	16201	Dr.Prasanna Venkatesan R	BCLPP3743D	868221759403	Ph.D.,	Anna University	Construction Engineering	10-05-2019	6.1	Assistant Professor	Associate Professor	01-07-2023	Regular		Yes	
39	16337	Dr.Mahenthiran S	CPZPM4372R	266130029164	Ph.D.,	Anna University	Water Resources Engineering	22-05-2019	6.10	Assistant Professor	Associate Professor	01-07-2024	Regular		Yes	
40	16373	Dr. Vignesh Rajkumar L	AKPPV5286J	790671450858	Ph.D.,	Anna University	Water Resources Engineering	17-06-2019	6.9	Assistant Professor	Assistant Professor	17-06-2019	Regular		Yes	
41	18821	Dr. Surendar M	CYHPS1356Q	735623050412	Ph.D.,	IIT Bombay	Water Resources Engineering	02-05-2022	3.11	Associate Professor	Associate Professor	02-05-2022	Regular		Yes	
42	18822	Dr. Arunava Ray	AWNPR5981J	821859747473	Ph.D.,	IIT BHU Varanasi	Geotechnical Engineering	02-05-2022	3.11	Assistant Professor	Assistant Professor	02-05-2022	Regular		Yes	
43	19009	Dr. Konala S K Karthik Reddy	BYQPK0792Q	481245603958	Ph.D.,	IIT-Hyderabad	Structural Engineering	25-07-2022	3.8	Assistant Professor	Assistant Professor	25-07-2022	Regular		Yes	
44	19033	Ms. Aiswarya S	ATCPA1245J		M.Tech,	MG University Kerala	Structural Engineering	25-07-2022	1.1	Assistant Professor	Assistant Professor	25-07-2022	Contract	FT	No	30-05-2024
45	19035	Dr. Ankit Bhardwaj	AQHPB6948B		Ph.D.,	IIT Delhi	Structural Engineering	26-07-2022	1.6	Assistant Professor	Assistant Professor	26-07-2022	Regular		No	29-01-2024
46	19043	Dr. Venkadavarahan M	BKNPV8075N	654478510990	Ph.D.,	NIT-Trichy	Transportation Engineering	28-07-2022	2.4	Assistant Professor	Assistant Professor	28-07-2022	Regular		No	13-12-2024
47	20090	Dr. Prasanth S	CTRPP3530L	279168679288	Ph.D.,	NIT Allahabad	Structural Engineering	17-03-2023	3	Assistant Professor	Assistant Professor	17-03-2023	Regular		Yes	
48	20133	Dr. Priyadharshini B	FAFPP5699G	393319582729	Ph.D.,	IIT Kharagpur	Environmental Engineering	03-05-2023	2.1	Assistant Professor	Assistant Professor	03-05-2023	Regular		Yes	
49	21240	Dr. Monali Priyadarshini	DAAPP7177Q		Ph.D.,	IIT Kharagpur	Environmental Engineering	05-06-2024	1.9	Assistant Professor	Assistant Professor	05-06-2024	Regular		Yes	

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	120	120	180
UG1.C	120	180	180
UG1.D	180	180	180
UG1: Civil Engineering	**420**	**480**	**540**
PG1.A	18	18	18
PG1.B	18	18	18
PG1: Construction Technology and Management	**36**	**36**	**36**
PG2.A	18	18	18
PG2.B	18	18	18
PG2: Structural Engineering	**36**	**36**	**36**
DS=Total no. of students in all UG and PG programs in the Department	552	624	717
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=** 552	**S2=** 624	**S3=** 717

DF=Total no. of faculty members in the Department	42	43	45
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=** 42	**F2=** 43	**F3=** 45
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= 13.14**	**SFR2= 14.51**	**SFR3= 15.93**
Average SFR for 3 years	**SFR= 14.53**		

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 document: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF)]
2025-26(CAY)	41	1	27	38.33
2024-25(CAYm1)	41	2	31	33.71
2023-24(CAYm2)	43	2	35	31.29

Average assessment: **34.44**

C.4 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.

	Professors		Associate Professors		Assistant Professors	
Year	Required Faculty (RF1)	Available Faculty (AF1)	Required Faculty (RF2)	Available Faculty (AF2)	Required Faculty (RF3)	Available Faculty (AF3)
CAY (2025-2026)	3	22	6	10	18	10
CAYm1 (2024-2025)	3	22	6	11	20	10
CAYm2 (2023-2024)	3	21	7	12	23	12
Average Numbers	3	21.67	6.33	11	20.33	10.67

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.

CAY m1 (2024-2025)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Ruben Paul Borg	Professor	University of Malta, Italy	Construction Practices and Management	60
2	Dr. Cecile Grosbois	Professor	University of Tours, France	Water Resources Management	52
3	Dr. Sebastein Salvador	Associate Professor	University of Tours, France	Water Resources Management	52
4	Dr. Komali Kantamaneni	Senior Research Fellow	University of Central Lancashire, UK	Natural Disaster Mitigation and Management	64
				Total Hours	228

CAYm2 (2023-2024)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Fulvia Chiampo	Associate Professor	Politechnico di Torina, Italy	Waste Management	60
2	Dr. Komali Kantamaneni	Senior Research Fellow	University of Central Lancashire, UK	Natural Disaster Mitigation and Management	63
				Total Hours	123

CAY m3 (2022-2023)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr. Fulvia Chiampo	Associate Professor	Politechnico di Torina, Italy	Waste Management	62
				Total Hours	62

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	128	107	77
2.	No. of peer reviewed conference papers published	16	9	13
3.	No. of books/book chapters published	10	7	14

C7. Sponsored Research Project

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

(CAYm1)2024-25

S. 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. Rs.)
1.	Dr. Vasantha Kumar S	Dr. Lelitha Vanajaksh & Dr. Anilkumar Bachu	School of Civil Engineering, VIT, Vellore	Development of a Performance Evaluation Dashboard for Urban Arterials and Highways using NavIC GNSS Data	ISRO-SAC, Ahmedabad	Start Date: 01.01.2025 End Date: 01.01.2028 Duration : 3 Years	25.13
2.	Dr. Parimala Renganayaki S		School of Civil Engineering VIT, Vellore	Identification of Water Security Solutions and Climate Change Adaptation through Citizen Science and Co-Creation in Low and	The Association of Common wealth Universities - ACU	Start Date: 03.09.2024 End Date: 03.03.2025 Duration : 6 Months	12.00

				Middle-Income Countries :Case Studies from Nigeria, India and South Africa			
3.	Dr. Chandrasekaran S S	Dr. Surendar M Dr. Ganapathy G.P	Centre for Disaster Mitigation and Management, VIT, Vellore	Assessing Building Vulnerability to Multiple Hazards in Hilly Environments : An InSAR and Geotechnical Data Approach	ISRO, Bengaluru	Start Date: 25.03.2025 End Date: 25.03.2028 Duration : 3 Years	25.46
Total Amount Received (Lacs. Rs.)							**62.59**

(CAYm2) 2023-24

S. 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. Rs.)
1.	Dr. Hareesh M		School of Civil Engineering, VIT, Vellore	Development of DSM Based Design Rules for cold- formed Steel Columns Undergoing Shift of Centroid	DST-TARE	Start Date: 07.02.2024 End Date: 07.02.2027 Duration: 3 Years	18.30
2.	Dr. Bhaskar Das	Dr. Vinod Kumar Sharma	School of Civil Engineering, VIT, Vellore	Sustainable Hydrogen Production from Wastewater through Hybrid Photo-Electrochemical System and Purification through Metal Hydride Technology	DST-SERB-CRG	Start Date: 11.09.2023 End Date: 11.09.2026 Duration: 3 Years	39.06
3.	Dr. Thirumalini S	Dr. Shanmuga Priya T	CO_2 Research and Green Technologies VIT, Vellore	Impact of Particle Size on the Calcination Process and Quality of Clay	FLSmidth Private Ltd.	Strat Date: 11/4/2023 End Date: 11.04.2027 Duration: 4 Years	32.00
4.		Dr.	CO_2	Mining Tailings	FLSmidth	Strat Date:	32.00

	Dr. Thirumalini S	Shanmuga Priya T	Research and Green Technologies VIT, Vellore	as SCMs:From Calcination to Complete Integration to a Cement Plant	Private Ltd.	11/4/2023 End Date: 11.04.2027 Duration: 4 Years	
Total Amount Received (Lacs. Rs.)							**121.36**

(CAYm3) 2022-23

S.N.	PI name	Co-PI names if any	Name Dept., where Project is sanctioned	Project title *	Name of the Funding agency	Duration of the project	Amount (Lacs. Rs.)
1.	Dr. Sofi A		School of Civil Engineering, VIT, Vellore	Investigation on Utilization of Waste Tire Rubber and Recycled Concrete Fines in Concrete- A Multiscale Approach	DST-TARE	Sanction Date: 14-11-2022 End Date: 14.11.2025 Duration: 36 Months	18.30
Total Amount Received (Lacs. Rs.)							**18.30**

Total Amount (Lacs. Rs.) Received for the Past 3 Years: 202.25

C8. Consultancy Work

(CAYm1) 2024-25

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

S. No	PI Name	Co- P I Names	Name Of the Dept., Where Project is Sanctioned	Project Title*	Name of the Funding Agency	Duration of the Project	Amount (Lacs. Rs.)
1.	Dr. Mohan Ganesh G	Dr. Punitha Kumar A	School of Civil Engineering, VIT, Vellore	Condition Assessment of Fire Affected Structure	Ultramarine Pigments Ltd., Ranipet, India	2 months	2.31
2.	Dr. Punitha Kumar A	Dr. Prasanth S	School of Civil Engineering, VIT, Vellore	Structural Design of Industrial Building	Samco Metals and Alloys Pvt. Ltd., India	1 month	0.81
3.	Dr. Konala S K Karthik Reddy	Dr. Prasanth S, Dr. Visuvasam J,	School of Civil Engineering, VIT, Vellore	Commercial Complex Reinforced Assessment	The Woodbox-Carpentry Company, India	2 months	0.7

		Dr. Abdul Rahim A					
4.	Dr. Punitha Kumar A	Dr. Visuvasam J	School of Civil Engineering, VIT, Vellore	Structural Design 10.00 LL Overhead Water Tank	TWAD BOARD, India	1 month	0.59
5.	Dr. Konala S K Karthik Reddy	Dr. Visuvasam J	School of Civil Engineering, VIT, Vellore	Analysis and Design of Warehouse Design Basis Report	Land Concepts Private Ltd, India	4 months	0.53
6.	Dr. Visuvasam J	Dr. Punitha Kumar A	School of Civil Engineering, VIT, Vellore	Recommendation of Safe Bearing Capacity (SBC) for the Proposed Construction of Retaining Wall at the Riverbanks of Ponnai River	TANGEDCO, India	1 month	0.40
7.	Dr. Prasanth S	Dr. Abdul Rahim A	Centre for Disaster Mitigation and Management, VIT, Vellore	Evaluating the Integrity of Concrete of RCC Members	B&B Developers and Builders Pvt. Ltd., India	25 days	3.83
8.	Dr. Ganapathy G.P		Centre for Disaster Mitigation and Management, VIT, Vellore	Comprehensive Hydro-Geological Survey and Investigation to Arrest Water Logging Issue and to Suggest Suitable Mitigation Measures in Premises	Malladi Drugs and Pharmaceuticals Ltd, India	3 months	3.83
9.	Dr. Prasanth S	Dr. Visuvasam J, Dr. Sekar S K	Centre for Disaster Mitigation and Management, VIT, Vellore	Condition Assessment of PSC Box Girder Bridge using Various NDT Tests	Padmavathy Buildmat, India	15 days	1.53
10.	Dr. Prasanth S	Dr. Sekar S K	Centre for Disaster Mitigation and Managemen	Evaluating the Integrity of Concrete of RCC Members at AB4 Building	Elite Contractors Chennai Pvt. Ltd., India	7 days	1.04

			t, VIT, Vellore	Chennai			
11.	Dr. Prasanth S	Dr. Sekar S K	Centre for Disaster Mitigation and Management, VIT, Vellore	Condition Assessment of Roselyn Gardens Apartment Building	Roselyn Garden Apartments, India	14 days	0.59
12.	Dr. Prasanth S	Dr. Abdul Rahim A	Centre for Disaster Mitigation and Management, VIT, Vellore	Evaluating the Integrity and In-Situ Compressive Strength of Concrete in the Roof Slab of Block-A	Kalpataru Projects International Ltd, India	22 days	0.41
						Total Amount Received (Lacs. Rs.)	16.57

(CAYm2) 2023-24

S. No.	PI Name	Co- P I Names	Name Of the Dept., Where Project is Sanctioned	Project Title*	Name of the Funding Agency	Duration of the Project	Amount (Lacs. Rs.)
1.	Dr. Hareesh M		School of Civil Engineering, VIT, Vellore	Stability Assessment and Design Check for Ware House and Pilot Shop and Technical Centre	Neo Heights Builders and Promoters Pvt. Ltd., India	1 month	2.19
2.	Dr. Hareesh M		School of Civil Engineering, VIT, Vellore	Investigation on Structural Design Adequancy and Construction Practise of a G+2 Steel Structure.	Team Tech Environment Health Safety Pvt. Ltd., India	2 days	0.59
3.	Dr. Prasanth S	Dr. Abdul Rahim A, Dr. Visuvasam J	Centre For Disaster Mitigation and Management, VIT, Vellore	Condition Assessment of UCO Bank Building	The United Commercial Bank Ltd., India	17 days	2.32
4.	Dr. Prasanth S	Dr. Ramamohan Rao P	Centre for Disaster Mitigation	Evaluation Of Concrete Rafts Using	Kalpataru Projects International	21 days	0.82

			and Management, VIT, Vellore	Non-Destructive Techniques For E-Block	Ltd., India		
5.	Dr. Ramamohan Rao P	Dr. Prasanth S	Centre for Disaster Mitigation and Management, VIT, Vellore	Integrity Of Concrete Using Non-Destructive Techniques – Ultrasonic Pulse Velocity and Rebound Hammer Tests in Raft Footing	Elite Contractors Chennai Pvt. Ltd., India	15 days	0.76
6.	Dr. Ramamohan Rao P	Dr. Prasanth S	Centre for Disaster Mitigation and Management, VIT, Vellore	Integrity of Concrete Lift Zone Using Ultrasonic Pulse Velocity	Elite Contractors Chennai Pvt. Ltd., India	7 days	0.60
7.	Dr. Prasanth S	Dr. Sekar S K	Centre for Disaster Mitigation and Management, VIT, Vellore	Examining the Concrete Integrity in the Grouted and Retrofitted Regions on the E-Block Raft Footing-1	Kalpataru Projects International Ltd., India	12 days	0.47
8.	Dr. Rama Mohan Rao P	Dr. Prasanth S	Centre for Disaster Mitigation and Management, VIT, Vellore	Evaluating the Integrity of Concrete in the Shear Walls at the Lift Zone in Grouted Region through Ultrasonic Pulse Velocity Test	Elite Contractors Pvt. Ltd., India	10 days	0.3
9.	Dr. Prasanth S	Dr. Rama Mohan Rao P	Centre for Disaster Mitigation and Management, VIT, Vellore	Concrete Integrity in the Grouted Area on the Raft Footing	Kalpataru Projects International Ltd., India	10 days	0.29
10.	Dr. Rama Mohan Rao P	Dr. Prasanth S	Centre for Disaster Mitigation	Evaluation of Concrete Beams using	Kalpataru Projects International	14 days	0.10

			and Management, VIT, Vellore	Non-Destructive Techniques for PRP Phase -II C Block	Ltd., India		
11.	Dr. Shanthakumar S		Centre for Clean Environment, VIT, Vellore	Assessing the Design Adequacy of Sewage Treatment Plant (STP), Grey Water Treatment Plant (GWTP) and Effluent Treatment Plant (ETP) with a Capacity Of 260KLD 340KLD and 60KLD	Eco Services India Pvt Ltd , India	1 month 3 days	1.77
12.	Dr. Shanthakumar S		Centre for Clean Environment, VIT, Vellore	Assessing the Design Adequacy of Sewage Treatment Plant (STP) and Grey Water Treatment Plant (GWTP) with a Capacity of 350KLD and 365 KLD	Eco Services India Pvt Ltd , India	1 month 3 days	1.77
13.	Dr. Shanthakumar S		Centre for Clean Environment, VIT, Vellore	Assessing the Design Adequacy of Sewage Treatment Plants (Stps) With a Total Capacity Of 450 KLD	Eco Services India Pvt Ltd , India	1 month 3 days	1.47
14.	Dr. Shanthakumar S		Centre for Clean Environment, VIT, Vellore	Assessing the Design Adequacy of Sewage Treatment Plants (STP) and Grey Water Treatment	Eco Services India Pvt. Ltd., India	3 days	1.18

				Plant (GWTP) with a Total Capacity of 180 KLD and 260KLD			
15.	Dr. Shanthakumar S		Centre for Clean Environment, VIT, Vellore	Assessing the Design Adequacy of Sewage Treatment Plants (STP) with a Total Capacity of 1300KLD	Eco Services India Pvt. Ltd., India	1 month	1.18
16.	Dr. Thirumalini S		Centre for CO_2, VIT, Vellore	Carbon Capture	Novaday Sciences Pvt Ltd, India	3 months 3 days	1.23
17.	Dr. Thirumalini S		Centre for CO2, VIT, Vellore	Premixed Plaster Made from Jarosite	Novaday Sciences Pvt. Ltd., India	3 month	0.88
18.	Dr. Thirumalini S		Centre for CO_2, VIT, Vellore	Mineralogical Microstructure and Porosity Studies of EZY Additive Pastes	Novaday Sciences Pvt. Ltd, India	1 year 7 months	0.27
19.	Dr. Thirumalini S		Centre for CO_2, VIT, Vellore	SCMs Characterization report	ALCOLAB India LLP, India	1 month 10 days	0.23
20.	Dr. Thirumalini S		Centre for CO_2, VIT, Vellore	Mineralogical and Microstructural studies of cementitious Material	Novaday Sciences Pvt. Ltd, India	1 month	0.2
21.	Dr. Thirumalini S		Centre for CO_2, VIT, Vellore	Phase Composition	ALCOLAB India LLP, India	1 month	0.19
22.	Dr. P. Sasanka Bhushan		School of Civil Engineering, VIT, Vellore	Accident Risk Reduction Strategies at Road Sites with High Accident Risk in Ranipet District	D.V. Kiran Shruthi, I.P.S. Superintendent of Police, District Police Office, Ranipet District, Ranipet	3 months	0.59
Total Amount Received (Lacs. Rs.)							**19.40**

(CAYm3) 2022-23

S.No.	PI Name	Co- P I Names	Name Of the Dept., Where Project is Sanctioned	Project Title*	Name of the Funding Agency	Duration of the Project	Amount (Lacs. Rs.)
1.	Dr. Thirumalini S	Dr. Shanmuga Priya T	School of Civil Engineering, VIT, Vellore	Clay Sale as SCM	FL Smidth Private Limited, India	10 months	11.4
2.	Dr. Bhaskar Das	Dr. Srimuruganandam B, Dr. Saravana Kumar M P, Dr. Parimala Renganayaki S, Dr. Shantha Kumar S	School of Civil Engineering & Centre for Clean Environment, VIT, Vellore	Assessing and Promoting Low- Cost Methods for Detection of Lead in Soil to Support Identification of Contaminated Sites	Pure Earth, India	10 months 22 days	9.62
3.	Dr. Bala Murugan S		School of Civil Engineering, VIT, Vellore	Arriving the Mixture Proportion of -S BLOCK	B&B Developers and Builders Pvt. Ltd., India	2 months 16 days	1.77
4.	Dr. Bala Murugan S		School of Civil Engineering, VIT, Vellore	Arriving the Mixture Proportion for - T BLOCK	Elite Contractors, India	2 months 15 days	1.23
5.	Dr. Muthu Kumar M		School of Civil Engineering, VIT, Vellore	Preparation of DPR for Work of Formation of Bypass around Aranthagi Town	Dream Shell Construct Ion, India	3 months	1.23
6.	Dr. Divya Priya B		School of Civil Engineering, VIT, Vellore	Documentation of 117-Year-Old Law College Building	Aptsorbh Private Limited, India	2 months	0.75
7.	Dr. Bala Murugan S		School of Civil Engineering, VIT, Vellore	Arriving the Mixture Proportion For - PRP II BLOCK	Kalpataru Power Transmis Sion Ltd., India	2 months 13 days	0.53
8.	Dr. Ramamohan Rao	Dr. Prasanth S	Centre for Disaster Mitigation and	Evaluation of Concrete Footing Using Non-	Kalpataru Projects Internatio nal Ltd.,	28 days	0.82

			Management, VIT, Vellore	Destructive Techniques	India		
9.	Dr. Shanthakumar S	Dr. Ganapathy G.P	Centre for Clean Environment, VIT, Vellore	Providing Knowledge Support and Environmental Training and Awareness to Schools and Villages	Eco Services India Pvt Ltd, India	2 months	18.26
10.	Dr.Shantha Kumar S	Dr. Punitha Kumar A, Dr. Jayaprakash J	Centre for Clean Environment, VIT, Vellore	Assessing the Design Adequacy of Sewage Treatment Plant (STP) With a Capacity of 2 MLD and Structural Stability of Existing Buildings for a Township	Eco Services India Pvt. Ltd., Chennai, India	1 month	7.08
11.	Dr. Shanthakumar S		Centre for Clean Environment, VIT, Vellore	Assessing the Design Adequacy of Sewage Treatment Plants (STPs) & Grey Water Treatment Plants (Gwtps) with a Total Capacity of 550 KLD and 639 KLD	Eco Services India Pvt. Ltd., India	27 days	5.90
12.	Dr. Shanthakumar S		Centre for Clean Environment, VIT, Vellore	Assessing the Design Adequacy of Sewage Treatment Plants (Stps) & Grey Water Treatment Plants (GWTPs) with a Total	Eco Services India Pvt. Ltd., India	1 month	2.95

				Capacity of 760 KLD and 65 KLD			
13.	Dr. Thirumalini S		Centre for CO2, VIT, Vellore	Restoration of Stepwells	The Bikanoor Stepwell the Rainwater Project, India	3 months	0.64
14.	Dr. Thirumalini S		Centre for CO_2, VIT, Vellore	Material Characterization Report	Kshetra, India	8 months	2.83
15.	Dr. Thirumalini S		Centre for CO2, VIT, Vellore	Green Technology Products in Lime Clay Mortar	Novaday Sciences Pvt. Ltd., India	7 months	0.61
Total Amount Received (Lacs. Rs.)							**65.62**

Total amount (Lacs) received for the past 3 years: 101.59

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) 2024-25

Faculty Name	Project Title / Support for Activity	Duration	Amount (Lacs. Rs.)	Amount Utilized (Lacs. Rs.)	Outcomes of the Project
NA	NA	NA	0.00	0.00	NA
			Amount Received (Rs.): 0.00		

(CAYm2) 2023-24

Faculty Name	Project Title / Support for Activity	Duration	Amount (Lacs. Rs.)	Amount Utilized (Lacs. Rs.)	Outcomes of the Project
Dr. Mahenthiran S	A Comprehensive Investigation of Microplastic Abundance and Distribution Along Muttukadu Backwater Estuary	Two Years	3.75	3.32	Journal Publication and Ph.D. Student

Dr. Punitha Kumar A	Fire Analysis of Restrained Steel Columns Under Real Temperatures	Two years	3.50	2.70	Ph.D. Student
Dr. Shanmuga Priya T & Dr. Prasanna Venkatesan R	Evaluation of Corrosion Inhibition Capacity of Ternary Blended Nano Composite Coated Rebar Incorporated in Concrete	One Year	2.25	2.15	Journal Publication
Dr. OM. Suganya	Experimental Investigation of Mechanical Strength and Durability of Ultra High Strength Engineered Cementitious Composite using Glass and Marble Sludge Powder by Principle of Particle Packing Theory	Two Years	2.00	1.25	Journal Publication
Dr. Visuvasam J	Fabrication of High-Strength Ductile Precast ECC Wall Panels	One Year	3.00	0.63	In progress
Dr. Konala S K Karthik Reddy	Optimizing a 3D Printed Beam by Incorporating Fibers for Reinforcement: Parametric Design of 3d Printed Concrete Beams	One Year	2.50	2.13	Journal Publication
Dr. N. Senthil Kumar	Improved Impact Resistance in Steel Bridge Deck using Linearly Varying X-Bracing and Springs	Two Years	4.50	4.50	Patent Published
	Amount Received (Lacs. Rs.)		**21.50**		

(CAYm3) 2022-23

Faculty Name	**Project Title / Support for Activity**	**Duration**	**Amount (Lacs. Rs.)**	**Amount Utilized (Lacs. Rs.)**	**Outcomes the Project**

Dr.OM.Suganya	Light Weight Pozzolanic Paddy Straw Concrete Production by Pyrometallurgy and Property Investigation by Incorporation as Replacement of Ordinary Portland Cement	Two Years	3.63	2.50	PhD student
Dr. Thirumalini S; Dr. Hareesh M & Dr. Govardhan K	Nano Lime Synthesis and Characterization for Grouting in Heritage Structures	One Year	2.31	2.11	Journal Publication
Dr. Muthukumar M & Dr. Murugavelh S	Formulation of Prosophis Juliflora and Lpde-Based Modified Bitumen for Construction of Pavements	One Year	2.25	1.86	Journal Publication
	Amount Received (Lacs. Rs.)		**8.19**		

Total amount (Lacs. Rs.) received for the past 3 years: 29.69

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.

Sl. No.	Name of the Laboratory	No. of students per setup (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.	Strength of Materials Laboratory **(NABL Accredited laboratory)**	3	1. Digital Brinell hardness Testing Machine 2. Rockwell Hardness Testing Machine 3. Spring testing machine 4. Digital Compression Testing Machine (500 kN) 5. Universal Testing Machine 6. (1000 kN) 7. Impact testing machine 8. Digital Torsion Testing machine 9. Wooden beam testing Machine 10. Beam Deflection testing frame	38 hours	Mr. N. Bakiyaraj	Lab Assistant	B.Tech. (Civil)
2.	Geotechnical Laboratory	3	1. Direct Shear Apparatus 2. U.C.C Test Apparatus 3. CBR Test Apparatus 4. Relative density Test Apparatus 5. Vane Shear Apparatus 6. Permeability test 7. Liquid limit apparatus 8. Sieve shaker	8 hours	Mrs. M. Jayadurgadevi	Technical Officer	B.Tech (Civil)

			9. Compaction test apparatus 10. Digital cone penetrometer 11. Automatic compactor				
3.	Concrete Technology Laboratory	3	1. Digital Compression Testing Machine (2000 kN) 2. Hot air Oven 3. Concrete mixer machine (40 lit) 4. Flexural testing machine 5. Vee-Bee Consistometer 6. Vicat Apparatus 7. Hot water bath 8. Density basket 9. Pycnometer 10. Vibrating Table 11. Siever set 12. Le-chatlier Flask 13. Compaction factor apparatus 14. Slump cone 15. Flow Table	8 hours	Mr. Dinesh	Lab Assistant	B.Tech (Civil)
4.	Civil Computing Centre	1	**Hardware** 1. Desktop computers **Software** 1. Auto Desk Package 2. Bentley software package 3. Midas Gen	60 hours	Mr. P. Vasudevan	Lab Assistant	B. Tech (Civil)
5.	Advanced Strength of Materials Laboratory	3	1. Compression Testing machine (3000 kN) 2. Torsion testing machine 3. Tensile Testing Frame (500 kN) 4. Wooden beam testing Machine 5. Beam Deflection testing frame	8 hours	Mr. R. Dharmasastha	Lab Assistant	Diploma in Civil Engineering (DCE)
6.	Environmental Engineering Laboratory	3	1. Digital pH meter 2. Digital Conductivity Meter 3. Turbidity meter 4. Jar Test apparatus	8 hours	Mr. S. T. Suresh	Lab Assistant	M. Sc (Chemistry)

			5. Spectro quant thermo-reactor (COD digestor) 6. BOD apparatus 7. BOD incubator 8. Weighing Balance 9. Sound Level Meter 10. SQUAIR indoor monitor 11. Hot air oven				
7.	Fluid Machinery Laboratory	3	1. Pelton turbine 2. Francis Turbine 3. Kaplan Turbine 4. Centrifugal Pump-variable speed 5. Centrifugal Pump-Rated speed 6. Multi-stage Centrifugal Pump 7. Jet pump 8. Gear pump 9. Reciprocating Pump 10. Jet impingement on vanes 11. Submersible pump 12. Self-priming pump	8 hours	Mr. T. Suresh	Lab Technician	I.T.I.
8.	Surveying Laboratory	3	1. Theodolite 2. Dumpy level 3. Plane table 4. Prismatic Compass 5. Total Station 6. GPS Device 7. DGPS Survey Device	8 hours	Mr. C. Anandan	Lab Technician	I.T.I.
9.	Fluid Mechanics Laboratory (Shared Laboratory)	3	1. Orifice Apparatus 2. Mouthpiece Apparatus 3. Bernoulli's theorem Apparatus 4. Rectangular/ Triangular Notch 5. Venturi Meter Apparatus 6. Orifice Meter Apparatus 7. Pipe Friction Apparatus	24 hours	Mr.P Ranganathan	Lab Assistant	Diploma in Mechanical Engineering (DME)

			8. Determination of Minor Losses 9. Reynolds number Experiment 10. Pitot Tube & Water Meter				

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety measures
1.	Strength of Materials Laboratory	1. All testing machines are properly earthed. 2. MCBs are installed for protection from electrical faults. 3. Protective guards are provided on moving parts of machines. 4. Load application is done under supervision to avoid sudden failures. 5. Safety goggles and gloves are used. 6. Clear marking of safe operating zones around machines. 7. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire extinguisher
2.	Geotechnical Laboratory	1. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire Extinguishers etc. 2. All electrical devices are properly earthed. 3. MCBs are used for protection against electrical faults. 4. Safety shoes and gloves are mandatory while handling soil testing equipment. 5. Adequate space and housekeeping to prevent tripping hazards. 6. Use heat-resistant gloves or tongs while removing soil samples from the oven. 7. Lift heavy rammers and moulds using your legs to avoid back injuries. 8. Keep hands dry while operating electrical equipment and switches. 9. Stand on the side of the Lab equipment and avoid crossing the yellow line near the machine 10. High pressure equipment (Cyclic Triaxial Machine) handle carefully to avoid high velocity water spray
3.	Concrete Technology Laboratory	1. Electrical equipment is properly grounded and MCBs are installed for safety. 2. Use of safety shoes, gloves, goggles, masks, and lab coats are mandatory. 3. Wet cement, chemicals, and admixtures are handled carefully to avoid skin irritation and

		inhalation hazards. 4. Laboratory floors are kept clean and dry, and concrete spills are removed immediately to prevent accidents. 5. Testing and mixing machines are operated only by trained personnel and are equipped with safety guards/covers. 6. Proper material handling practices are followed for lifting heavy objects and storing cement and chemicals safely. 7. Emergency preparedness measures such as fire extinguishers, first-aid kits, ventilation, and emergency exits are available in the laboratory.
4.	Civil Computing Centre & BIM Lab	1. All computer systems are properly earthed. 2. UPS systems are installed for power backup and protection. 3. Fire safety equipment such as extinguishers is available. 4. Proper cable management to avoid tripping hazards. 5. Adequate ventilation and cooling systems are maintained. 6. Antivirus and cybersecurity measures are implemented. 7. Ergonomic seating and workstation arrangements are provided. 8. Avoid downloading unauthorized software 9. First-aid kits are available. 10. Do not place liquids near electronic equipment 11. Switch off and Shutdown systems properly after use 12. Avoid storing flammable materials near computers.
5.	Advanced Strength of Materials Laboratory	1. Know the locations and operating procedures of all safety equipment such as first aid kits, fire extinguishers, emergency stop switches, and eye wash stations. 2. Ensure all testing machines and electrical equipment are properly earthed before operation. 3. Use MCBs and proper electrical protection systems to prevent electrical faults and short circuits. 4. Wear safety shoes, gloves, and safety goggles while conducting experiments and handling specimens. 5. Check specimens for cracks or defects before testing to avoid sudden failure during loading. 6. Handle heavy specimens, loading attachments, and machine accessories carefully using proper lifting techniques. 7. Stand near the laboratory equipment at a safe distance during machine operation. 8. Never exceed the specified load capacity of testing machines. 9. Ensure proper alignment of specimens before applying load to prevent sudden slipping or breakage. 10. Keep hands dry while operating electrical switches, control panels, and testing machines.

		11. Keep the laboratory floor clean and dry to avoid slipping or tripping hazards. 12. Do not touch fractured specimens immediately after testing, as sharp edges may cause injuries. 13. Use heat-resistant gloves or tongs while handling heated specimens or equipment after furnace/oven operations. 14. Switch off the power supply after completing the experiment and report any equipment malfunction immediately to the lab instructor or technician.
6.	Environmental Engineering Laboratory	1. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire Extinguishers etc. 2. Mandatory use of PPE (lab coat, gloves, goggles and shoes) during chemical, sludge and microbiological analysis is strictly enforced. 3. Dedicated fume hoods are provided for COD digestion, handling acid & volatile chemicals. 4. Acid-resistent work benches and sinks are installed for handling acids (H_2SO_4, HNO_3) . 5. Chemical storage (acids, alkalis, oxidizing agents, solvents) is segregated with proper labeling. 6. Strict prohibition of mouth pipetting and only mechanical pipetting devices are used. 7. Spill management system with neutralizing agents ($NaHCO_3$/NaOH/Ca $(OH)_2$) is displayed in the lab for reference and followed. 8. Sewage and wastewater samples are handled properly and disinfected after use. 9. Sample storage and preservation are allowed only if they are labeled. 10. Contaminated samples are discarded on monitoring. 11. BOD incubator operation has restricted access with safety protocol. 12. COD digestion unit operation is done in a controlled environment with heat-resistant gloves and splash protection. 13. Adequate ventilation and exhaust systems are there for analytical and digestion processes. 14. Color-coded, clearly labeled containers are placed at designated locations to avoid mixing and cross-contamination of wastes that are segregated at source (Chemical, Biological and Glass waste)
7.	Fluid Machinery Laboratory	1. Keep first-aid kits accessible 2. Non-slip shoes to avoid falls 3. Never operate machines without supervision 4. Do not exceed recommended pressure or flow limits 5. Keep hands and clothing away from moving parts 6. Ensure electrical wiring is intact 7. Keep tools and hoses organized. 8. Know the location of fire extinguishers and emergency shut-off switches
8.	Surveying Laboratory	1. Use of safety shoes, goggles and lab coats are mandatory in the fieldwork.

		2. One user should always stay with mounted instruments (Total Stations, DGPS) 3. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire extinguisher 4. Don't look directly into the laser beams of electronic distance meters (EDMs). 5. Don't carry ranging rods and levelling staffs straight up and down and carefully handle while crossing the electrical lines. 6. Don't keep instruments over your shoulder, to avoid hitting others. 7. Field safety guidelines are followed during outdoor surveys. 8. Well instruction should be given on environmental and terrain hazards during fieldwork.
9.	Fluid Mechanics Laboratory (Shared Laboratory)	1. All electrical installations are properly earthed. 2. MCBs are used to prevent electrical hazards. 3. Proper drainage and spill management systems are in place. 4. Non-slip flooring near water flow areas. 5. Students are instructed related to safe handling before operating equipment. 6. Fire safety equipment and first-aid box are available.
10.	3D-printing Lab	1. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire Extinguishers etc. 2. Use personal protective equipment (PPE), helmet and safety shoes. 3. Keep the laboratory clean and free from obstacles to avoid slipping or tripping hazards. 4. Ensure adequate ventilation to reduce cement dust and chemical fumes. 5. Verify proper lighting around the printer and mixing area before use. 6. All electrical installations are properly earthed. 7. MCBs are used to prevent electrical hazards. 8. Operate the machine only by trained personnel. 9. Use safe lifting techniques or material-handling equipment for heavy bags and equipment. 10. Follow standard operating procedures (SOPs) for all equipment.
11.	FIST Lab	1. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire Extinguishers etc. 2. Wear appropriate personal protective equipment (PPE) such as lab coat, gloves, safety goggles, mask, and closed footwear. 3. Electrical equipment is properly grounded and MCBs are installed for safety. 4. MCBs are used to prevent electrical hazards. 5. Operate the machine only by trained personnel. 6. Store cylinders in a dry, well-ventilated area. Outdoor storage is highly recommended for flammable gases

		7. Dedicated fume hoods is provided.
12.	Transportation Lab	1. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire Extinguishers etc. 2. Electrical equipment is properly grounded and MCBs are installed for safety. 3. Use personal protective equipment (PPE), helmet and safety shoes. 4. Keep work areas clean and organized. 5. Follow material handling practice while lifting heavy objects safely. 6. Use heat-resistant gloves or tongs when removing material from oven/furnace. 7. Operate laboratory instruments only after proper training.
13.	Heritage Lab	1. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire Extinguishers etc. 2. Electrical equipment is properly grounded and MCBs are installed for safety. 3. Wear appropriate personal protective equipment (PPE) such as lab coat, gloves, safety goggles, mask, and closed footwear. 4. Handle heritage samples, manuscripts, sculptures, pottery, textiles, or archaeological materials with extreme care. 5. Label all chemical containers properly. 6. Store acids, solvents, and reagents in designated cabinets. 7. Keep work areas neat and organized. 8. Operate laboratory instruments only after proper training.
14.	Non-Destructive Testing (NDT) Lab	1. Use of personal protective equipment (PPE), helmet and safety shoes. 2. The user is instructed related to safe handling before operating equipment. 3. Follow manufacturer recommendations for operational tests and safety mechanism checks 4. Keep the floor and workstations free of debris, powders, and liquid spillage 5. Follow material handling practices while lifting heavy objects and storing chemicals safely. 6. Wear approved safety harness and use scaffolding arrangements during operation of any equipment when height exceeds 3m
15.	Structural Engineering Lab	1. Know the locations and operating procedures of all safety Equipment in the laboratory such as first aid kit, fire Extinguishers etc. 2. Use of personal protective equipment (PPE), helmet and safety shoes. 3. Follow proper dress code. 4. Electrical equipment is properly grounded and MCBs are installed for safety. 5. The user is instructed related to safe handling before operating equipment. 6. Use heat-resistant gloves or tongs when removing material from oven/furnace.

		7. Use heavy-duty work gloves for rebar and masonry; use chemical-resistant gloves when handling form oils or epoxy resins. 8. Use cranes/ heavy lifting machines under proper supervision /after proper training.

D3. Project Laboratory/Research Laboratory

The Department has established dedicated Project and Research Laboratories facilities, to support undergraduate student projects, research scholars, faculty research and innovative activities. These laboratories are equipped with advanced instruments, experimental setups and advance software packages that enable the students to work on real-world problems and undertake interdisciplinary projects. Undergraduate students carry out their major projects using these additional facilities available in the department. All the laboratories are functional during regular hours and beyond working hours.

The laboratory is supervised by a faculty in-charge and supported by trained technical staff, ensuring safe operation, optimal utilization of equipment, and continuous technical assistance. The facility is accessible during regular working hours and beyond, as per institutional norms, enabling effective execution of student projects and research activities. The outcomes include successful completion of student projects, research publications, conference presentations, and contributions to collaborative and funded research initiatives.

Table 7.5.1 presents the various project and research laboratories.

Table No. 7.5.1: List of project laboratory/research laboratory/center of excellence

Sl. No.	Laboratory Details
1.	**Laboratory:** Structural Engineering Lab **Major Facility:** Actuator Loading Frame-60T, Loading Frame-100T **Utilization:** PG Projects /Research **Remarks:** Used for conducting static and cyclic load tests on structural elements such as beams and columns to evaluate strength, stiffness, load carrying capacity and failure behavior under controlled loading conditions. **Major Facility:** High temperature furnace, 1000°C, 440V/120Amps **Utilization:** PG Projects/Research **Remarks:** A high-temperature furnace is used in concrete technology and material testing to evaluate how concrete behaves under extreme heat and fire conditions.
2.	**Laboratory:** Concrete 3D Printing Lab **Major Facility:** 3D Concrete Printer, TVASTA Software

	Utilization: UG, PG Projects /Research **Remarks:** Used for automated layer-by-layer fabrication of concrete elements to study printability, buildability and structural performance of 3D printed components using customized mix designs and toolpath control through TVASTA software.
3.	**Laboratory:** Digital Construction Lab (BIM) **Major Facility:** LIDAR (BLK360 G2 Laser Scanner) **Specifications:** Make: Leica, Model: BLK360 G2, Range: 45 m, Features**:** 5-bracket HDR imaging, VIS (Visual Inertial System) technology, Full density scan with images in 1:35 sec, millimeter-level accuracy Speed: 6,80,000 points/sec **Utilization:** UG/PG Projects / Research / Consultancy **Remarks:** Used for Building Information Modeling (BIM), 3D laser scanning, reality capture, digital twin creation, construction monitoring, and accurate spatial data acquisition for civil engineering applications.
4.	**Laboratory:** Advanced Materials Characterization Lab (FIST Lab) **Major Facility:** Mercury Intrusion Porosimetry – Make: Anton, Paar Model: Poremaster 60 Epsilon 1 Benchtop XRF Spectrometer – Make: Malvern, Panalytical Model: Epsilon 1 **Utilization:** UG, PG Projects /Research/Testing **Remarks:** Used for advanced characterization of construction materials, including pore structure analysis, density and porosity measurements, and elemental composition analysis for research, quality control, and durability assessment.
5.	**Centre of Excellence – Centre of Disaster Mitigation and Management (CDMM)** **Laboratory:** Disaster Research Lab (DRL) **Major Facility:** Ultrasonic Pulse Velocity Tester (PUNDIT PL-200) – Make: Proceq, Switzerland, Model: PUNDIT PL-200 **Utilization:** PG Projects /Research/ Consultancy **Remarks:** Used for non-destructive evaluation of concrete structures in disaster-prone areas, assessing structural integrity, uniformity, and quality of concrete for safety analysis and rehabilitation studies
6.	**Centre of Excellence – Centre for Clean Environment (CCE)** **Laboratory:** Environmental Analytical Lab **Major Facility:** Gas Chromatography–Mass Spectrometry (GC-MS) System – Make: PerkinElmer, Model: GC 2400; MS 2400SQ T **Utilization:** UG, PG Projects /Research/Consultancy **Remarks:** Used for qualitative and quantitative analysis of organic pollutants in water and environmental samples, supporting research in environmental engineering, pollution control, and clean environment studies.
7	**Project Lab** **Utilization:** UG student - Project activities and prototype development

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)

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= ((NS1*0.8) + (NS2*0.2)) /RF
CAY (2025-26)	5280	264	303	545	133%
CAY*m*1 (2024-25)	5160	258	299	529	134%
CAYm2 (2023-24)	5100	255	303	524	136%
Average Percentage					134%

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 (2025-26)	Actual expenses in CFY (till …) (2025-26)	Budgeted in CFYm1 (2024-25)	Actual Expenses in CFYm1 (2024-25)	Budgeted in CFYm2 (2023-24)	Actual Expenses in CFYm2 (2023-24)	Budgeted in CFYm3 (2022-23)	Actual Expenses in CFYm3 (2022-23)
Infrastructure Built-Up	360,00,00,000	357,59,66,159	600,00,00,000	508,06,91,444	310,00,00,000	297,99,60,603	165,00,00,000	158,55,98,801
Library	16,84,00,000	16,67,36,563	16,40,00,000	13,93,98,711	11,15,00,000	9,70,25,088	11,70,00,000	9,71,21,109
Laboratory equipment	100,21,00,000	98,36,02,900	122,05,00,000	103,35,97,835	82,52,00,000	79,55,98,178	68,00,00,000	54,89,25,435
Teaching and non-teaching staff salary	490,00,00,000	481,92,15,262	435,00,00,000	419,52,46,836	430,00,00,000	374,95,79,079	335,00,00,000	320,81,84,522
Outreach Programs	28,00,000	27,26,445	31,00,000	26,33,348	37,00,000	31,55,387	25,00,000	20,06,476
R&D	122,00,00,000	120,96,95,111	104,00,00,000	96,93,48,893	98,00,00,000	84,99,73,302	72,00,00,000	59,06,92,932
Training, Placement and Industry linkage	36,00,00,000	35,66,33,695	40,00,00,000	34,35,57,148	38,00,00,000	33,54,31,086	27,00,00,000	22,03,56,570
SDGs	60,50,00,000	60,22,02,981	51,00,00,000	47,40,96,667	43,50,00,000	41,82,01,838	48,00,00,000	41,13,82,510
Entrepreneurship	38,00,000	37,40,650	1,00,00,000	90,28,114	19,00,000	16,73,033	18,00,000	14,33,619
Others*,pl. specify	335,05,00,000	337,58,27,239	323,25,00,000	302,10,70,718	268,40,00,000	243,65,53,384	235,55,00,000	218,77,32,645
Total amount	**1521,26,00,000**	**1509,63,47,004**	**1693,01,00,000**	**1526,86,69,714**	**1282,13,00,000**	**1166,71,50,978**	**962,68,00,000**	**885,34,34,619**