

## PART A: PROFILE OF THE INSTITUTE

### A1.Name of the Institute:

Dr. M.G.R. Educational and Research Institute (Deemed to be University)

Year of Establishment: 2003, Location of the Institute: Chennai

### A2.Institute Address:

City: Chennai	State: Tamilnadu
PinCode: 600095	Website: <a href="http://www.drmgrdu.ac.in">www.drmgrdu.ac.in</a>
Email: <a href="mailto:registrar@drmgrdu.ac.in">registrar@drmgrdu.ac.in</a>	Phone No (with STD Code):- 044-23782176, 23782186

### A3. Name and Address of the Affiliating University (if any):

Not Applicable - Deemed to be University

### A4. Type of the Institution:

Institute of National Importance

University

Deemed University

Autonomous

Anyother (Please specify)

### A5. Ownership Status:

Central Government

State Government

Government Aided

Self-financing

Trust

Society

Section 25 Company

**A6. Details of all Programs being offered by the Institution:**

- No. of UG programs: 11
- No. of PG programs: 14

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

S.No.	Program Name	Name of the Department	Year of start	Intake	Increase / Decrease in intake	Year of increase / decrease	AICTE Approval	Accreditation Status
1	B. Tech. - COMPUTER SCIENCE & ENGINEERING	CSE	2003	60	+360	2024	Yes	Yes
2	B. Tech. - CYBER FORENSICS AND INFORMATION SECURITY	CSE	2015	60	0	2013	Yes	NA
3	B. Tech. - COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL	CSE	2022	60	0	2022	Yes	NA
4	B. Tech. – COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	CSE	2022	60	0	2022	Yes	NA
5	M.Tech. - COMPUTER SCIENCE & ENGINEERING	CSE	2012	18	0	2012	Yes	NA
6	M.Tech. - CYBER FORENSICS AND INFORMATION SECURITY	CSE	2011	18	0	2012	Yes	NA
7	B. Tech. - ELECTRONICS AND COMMUNICATION ENGINEERING	ECE	2003	60	+60	2021	Yes	Yes
8	M.Tech.-VLSI DESIGN AND EMBEDDED SYSTEMS	ECE	2022	18	0	2003	Yes	NA
9	B. Tech. - ELECTRICAL AND ELECTRONICS ENGINEERING	EEE	2003	120	-60	2022	Yes	
10	M.Tech. - POWER SYSTEMS	EEE	2011	18	0	2011	Yes	NA
11	B. Tech. - MECHANICAL ENGINEERING	MECH	2003	180	-60	2022	Yes	Yes
12	M.Tech. – DESIGN ENGINEERING	MECH	2016	18	0	2016	Yes	NA
13	B. Tech. - BIOTECHNOLOGY	BIOTECH	2003	60	+60	2016	Yes	Yes
14	M.Tech.- BIOTECHNOLOGY	BIOTECH	2003	18	0	2003	Yes	NA
15	B. Tech. - CIVIL ENGINEERING	CIVIL	2003	120	-60	2021	Yes	Yes
16	M.Tech. - CONSTRUCTION ENGINEERING AND MANAGEMENT	CIVIL	2016	18	0	2011	Yes	NA
17	M.Tech. - STRUCTURAL ENGINEERING	CIVIL	2012	18	0	2012	Yes	NA
18	B. Tech. - INFORMATION TECHNOLOGY	IT	2003	120	+60	2022	Yes	Yes
19	B. Tech. – BIOMEDICAL ENGINEERING	BME	2003	60	0	2003	Yes	NA

20	MBA-MASTERS IN BUSINESS ADMINISTRATION	MBA	2003	240	+120	2022	Yes	Yes
21	MBA - (BUSINESS ANALYTICS)	MBA	2022	60	0	2022	Yes	NA
22	MBA - (FINANCIAL MANAGEMENT)	MBA	2022	60	0	2022	Yes	NA
23	MBA - (HUMAN RESOURCE MANAGEMENT)	MBA	2022	60	0	2022	Yes	NA
24	MCA-MASTER OF COMPUTER APPLICATIONS	MCA	2003	60	0	2022	Yes	NA
25	MBA - (Logistics & Supply Chain Management)	MBA	2024	120	0	2024	Yes	NA

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

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

S. No.	Name of the Department	Program Name
1	Civil Engineering	B.Tech (Civil Engineering)

Table No.A7.2: Allied Department(s) to the Department of the program considered for accreditation as above. Cluster ID.

S. No.	Name of the Department (In table no. A7.1)	Name of the Allied/Cluster Department (for table no. A7.1)
1	NA	---

## PART B: PROGRAM INFORMATION

### B1. Provide the Required Information for the Program Applied For:

TableNo.B1: Program details.

S. N.	Program Name	Year	Sanctioned Intake	Increase/ decrease in intake, if any	Year of increase / decrease	AICTE/ Competent Authority Approval Details	Accreditation Status*
1	B.Tech (Civil Engineering)	2018-2019	120	-	-	AICTE F.No. Southern /2018-19/1-3714148411 Dated 30/04/2018	
2	B.Tech (Civil Engineering)	2019-2020	120	-	-	AICTE F.No.. Southern/1-4262352547/2019/E OA Dated 29/04/2019	NBA Accredited for 3 years – Letter Reference: F.No-33-300/2013-NBA, Dated:03.02.2020
3	B.Tech (Civil Engineering)	2021-2022	60	60 Decrease	2021-2022	AICTE Southern/1-9317885825/2021/E OA Dated 03/07/2021	NBA further Accredited (basis of Compliance Report) for 3 years – Letter Reference: F.No-33-300/2013-NBA, Dated:15.12.2022

#### A. List of the Programs Offered by the Department:

1. UG - B.Tech – Civil Engineering
2. PG - M.Tech – Structural Engineering
3. PG - M.Tech – Construction Engineering and Management

#### B. List of the Allied Departments/Cluster and Programs: Nil

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

A. Name of the HOD:	Dr. T. Kavitha
B. Nature of appointment:	Regular
C. Qualification:	B.E, M.E, 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 is to be provided cumulatively for all The shifts with explicit headings, wherever applicable)	CAY (24-25)	CAYm1 (23-24)	CAYm2 (22-23)	CAYm3 (21-22)	CAYm4 (LYG) (20-21)	CAYm5 (LYGm1) (19-20)
N= Sanctioned intake of the program (as per AICTE /Competent authority)	60 Regular 6 Lateral Entry	60 Regular 6 Lateral Entry	60 Regular 6 Lateral Entry	60 Regular 6 Lateral Entry	120 Regular 12 Lateral Entry	120 Regular 12 Lateral Entry
N1=Total no. of students admitted in the 1 <sup>st</sup> year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who Migrated to this program	39	36	35	44	74	68
N2= Number of students admitted in 2 <sup>nd</sup> year in the same batch Via lateral entry including leftover seats	-	06	05	06	06	08
N3=Separate division if any	-	-	-	01	-	-
N4= Total no. of students admitted in the 1 <sup>st</sup> year via a	-	-	-	-	-	-
Total number of students admitted in the program (N1 + N2 + N3+N4)-excluding those admitted through multiple entry and exit points.	39	42	40	51	80	76

#### B4. Enrolment Ratio in the First Year

Table No.B4.1: Student enrolment ratio in the 1st year.

Average  $[(ER_1 + ER_2 + ER_3) / 3] = 61$

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1 and CAYm2))	CAY (24-25)	CAYm1 (23-24)	CAYm2 (22-23)
N= Sanctioned intake of the program in the 1 <sup>st</sup> year (as per AICTE/Competent authority)	60	60	60
N1=Total no. of students admitted in the 1 <sup>st</sup> year minus the no. of students, who migrated to other programs/ institutions plus no.of students, who migrated to this program	39	36	35
N4=Total no.of students admitted in the 1 <sup>st</sup> year via all supernumerary quotas	-	-	-
Enrolment Ratio (ER) = (N1+N4)/N	65	60	58
<b>Average ER = (ER<sub>1</sub> + ER<sub>2</sub> + ER<sub>3</sub>)/3</b>	61		

#### 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.

Average SR of three batches  $((SR_1 + SR_2 + SR_3) / 3) = 58$

Item	CAYm4 (LYG)	CAYm5 (LYGm1)	CAYm6 (LYGm2)
A* = (No. of students admitted in the 1 <sup>st</sup> year of that batch and those actually admitted in the 2 <sup>nd</sup> 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).	132	132	132
B=No. of students who graduated from the program in the stipulated course duration	69	74	84
Success Rate(SR)=(B/A)* 100	52	56	64
Average SR of three batches $((SR_1 + SR_2 + SR_3) / 3)$	58		

### 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.  
Average API [(AP1+AP2+AP3)/3]: 6.93

Academic Performance	CAYm1	CAYm2	CAYm3
X=(Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	7.32	6.19	7.29
Y=Total no.of successful students	36	35	44
Z=Total no.of students appeared in the examination	36	35	44
API=X* (Y/Z)	7.32	6.19	7.29
Average API=(AP1+AP2+AP3)/3	6.93		

### 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.  
Average API [ (AP1 + AP2 + AP3)/3 ] : 6.91

Academic Performance	CAYm1	CAYm2	CAYm3
X= (Mean of 2 <sup>nd</sup> 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 <sup>rd</sup> year/10)	6.59	7.32	7.16
Y=Total no.of successful students	41	48	78
Z=Total no.of students appeared in the examination	41	48	78
API=X* (Y/Z)	6.59	7.32	7.16
Average API=(AP1+AP2+AP3)/3	7.02		

### 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 Average API [ (AP1 + AP2 + AP3)/3 ] : 7.32

Academic Performance	CAYm1	CAYm2	CAYm3
X=(Mean of 3 <sup>rd</sup> 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 <sup>rd</sup> year/10)	7.52	7.16	7.3
Y=Total no.of successful students	47	76	78
Z=Total no.of students appeared in the examination	47	76	78
API=X* (Y/Z)	7.52	7.16	7.3
Average API = (AP1+AP2+AP3)/3	7.32		

### B9. Placement, Higher Studies, and Entrepreneurship

Table No. B9.1: Placement, higher studies, and entrepreneurship details.

Average Placement Index=(P<sub>1</sub>+P<sub>2</sub>+P<sub>3</sub>)/3:PlacementIndexPoints: 49.74

Item	LYG	LYGm1	LYGm2
FS*=Total no. of final year students	132	132	132
X=No.of students placed	61	62	49
Y=No.of students admitted to higher studies	02	06	03
Z=No.of students taking up entrepreneurship	5	5	4
X+Y+Z=	68	73	56
Placement Index(P)=(((X+Y+Z)/FS)*100)	P <sub>1</sub> = 51.5	P <sub>2</sub> = 55.30	P <sub>3</sub> = 42.42
Average placement index=(P <sub>1</sub> +P <sub>2</sub> +P <sub>3</sub> )/3	49.74		

## PART C: FACULTY DETAILS IN DEPARTMENT AND ALLIED DEPARTMENTS

### Program Information

#### C1. Faculty details of Department and Allied Departments

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

**2024-2025**

S.No	Name of the faculty	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	Designation at time of joining in this Institution	Present Designation	The date on which Designated as Professor/Associate Professor if any	Nature of association (Regular/contract/Ad hoc)	If contractual mention full time or part time	Currently associated (Y/N)	Date of leaving if any (In case currently associated is “ No” )
1	Dr. Kavitha T	AWGPK7693 F	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	01/07/2016	9	Assistant Professor	Professor and HoD	28/09/2024	Regular	-	Y	
2	Dr.Depaa RA. B.	APEPD2526F	-	Ph.D	Dr M.G.R Educational and Research Institute	Infrastructure Engg	25/06/2014	11	Assistant Professor	Professor and Deputy HoD	10/01/2025	Regular	-	Y	
3	Dr.T Felix Kala	AAIPF8410B	-	Ph.D	Sathyabama University	Construction Engg and Management	14/06/2004	21	Head of the Dept	Professor	01/06/2016	Regular	-	Y	
4	Dr.Arivalagan S	AFBBA3938F	-	Ph.D	Anna University	Structural Engg	31/07/2003	22	Assistant Professor	Professor	04/05/2015	Regular	-	Y	
5	Dr.Narayanan	AGBPN0319C	-	Ph.D	Anna	Remote	26/10/2010	15	Assistant	Professor	02/06/2014	Regular	-	Y	

NBA – DATA CAPTURING POINTS – UG: CIVIL ENGINEERING

	RM.				University	sensing and GIS			Professor						
6	Dr. Arivumangai A	BBHPA6374G	-	Ph.D	St. Peter's Institute of Higher Education and Research	Structural Engg	18/06/2008	17	Assistant Professor	Professor	20/09/2023	Regular	-	Y	
7	Dr.Edwin D Thangam	AAGPE5791A	-	Ph.D	Annamalai University	Geotechnical Engg	24/11/1995	30	Assistant Professor	Professor	27/01/2025	Regular	-	Y	
8	Dr.SethuramanV. S	BJTPS7387H	-	Ph.D	Annamalai University	Structural Engg	16/07/2002	23	Assistant Professor	Professor	28/12/2023	Regular	-	Y	
9	Dr.Sudhakar R	BDRPS9969M	-	Ph.D	Dr M.G.R - Educational and Research Institute	Water resources Engg	10/10/2011	14	Assistant Professor	Professor	17/11/2023	Regular	-	Y	
10	Dr.Narmatha M	AMQPN9999M	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	26/06/2010	15	Assistant Professor	Professor	08/12/2023	Regular	-	Y	
11	Dr.Manikandan M	ATKPM8630R	-	Ph.D	St. Peter's Institute of Higher Education and Research	Structural Engg	05/12/2008	17	Assistant Professor	Associate Professor	11/08/2022	Regular	-	Y	
12	Dr.Priyadarshini V	CNGPP1534F	-	Ph.D	Dr M.G.R Educational and Research Institute	Environmental Engg	20/01/2014	11	Assistant Professor	Associate Professor	07/11/2024	Regular	-	Y	
13	Mr.Ramakrishna D	AITPR9785N	-	M.S.	IIT Madras	Geology	03/07/2014	11	Assistant Professor	Assistant Professor		Regular	-	Y	
14	Ms.A.Hemamalini	AIKPH2768L	-	M.E	Anna University	Construction Engg and Mgt	25/06/2014	11	Assistant Professor	Assistant Professor		Regular	-	Y	
15	Dr. Gomathi Nagajothy	ARRPG2789A	-	Ph.D	St. Peter's Institute of Higher Education and Research	Environmental Engg	16/12/2019	5	Assistant Professor	Associate Professor	12/03/2024	Regular	-	Y	
16	Mrs T Siva Ranjani	GOWPS2711L	-	M.Tech	SRM University	Structural Engg	08/12/2023	1	Assistant Professor	Assistant Professor		Regular	-	Y	
17	Mr.Jayavelu.K.R	ALRPJ5116C	-	M.Tech	Vel Tech University	Structural Engg	19/01/2022	3	Assistant Professor	Assistant Professor		Regular	-	Y	
18	Dr S Laxmi Priya	ACRPL3605M	-	Ph.D	Dr M.G.R Educational	Environmental	15/12/2023	1	Assistant Professor	Assistant Professor		Regular	-	Y	

NBA – DATA CAPTURING POINTS – UG: CIVIL ENGINEERING

					and Research Institute	I Engg										
19	Dr M Vanathi	AISPV2768C	-	Ph.D	Dr M.G.R Educational and Research Institute	Environmental Engg	18/06/2021	4	Associate Professor	Professor	25/09/2023	Regular	-	Y		
20	Mr A Suresh	DRAPS9380F	-	M.E	Anna University	Structural Engg	09/07/2012	13	Assistant Professor	Assistant Professor		Regular	-	Y		
21	Dr B Vijaya	BBKPB0032R	-	Ph.D	SRM University	Structural Engg	23/01/2023	2	Associate Professor	Professor	14/08/2024	Regular	-	Y		
22	Mrs A Mahalakshmi	BVJPM3041A	-	M.E	Sathyabama University	Structural Engg	23/01/2023	2	Assistant Professor	Assistant Professor		Regular	-	Y		
23	Dr V Manjula	AROPM3654M	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	06/12/2022	2	Associate Professor	Professor	27/01/2025	Regular	-	Y		
24	Dr.E.Rani	BONPR9244F	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	12/06/2019	6	Assistant Professor	Associate Professor	16/08/2024	Regular	-	Y		
25	Mrs.S.Kalpana	AWWPK8630Q	-	M.E	Anna University	Environmental Engg	06/01/2020	5	Assistant Professor	Assistant Professor		Regular	-	Y		
26	Dr.M.K. Thangamani Bindu	AHJPB7686B	-	Ph.D	St. Peter's university	Structural Engg	24/02/2020	5	Associate Professor	Professor	03/05/2023	Regular	-	Y		
27	Mrs V Saranya	CXEPS8090M	-	M.E	Anna University	Structural Engg	26/11/2022	2	Assistant Professor	Assistant Professor		Regular	-	Y		
28	Mr.Mallikarjuna Reddy K	AGLPK5693G	-	M.E.	PDA College of Engineering	Environmental Engg	05/04/1991	34	Assistant Professor	Professor		Regular	-	Y		

2023-2024

S.No	Name of the faculty	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	Designation at time of joining in this Institution	Present Designation	The date on which Designated as Professor/Associate Professor if any	Nature of association (Regular/contract/Ad hoc)	If contractual mention full time or part time	Currently associated (Y/N)	Date of leaving if any (In case currently associated is “ No” )
1	Dr. Kavitha T	AWGPK7693F	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	01/07/2016	8	Assistant Professor	Associate Professor and HoD	01/06/2022	Regular	-	Y	
2	Dr.Depaa RA. B.	APEPD2526F	-	Ph.D	Dr M.G.R Educational and Research Institute	Infrastructure Engg	25/06/2014	10	Assistant Professor	Associate Professor and Deputy HoD	01/06/2022	Regular	-	Y	
3	Dr.T Felix Kala	AAIPF8410B	-	Ph.D	Sathyabama University	Construction Engg and Management	14/06/2004	20	Head of the Dept	Professor	01/06/2016	Regular	-	Y	
4	Dr.Arivalagan S	AFBBA3938F	-	Ph.D	Anna University	Structural Engg	31/07/2003	21	Assistant Professor	Professor	04/05/2015	Regular	-	Y	
5	Dr.Narayanan RM.	AGBPN0319C	-	Ph.D	Anna University	Remote sensing and GIS	26/10/2010	14	Assistant Professor	Professor	02/06/2014	Regular	-	Y	
6	Dr. Arivumangai A	BBHPA6374G	-	Ph.D	St. Peter's Institute of Higher Education and Research	Structural Engg	18/06/2008	16	Assistant Professor	Professor	20/09/2023	Regular	-	Y	
7	Dr.Edwin D Thangam	AAGPE5791A	-	Ph.D	Annamalai University	Geo technical Engg	24/11/1995	29	Assistant Professor	Associate Professor	27/01/2022	Regular	-	Y	
8	Dr.Sethuraman V S	BJTPS7387H	-	Ph.D	Annamalai University	Structural Engg	16/07/2002	22	Assistant Professor	Professor	28/12/2023	Regular	-	Y	
9	Dr.Sudhakar R	BDRPS9969M	-	Ph.D	Dr M.G.R -	Water	10/10/2011	13	Assistant	Professor	17/11/2023	Regular	-	Y	

NBA – DATA CAPTURING POINTS – UG: CIVIL ENGINEERING

					Educational and Research Institute	resources Engg			Professor						
10	Dr.Narmatha M	AMQPN9999M	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	26/06/2010	14	Assistant Professor	Professor	08/12/2023	Regular	-	Y	
11	Dr.Manikandan M	ATKPM8630R	-	Ph.D	St. Peter's Institute of Higher Education and Research	Structural Engg	05/12/2008	16	Assistant Professor	Associate Professor	11/08/2022	Regular	-	Y	
12	Dr.Priyadarshini V	CNGPP1534F	-	Ph.D	Dr M.G.R Educational and Research Institute	Environment al Engg	20/01/2014	10	Assistant Professor	Assistant Professor		Regular	-	Y	
13	Mr.Ramakrishna D	AITPR9785N	-	M.S.	IIT Madras	Geology	03/07/2014	10	Assistant Professor	Assistant Professor		Regular	-	Y	
14	Ms.A.Hemamalie	AIKPH2768L	-	M.E	Anna University	Construction Engg and Mgt	25/06/2014	10	Assistant Professor	Assistant Professor		Regular	-	Y	
15	Dr. Gomathi Nagajothy	ARRPG2789A	-	Ph.D	St. Peter's Institute of Higher Education and Research	Environment al Engg	16/12/2019	4	Assistant Professor	Associate Professor	12/03/2024	Regular	-	Y	
16	Mrs T Siva Ranjani	GOWPS2711L	-	M.Tech	SRM University	Structural Engg	08/12/2023	0.5	Assistant Professor	Assistant Professor		Regular	-	Y	
17	Mr.Jayavelu.K.R	ALRPJ5116C	-	M.Tech	Vel Tech University	Structural Engg	19/01/2022	2	Assistant Professor	Assistant Professor		Regular	-	Y	
18	Dr S Laxmi Priya	ACRPL3605M	-	Ph.D	Dr M.G.R Educational and Research Institute	Environment al Engg	15/12/2023	0.5	Assistant Professor	Assistant Professor		Regular	-	Y	
19	Dr M Vanathi	AISPV2768C	-	Ph.D	Dr M.G.R Educational and Research Institute	Environment al Engg	18/06/2021	3	Associate Professor	Professor	25/09/2023	Regular	-	Y	
20	Mr A Suresh	DRAPS9380F	-	M.E	Anna University	Structural Engg	09/07/2012	12	Assistant Professor	Assistant Professor		Regular	-	Y	
21	Dr B Vijaya	BBKPB0032R	-	Ph.D	SRM University	Structural Engg	23/01/2023	1	Associate Professor	Associate Professor		Regular	-	Y	
22	Mrs A Mahalakshmi	BVJPM3041A	-	M.E	Sathyabama University	Structural Engg	23/01/2023	1	Assistant Professor	Assistant Professor		Regular	-	Y	
23	Dr V Manjula	AROPM3654M	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	06/12/2022	1	Associate Professor	Associate Professor		Regular	-	Y	
24	Dr.E.Rani	BONPR9244F	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	12/06/2019	5	Assistant Professor	Assistant Professor		Regular	-	Y	

NBA – DATA CAPTURING POINTS – UG: CIVIL ENGINEERING

					Institute										
25	Mrs.S.Kalpana	AWWPK8630Q	-	M.E	Anna University	Environment al Engg	06/01/2020	4	Assistant Professor	Assistant Professor		Regular	-	Y	
26	Dr.M.K. Thangamani Bindu	AHJPB7686B	-	Ph.D	St. Peter's university	Structural Engg	24/02/2020	4	Associate Professor	Professor	03/05/2023	Regular	-	Y	
27	Mrs V Saranya	CXEPS8090M	-	M.E	Anna University	Structural Engg	26/11/2022	1	Assistant Professor	Assistant Professor		Regular	-	Y	
28	Mr.Mallikarjuna Reddy K	AGLPK5693G	-	M.E.	PDA College of Engineering	Environment al Engg	05/04/1991	33	Assistant Professor	Professor		Regular	-	Y	
29	Ms.Sreeji.V.S	BUHPV6855N	-	M.E	Anna University	Structural Engg	21/07/2022	1.5	Assistant Professor			Regular	-	N	03/01/2024

2022-2023

S.No	Name of the faculty	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	Designation at time of joining in this Institution	Present Designation	The date on which Designated as Professor/Associate Professor if any	Nature of association (Regular/contract/Ad hoc)	If contractual mention full time or part time	Currently associated (Y/N)	Date of leaving if any (In case currently associated is “ No” )
1	Dr. Kavitha T	AWGPK7693F	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	01/07/2016	7	Assistant Professor	Associate Professor and HoD	01/06/2022	Regular	-	Y	
2	Dr.Depaa RA. B.	APEPD2526F	-	Ph.D	Dr M.G.R Educational and Research Institute	Infrastructure Engg	25/06/2014	9	Assistant Professor	Associate Professor and Deputy HoD	01/06/2022	Regular	-	Y	
3	Dr.T Felix Kala	AAIPF8410B	-	Ph.D	Sathyabama University	Construction Engg and Management	14/06/2004	19	Head of the Dept	Professor	01/06/2016	Regular	-	Y	
4	Dr.Arivalagan S	AFBBA3938F	-	Ph.D	Anna University	Structural Engg	31/07/2003	20	Assistant Professor	Professor	04/05/2015	Regular	-	Y	
5	Dr.Narayanan RM.	AGBPN0319C	-	Ph.D	Anna University	Remote sensing and GIS	26/10/2010	13	Assistant Professor	Professor	02/06/2014	Regular	-	Y	
6	Dr. Arivumangai A	BBHPA6374G	-	Ph.D	St. Peter's Institute of Higher Education and Research	Structural Engg	18/06/2008	15	Assistant Professor	Associate Professor	20/07/2020	Regular	-	Y	
7	Dr.Edwin D Thangam	AAGPE5791A	-	Ph.D	Annamalai University	Geo technical Engg	24/11/1995	28	Assistant Professor	Associate Professor	27/01/2022	Regular	-	Y	

**NBA – DATA CAPTURING POINTS – UG: CIVIL ENGINEERING**

8	Dr.SethuramanV.S	BJTPS7387H	-	Ph.D	Annamalai University	Structural Engg	16/07/2002	21	Assistant Professor	Associate Professor	28/12/2020	Regular	-	Y
9	Dr.Sudhakar R	BDRPS9969M	-	Ph.D	Dr M.G.R - Educational and Research Institute	Water resources Engg	10/10/2011	12	Assistant Professor	Associate Professor	16/11/2020	Regular	-	Y
10	Dr.Narmatha M	AMQPN9999M	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	26/06/2010	13	Assistant Professor	Associate Professor	10/10/2020	Regular	-	Y
11	Dr.Manikandan M	ATKPM8630R	-	Ph.D	St. Peter's Institute of Higher Education and Research	Structural Engg	05/12/2008	15	Assistant Professor	Associate Professor	11/08/2022	Regular	-	Y
12	Ms.Priyadarshini V	CNGPP1534F	-	Ph.D	Dr M.G.R Educational and Research Institute	Environment al Engg	20/01/2014	9	Assistant Professor	Assistant Professor		Regular	-	Y
13	Mr.Ramakrishna D	AITPR9785N	-	M.S.	IIT Madras	Geology	03/07/2014	9	Assistant Professor	Assistant Professor		Regular	-	Y
14	Ms.A.Hemamalinie	AIKPH2768L	-	M.E	Anna University	Construction Engg and Mgt	25/06/2014	9	Assistant Professor	Assistant Professor		Regular	-	Y
15	Dr. Gomathi Nagajothy	ARRPG2789A	-	Ph.D	St. Peter's Institute of Higher Education and Research	Environment al Engg	16/12/2019	3	Assistant Professor	Assistant Professor		Regular	-	Y
16	Mr.Jayavelu.K.R	ALRPJ5116C	-	M.Tech	Vel Tech University	Structural Engg	19/01/2022	1	Assistant Professor	Assistant Professor		Regular	-	Y
17	Dr M Vanathi	AISPV2768C	-	Ph.D	Dr M.G.R Educational and Research Institute	Environment al Engg	18/06/2021	2	Associate Professor	Associate Professor		Regular	-	Y
18	Mr A Suresh	DRAPS9380F	-	M.E	Anna University	Structural Engg	09/07/2012	11	Assistant Professor	Assistant Professor		Regular	-	Y
19	Dr B Vijaya	BBKPB0032R	-	Ph.D	SRM University	Structural Engg	23/01/2023	0.5	Associate Professor	Associate Professor		Regular	-	Y
20	Mrs A Mahalakshmi	BVJPM3041A	-	M.E	Sathyabama University	Structural Engg	23/01/2023	0.5	Assistant Professor	Assistant Professor		Regular	-	Y
21	Dr V Manjula	AROPM3654M	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	06/12/2022	0.5	Associate Professor	Associate Professor		Regular	-	Y
22	Ms.E.Rani	BONPR9244F	-	Ph.D	Dr M.G.R Educational and Research Institute	Structural Engg	12/06/2019	4	Assistant Professor	Assistant Professor		Regular	-	Y
23	Mrs.S.Kalpana	AWWPK8630Q	-	M.E	Anna University	Environment al Engg	06/01/2020	3	Assistant Professor	Assistant Professor		Regular	-	Y

NBA – DATA CAPTURING POINTS – UG: CIVIL ENGINEERING

24	Dr.M.K. Thangamani Bindu	AHJPB7686B	-	Ph.D	St. Peter's university	Structural Engg	24/02/2020	3	Associate Professor	Professor	03/05/2023	Regular	-	Y	
25	Mrs V Saranya	CXEPS8090M	-	M.E	Anna University	Structural Engg	26/11/2022	0.5	Assistant Professor	Assistant Professor		Regular	-	Y	
26	Mr.Mallikarjuna Reddy K	AGLPK5693G	-	M.E.	PDA College of Engineering	Environment al Engg	05/04/1991	32	Assistant Professor	Professor		Regular	-	Y	
27	Ms.Sreeji.V.S	BUHPV6855N	-	M.E	Anna University	Structural Engg	21/07/2022	0.5	Assistant Professor			Regular	-	N	03/01/2024
28	Dr.R.Balamurugan	BDXPB3101E		Ph.D	Annamalai University	Structural Engg	15/04/2019	3	Professor			Regular	-	N	16/12/2022
29	Dr.V.Sekaran	BSDPS6782F		Ph.D	Anna University	Structural Engg	15/04/2019	3	Professor			Regular	-	N	16/12/2022
30	Dr.V.Rajesh Kumar	AYJPR6173K		Ph.D	Sastra University	Remote sensing and GIS	15/04/2019	3	Professor			Regular	-	N	30/06/2023
31	Dr.M.Muralikrishna	ADLPM6636N		Ph.D	SV University	Transportation Engg	15/04/2019	3	Professor			Regular	-	N	30/06/2023
32	Dr. A. Paul Mahesh	CGJPP4415K		Ph.D	Dr M.G.R Educational and Research Institute	Structural Engineering	27/06/2011	12	Assistant Professor	Associate Professor	03/09/2021	Regular	-	N	07/07/2023
33	Dr.Kalaiganan R	AOPPK4715B		Ph.D	Pondicherry University	Water resources Engg	20/09/2004	18	Assistant Professor			Regular	-	N	04/08/2023
34	Ms.Leela D	AAZPL3244N		M.Tech	University of Calicut	Structural Engg	27/08/2001	21	Assistant Professor			Regular	-	N	04/08/2023
35	Mrs.Bini Mylin Roberts	DITPB5164A		M.Tech	Dr M.G.R Educational and Research Institute	Construction Engg and Mgt	21/01/2022	1	Assistant Professor			Regular	-	N	02/02/2023
36	P.Bharath	CBWPB9919G		M.E	Annamalai University	Environment al Engg	21/07/2022	0.5	Assistant Professor			Regular	-	N	10/01/2023
37	L.Sakthivel	GRTPS9534R		M.E	Annamalai University	Construction Engg and Mgt	21/07/2022	0.5	Assistant Professor			Regular	-	N	10/01/2023
38	S.K.Syed Shabeer	GFEPS4464B		M.E	Annamalai University	Construction Engg and Mgt	21/07/2022	0.5	Assistant Professor			Regular	-	N	07/07/2023
39	S.Vignesh	ASYPV8659C		M.Tech	Prist University	Structural Engg	21/07/2022	0.5	Assistant Professor			Regular	-	N	07/07/2023

TableNo.C2: Faculty details of Allied Departments for the past 3 years including CAY – Not Applicable

## 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 2<sup>nd</sup> year(ST)

**C**= No. of Students in UG 3<sup>rd</sup> year (ST)

**D**= No. of Students in UG 4<sup>th</sup> 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 1<sup>st</sup> year

**B**=No. of Students in PG 2<sup>nd</sup> 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 [FF])

No. of UG Programs in the Department - 1

No. of PG Programs in the Department – 2

Year	CAY	CAYm1	CAYm2
	2024-2025	2023-2024	2022-2023
UG <sub>1</sub> .B	60+6	60+6	60+6
UG <sub>1</sub> .C	60+6	60+6	120+12
UG <sub>1</sub> .D	60+6	120+12	120+10
UG <sub>1</sub>	UG <sub>1</sub> .B + UG <sub>1</sub> .C + UG <sub>1</sub> .D	UG <sub>1</sub> .B + UG <sub>1</sub> .C + UG <sub>1</sub> .D	UG <sub>1</sub> .B + UG <sub>1</sub> .C + UG <sub>1</sub> .D
UG <sub>n</sub> .B	-	-	-
UG <sub>n</sub> .C	-	-	-
UG <sub>n</sub> .D	-	-	-
UG <sub>n</sub>	UG <sub>n</sub> .B + UG <sub>n</sub> .C + UG <sub>n</sub> .D	UG <sub>n</sub> .B + UG <sub>n</sub> .C + UG <sub>n</sub> .D	UG <sub>n</sub> .B + UG <sub>n</sub> .C + UG <sub>n</sub> .D
UG <sub>n</sub> .B	-	-	-
UG <sub>n</sub> .C	-	-	-
UG <sub>n</sub> .D	-	-	-
UG <sub>n</sub>	UG <sub>n</sub> .B + UG <sub>n</sub> .C + UG <sub>n</sub> .D	UG <sub>n</sub> .B + UG <sub>n</sub> .C + UG <sub>n</sub> .D	UG <sub>n</sub> .B + UG <sub>n</sub> .C + UG <sub>n</sub> .D
PG <sub>1</sub> .A	18	18	18
PG <sub>1</sub> .B	18	18	18
PG <sub>1</sub>	PG <sub>1</sub> .A + PG <sub>1</sub> .B	PG <sub>1</sub> .A + PG <sub>1</sub> .B	PG <sub>1</sub> .A + PG <sub>1</sub> .B
PG <sub>2</sub> .A	18	18	18
PG <sub>2</sub> .B	18	18	18
PG <sub>2</sub>	PG <sub>2</sub> .A + PG <sub>2</sub> .B	PG <sub>2</sub> .A + PG <sub>2</sub> .B	PG <sub>2</sub> .A + PG <sub>2</sub> .B
DS = Total no of students in all UG and PG programs in the department	270	336	400
AS = Total no of students of all UG and PG programs in allied departments	-	-	-
<b>S = Total no. of students in the Department (DS) and Allied Departments (AS)</b>	S1 = UG <sub>1</sub> + UG <sub>2</sub> + UG <sub>n</sub> + PG <sub>1</sub> + PG <sub>2</sub> + PG <sub>m</sub>	S1 = UG <sub>1</sub> + UG <sub>2</sub> + UG <sub>n</sub> + PG <sub>1</sub> + PG <sub>2</sub> + PG <sub>m</sub>	S1 = UG <sub>1</sub> + UG <sub>2</sub> + UG <sub>n</sub> + PG <sub>1</sub> + PG <sub>2</sub> + PG <sub>m</sub>
DF = Total no. of faculty members in the Department	28	29	39
AF = Total no. of faculty members in the allied departments	-	-	-
F = Total no. of faculty members in the Department (DF) and Allied Departments	F1 = 28	F2 = 29	F3 = 39

(AF)			
FF = The faculty members in F who have a 100% teaching load in the first year courses	FF1 = 4	FF2 = 3	FF3 = 4
<b>Student Faculty Ratio (SFR) = S/(F-FF)</b>	SFR1 = S1/(F1-FF1) 270/(28-4) = 11.25	SFR2 = S2/(F2-FF2) 336/(29-3) = 12.92	SFR3 = S3/(F3-FF3) 400/(39-4) = 11.42
Average SFR for 3 years	Average SFR – (SFR1+SFR2+SFR3)/3 (11.45+12.92+11.42)/3 = 11.93		

### C3. Faculty Qualification

Faculty qualification index (FQI) =  $2.5 * [(10X + 4Y)/RF]$  where

X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms

Y=No. of faculty members with M.Tech. or ME degree or equivalent as per AICTE/UGC norms.

RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student- Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

TableNo.C3.1: Faculty qualification.

Year	X	Y	RF	FQI=2.5*[(10X+4Y)/RF]
CAY 24-25	19	9	14	40.35
CAYm1 23-24	18	11	17	32.94
CAYm 2 22-23	22	17	20	36
<b>Average Assessment</b>				<b>36.43</b>

### 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.

TableNo.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	2	15	3	4	9	9
CAYm1	2	10	4	7	11	12
CAYm2	2	9	5	12	13	18
Average Numbers	RF1= 2	AF1= 11	RF2= 4	AF2= 8	RF3= 11	AF3=13

### 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 for CAYm1, CAYm2, CAYm3

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
<b>CAYm1 2023-24</b>				
1	Dr.MosesAranganathan	Visiting Faculty	Repair and rehabilitation of structures Shoring and scaffolding	60
2	Mr.R.Vijayabalan	Adjunct Faculty	Structural analysis Active member of IQAC & BoS for curriculum revision	60
<b>Total number of hours:</b>				120
<b>CAYm2 2022-23</b>				
1	Dr.MosesAranganathan	Visiting Faculty	Repair and rehabilitation of structures Shoring and scaffolding	60
2	Mr.R.Vijayabalan	Adjunct Faculty	Structural analysis Active member of IQAC & BoS for curriculum revision	60
<b>Total number of hours:</b>				120
<b>CAYm3 2021-22</b>				
1	Dr.MosesAranganathan	Visiting Faculty	Repair and rehabilitation of structures Shoring and scaffolding	60

2	Mr.R.Vijayabalan	Adjunct Faculty	Structural analysis	60
3	Sakthivel	Professor of practice	Industrial structures Tall structures	60
<b>Total number of hours:</b>				180

### C6.Academic Research

Table No. C6.1: Faculty publication details

S.N.	Item	CAYm1	CAYm2	CAYm3
		23-24	22-23	21-22
1	No. of peer reviewed journal papers published	20	20	18
2	No. of peer reviewed conference papers published	24	20	18
3	No. of books/book chapters published	2	5	8

### C7. Sponsored Research Project

TableNo.C7.1: List of sponsored research projects received from external agencies CAYm1, CAYm2, and CAYm3

S.N.	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	Project Amount (Lacs)
<b>CAYm1 – 2023-2024</b>							
1	Dr.RM Narayanan	Dr. T. Felix Kala	Dr M.G.R ERI	Unified manufacturing of eco-friendly neem coated bricks using present – day herbs and traditional lime mixtures to uplift the downtrodden community	DST	2025-2027	Rs 60.02 lacs (ongoing)
<b>Amount received(Rs.)</b>							60.02 lacs
<b>CAYm2 – 2022-2023</b>							
1	Dr.RM Narayanan		Dr M.G.R ERI	Effect of particulate matter on Covid -19 spread and hotspot mapping using AERMOD &GIS	ICMR	2022-2024	22.89lacs (Completed)

				tools- A cross sectional study from Greater Chennai, India.				
2.	Dr.RM Narayanan		Dr M.G.R ERI	Estimation of Primary Productivity and validation of OCM 3 chlorophyll retrievals using in-situ observations and Inherent Optical Properties	ISRO – EOS OC3	4Years	31.95 lacs (ongoing)	
					<b>Amount received (Rs.)</b>		54.84 lacs	
<b>CAYM3 – 2021-2022</b>								
1	Dr.RM Narayanan	Dr. T. Felix Kala	Dr M.G.R ERI	Assessment of various oceanographic parameters and development of regional bio-optic algorithms for primary production estimates around eastern coast of Tamilnadu, India	ISRO Respond	6Years	7,72 lac (ongoing)	
2	Dr.T. Felix Kala		Dr M.G.R ERI	Modernization and Removal of obsolesces (MODROB)	AICTE	2021-2023	13 lacs	
<b>Amount received(Rs.)</b>							<b>20.72 Lacs</b>	
<b>Total Amount (Lacs) Received for the Past 3 Years</b>							<b>(CAYM1, CAYM2, CAYM3)</b>	<b>135.58 lacs</b>

### C8.Consultancy Work

Table No.C8.1: List of consultancy projects received from external agencies during CAYm1, CAYm2, and CAYm3

S.N	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
<b>CAYm1-2023-2024 (June 2023-May 2024)</b>							
1	Dr.A.Arivumangai	Dr.T.Kavitha Dr.RA.B.Depaa Dr.T Felix Kala Er.A.Hemamalinie	Tambaram City Municipal corporation	Laying BT road, Inspection and material quality test	NSMT (2023-2024)	26-12-23 to 29-05-24	10,09,349
2	Mr.D.Ramakrishna	Dr.T.Kavitha	Ponneri Municipality	Soil Exploration, Laying CC Road,BT Road	Ponneri Municipality	16-11-2023 to 28-05-2024	2,75,000
3	Dr.T.Kavitha	Dr. V Priyadarshini Er A Hemamalinie Dr.B. Vijaya	Mangadu Municipality	Verification Report of Park	TUFIDCO	18-01-24	1,01,185
4	Dr.RA.B.Depaa	Dr.T.Kavitha Er.A.Hemamalinie	Thirumzhisai Town Panchayat	BT Roads and inspection	TURIP (2022-2023)	26-05-2024	1,11,300
5	Dr.RA.B.Depaa	Dr.T.Kavitha Dr.V.Priyadarshini Dr.Sethuraman VS	Thiruverkadu Municipality	Thiruverkadu BT road Narayan	Thiruverkadu Municipality	30-5-24	4,78,900
6	Dr.T.Kavitha	Dr.V.Priyadarshini Er.A.Hemamalinie Dr.Narmatha M	Poonamalle Municipality	PoonamalleeMaterial Test (Construction of Storm Water Drain), Cube Testing	Poonamalle Municipality	2-5-2024 to 16-05-24	3,02,770
7	Dr.T.Kavitha	Dr. V Priyadarshini Er A Hemamalinie Dr.B. Vijaya	Thiruvallur Municipality	EsitingGasfier Crematorium, ASP Nagarpark Inspection	KNMT (2022-2023)	21-07-2023 to 31-08-23	1,03,250
8	Er.A.Hemamalinie	Dr.T.Kavitha Dr.RA.B.Depaa	Thirunindravur Municipality	Material Testing	NSMT (2022-2023)	12-10-23	45,000
9	Er.A.Hemamalinie	Dr.T.Kavitha Mrs.A.	Panappakkam Town	Laying of BT Surface	Panappakkam	22-07-2023 to	50,000

**NBA - DATA CAPTURING POINTS – UG: CIVIL ENGINEERING**

		Mahalakshmi	Panchayat		Town Panchayat	12-02-24	
10	Dr.T.Kavitha	Dr.RA.B.Depaa Mr.A.Suresh	Thiuthani Municipality	Thiuthani Municipality (Park and Kulam)	Thiuthani Municipality	11-9-23	39,900
11	Dr.V.Priyadarshini	Dr.T.Kavitha Er.A.Hemamalinie	Naravarikuppam Town Panchayat	Road work	TURIF (2021-2022)	6-3-2024	30,000
12	Er.A.Hemamalinie	Dr.RA.B.Depaa, Dr.T.Kavitha	Minjur Municipality	Laying of BT & Park	Minjur Municipality	10-06-202	1,80,475
13	Dr T Kavitha	Dr A Arivumangai Dr RM Narayanan	Ammoor Town Panchayat	Ammoor (Improvement of Park I)	Ammoor Town Panchayat	6-5-23-6-5-24	65,962
<b>Total</b>							<b>27,93,091</b>

**CAYm2-2022-2023 (June 2022-May 2023)**

S.N	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
1	Dr.RA.B.Depaa	Dr.V.Priyadarshini Er.A.Hemamalinie Dr.T.Kavitha	Thirumazhisai Town Panchayat	Improvement in water supply scheme	Thirumazhisai Town Panchayat	03-02-23	60,000
2	Dr.V.Priyadarshini	Dr.RA.B.Depaa Dr.T.Kavitha	Tambaram City Municipal corporation	Laying of BT Surface	TURIP (2022-2023)	07-02-2023	32,040
<b>Total</b>							<b>92,040</b>

**CAYm3-2021-2022 (June 2021-May 2022)**

S.N	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
1	Dr Edwin D Thangam	Dr V S Sethuraman Dr P Gomathi Nagajothi	Sri Lalithambigai Medical College	Concrete cube testing for pile foundation	Dr MGRERI	From July 2021 till date	2,22,577
<b>Total</b>							<b>2,22,577</b>

**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**

S.No.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
1	Dr.T.Felix Kala	Ductility behavior of beam strengthening by basalt Reinforced polymer Composite	2022-2023	1 Lakh	1Lakh	Ductility behavior was studied
2	Dr.P.Gomathi Nagajothi	Hybrid Pavement Blocks	2021-2022	95 Thousand	95 Thousand	Performance and strength of Hybrid Pavement Blocks was analysed

**PART D: LABORATORY INFRASTRUCTURE IN THE DEPARTMENT**

(Data to be filled in for the Department)

**D1.Adequate and Well-Equipped Laboratories, and Technical Manpower**

TableNo.D1.1: List of laboratories and technical manpower

Sl.	Name of the	No. Of	Name of the	Weekly	Technical Manpower support
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No	Laboratory	students Per setup (Batch Size)	Major equipment	utilization status (all the courses for which the lab is utilized)	Name of the Technical staff	Designation	Qualification
1.	Survey lab	30 students per slot	Theodolite Electronic Theodolite GPS Total Station Prismatic Compass	18hrs for UG and remaining hours for used by PG and Research Scholars	Mr. Janaki Raman	Lab Technician	B.Tech
2.	Soil mechanics lab	30 students per slot	Triaxial Test Direct Shear Test Unconfined Compression Test Sieve Apparatus Liquid Limit Weighing Machine Consolidation Test Oven Hot Plate Chamber Vane Shear Test Core Cutter. CBR Test	6 hrs for UG and remaining hours used by PG and Research Scholars and Consultancy works	Mr. Prabhakaran	Lab Technician	B.Tech
3.	CADD/STAAD/ GIS lab	60 students per slot	Auto CADD STADD Pro GIS LAB	18 hrs for UG and remaining hours used by PG and	P. Manoj Kumar	Lab Technician	B.Tech

				Research Scholars and Consultancy works			
4.	<b>Transportation lab</b>	30 students per slot	Benkelmen Beam Apparatus Los-Angeles Apparatus Attrition Instruments Tar Viscometer Tar Ductility meter Aggregate Impact Machine	6 hours for UG and remaining hours used by PG and Research Scholars and Consultancy works	Mrs. Malini	Lab Technician	B.Tech
5.	<b>Fluid mechanics and machinery lab</b>	30 students per slot	Venturimeter Orificemeter Reciprocating Pump Centrifugal Pump Gear Pump Pelton Wheel Turbine Francis Turbine	18hrs for UG	Mrs.Uma	Lab Technician	B.Tech
6.	<b>Concrete lab</b>	30 students per slot	Compressive Testing Machine Vibrating table Compaction factor Flow table (mortar) Flow table (concrete) Flexure Testing Machine	6 hours for UG and remaining hours used by PG and Research Scholars and Consultancy works	Mr. Kumaran	Lab Technician	Diploma DCE

			Mixer machine Weighing balance Vicat Apparatus Vee Bee Consistometer				
7.	Strength of Materials Lab	30 students per slot	Rockwell Hardness Spring Testing Machine 7. Torsion Testing machine Impact testing machine Compression Testing Machine	18 hrs for UG and remaining hours used by PG and Research	Mr. Selva	Lab Technician	B.Tech
8.	Environmental Engg lab	30 students per slot	pH meter Turbidity meter Flame photometer BOD incubator COD incubator Muffle furnace Oven Conductivity meter Jar test apparatus	18 hours for UG and remaining hours used by PG and Research Scholars and Consultancy works & Research Activities	Mr. Muthu Kumar	Lab Technician	B.Tech
9.	Geology lab	30 students per slot	Collections of rocks and minerals, test kit, physical	6 hours for UG and remaining hours	Mr. Ahmed	Lab Technician	B.Sc

			property collections (glass, stone, crystals, soil, wood, plastic, fibre ) mineral group collections				
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## D2. Safety Measures in Laboratories

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

S.No.	Name of the Laboratory	Safety measures
1	Survey lab	<p><b>First-Aid Kits:</b></p> <ul style="list-style-type: none"> <li>• Every laboratory is equipped with a first-aid kit to provide immediate care for minor injuries or accidents</li> </ul> <p><b>Safety Guidelines Display:</b></p> <ul style="list-style-type: none"> <li>• Clear and concise safety instructions, including Do's and Don'ts, are prominently posted in each laboratory</li> </ul> <p><b>Laboratory Attire:</b></p> <ul style="list-style-type: none"> <li>• Wearing a proper lab coat is mandatory at all times while working in the laboratory</li> </ul> <p><b>Field Experiment Precaution:</b></p> <ul style="list-style-type: none"> <li>• Students are required to wear caps during field experiments to safeguard themselves from sun exposure, heat, and other environmental elements</li> </ul>
2	Soil mechanics lab	<p><b>Fire Extinguishers:</b></p> <ul style="list-style-type: none"> <li>• Laboratories are equipped with fire extinguishers to address potential fire emergencies</li> <li>• Routine inspections and servicing are carried out to ensure they remain in optimal working condition</li> </ul> <p><b>First-Aid Kits:</b></p>

		<ul style="list-style-type: none"> <li>• Each laboratory is supplied with a fully stocked first-aid kit to provide immediate treatment for minor injuries and incidents</li> </ul> <p style="text-align: center;"><b>Electrical Fuses (Correct Rating):</b></p> <ul style="list-style-type: none"> <li>• Appropriately rated electrical fuses are installed to minimize the risk of short circuits and other electrical hazards</li> </ul> <ul style="list-style-type: none"> <li>• Regular inspections are performed to maintain the safety and reliability of the electrical system</li> </ul> <p style="text-align: center;"><b>Prescribed Uniform and Footwear:</b></p> <ul style="list-style-type: none"> <li>• All students and staff are required to wear the designated uniform along with closed-toe shoes to reduce the risk of injuries and promote cleanliness</li> </ul> <p style="text-align: center;"><b>Protective Hand Gloves:</b></p> <ul style="list-style-type: none"> <li>• Hand gloves must be worn when handling chemicals or hazardous materials to ensure personal safety and prevent contamination</li> </ul> <p style="text-align: center;"><b>Display of Safety Instructions (Do's and Don'ts):</b></p> <ul style="list-style-type: none"> <li>• Key safety guidelines, including Do's and Don'ts, are clearly displayed in every laboratory to promote awareness and safe practices</li> </ul>
3	CADD/STAAD/GIS lab	<p style="text-align: center;"><b>Fire Safety Measures:</b></p> <ul style="list-style-type: none"> <li>• Fire extinguishers are strategically placed in all laboratories to quickly respond to fire-related emergencies</li> <li>• Scheduled maintenance and inspections are performed to guarantee they are in proper working order</li> </ul> <p style="text-align: center;"><b>First-Aid Availability:</b></p> <ul style="list-style-type: none"> <li>• Each laboratory is equipped with a comprehensive first-aid kit to provide immediate care in case of minor injuries or medical situations</li> </ul>

		<p style="text-align: center;"><b>Electrical Safety:</b></p> <ul style="list-style-type: none"> <li>• Electrical systems are safeguarded with fuses of the correct rating to prevent overloads, short circuits, and other electrical risks</li> <li>• Periodic inspections ensure that all electrical installations remain safe and operational</li> </ul> <p style="text-align: center;"><b>Safety Instructions Display:</b></p> <ul style="list-style-type: none"> <li>• Clear and visible displays of essential safety guidelines, including Do's and Don'ts, are placed in every laboratory to promote safe conduct and awareness</li> </ul>
4	Transportation lab	<p style="text-align: center;"><b>Fire Safety Measures:</b></p> <ul style="list-style-type: none"> <li>• Fire extinguishers are strategically installed in all transportation laboratories to enable quick response in case of fire emergencies</li> <li>• Routine maintenance and regular inspections ensure all extinguishers are functional and readily accessible</li> </ul> <p style="text-align: center;"><b>First-Aid Availability:</b></p> <ul style="list-style-type: none"> <li>• Transportation labs are equipped with well-stocked first-aid kits to provide immediate assistance for minor injuries or health issues during lab activities</li> </ul> <p style="text-align: center;"><b>Electrical Safety:</b></p> <ul style="list-style-type: none"> <li>• Properly rated fuses are used in all electrical setups to safeguard against short circuits and electrical malfunctions in equipment used for transportation experiments</li> <li>• Electrical systems undergo regular safety checks to ensure reliable and hazard-free operation</li> </ul> <p style="text-align: center;"><b>Safety Instructions Display:</b></p> <ul style="list-style-type: none"> <li>• Essential safety protocols, including clearly defined</li> </ul>

		Do's and Don'ts, are prominently displayed throughout the transportation lab to ensure students and staff follow safe practices at all times
5	Fluid mechanics and machinery lab	<p style="text-align: center;"><b>Fire Safety Measures:</b></p> <ul style="list-style-type: none"> <li>• Fire extinguishers are appropriately installed in the Fluid Mechanics and Machinery Lab to respond promptly to any fire-related emergencies</li> <li>• Regular maintenance and inspections are conducted to ensure they are in proper working condition and easily accessible</li> </ul> <p style="text-align: center;"><b>First-Aid Availability:</b></p> <ul style="list-style-type: none"> <li>• A well-stocked first-aid kit is available in the lab to provide immediate care in case of minor injuries during practical sessions or equipment handling</li> </ul> <p style="text-align: center;"><b>Electrical Safety:</b></p> <ul style="list-style-type: none"> <li>• All machinery and electrical equipment in the lab are protected with correctly rated fuses to prevent short circuits and electrical hazards.</li> <li>• Routine inspections are carried out to ensure the electrical systems and machines operate safely and efficiently</li> </ul> <p style="text-align: center;"><b>Safety Instructions Display:</b></p> <ul style="list-style-type: none"> <li>• Safety guidelines, including important Do's and Don'ts specific to fluid flow experiments and machinery operation, are clearly displayed throughout the lab to promote awareness and responsible behavior</li> </ul>
6	Concrete lab	<p style="text-align: center;"><b>Fire Safety Measures:</b></p> <ul style="list-style-type: none"> <li>• Fire extinguishers are installed in key areas of the Concrete Laboratory to ensure quick response in the event of a fire</li> </ul>

		<ul style="list-style-type: none"> <li>• Routine checks and maintenance are conducted to confirm that extinguishers are functional and accessible at all times</li> </ul> <p style="text-align: center;"><b>First-Aid Availability:</b></p> <ul style="list-style-type: none"> <li>• A fully equipped first-aid kit is available in the Concrete Lab to provide prompt treatment for minor injuries such as cuts, abrasions, or exposure to materials</li> </ul> <p style="text-align: center;"><b>Electrical Safety:</b></p> <ul style="list-style-type: none"> <li>• All electrical tools and mixing equipment in the lab are protected using correctly rated fuses to prevent electrical faults and short circuits</li> <li>• Regular inspections are carried out to verify the safe operation of all electrical connections and devices</li> </ul> <p style="text-align: center;"><b>Safety Instructions Display:</b></p> <ul style="list-style-type: none"> <li>• Prominent display boards featuring Do's and Don'ts relevant to concrete mixing, curing, handling of materials, and equipment use are placed throughout the lab to encourage safe and informed practices</li> </ul>
7	Strength of materials lab	<p style="text-align: center;"><b>Fire Safety Measures:</b></p> <ul style="list-style-type: none"> <li>• Fire extinguishers are strategically positioned within the Strength of Materials Lab to allow quick action in case of fire emergencies</li> <li>• Regular inspections and maintenance ensure all extinguishers are fully functional and ready for use</li> </ul> <p style="text-align: center;"><b>First-Aid Availability:</b></p> <ul style="list-style-type: none"> <li>• A well-stocked first-aid kit is available in the lab to provide immediate care for minor injuries that may occur during testing or handling of materials and equipment</li> </ul> <p style="text-align: center;"><b>Electrical Safety:</b></p> <ul style="list-style-type: none"> <li>• All testing machines and related electrical systems are protected with appropriately rated fuses to prevent electrical</li> </ul>

		<p>overloads and short circuits</p> <ul style="list-style-type: none"> <li>• Electrical systems and equipment are routinely inspected to maintain safe and efficient operation</li> </ul> <p><b>Safety Instructions Display:</b></p> <ul style="list-style-type: none"> <li>• Clearly visible safety instructions, including specific Do's and Don'ts related to material testing procedures and equipment operation, are displayed throughout the laboratory to ensure safe practices</li> </ul>
8	Environmental lab	<p><b>Fire Safety Measures:</b></p> <ul style="list-style-type: none"> <li>• Fire extinguishers are appropriately positioned within the Environmental Lab to ensure a swift response in case of fire emergencies</li> <li>• Regular maintenance and safety checks are carried out to keep the extinguishers in optimal working condition</li> </ul> <p><b>First-Aid Availability:</b></p> <ul style="list-style-type: none"> <li>• The Environmental Lab is equipped with a fully stocked first-aid kit to provide immediate assistance for minor injuries or accidental exposure to chemicals and equipment</li> </ul> <p><b>Electrical Safety:</b></p> <ul style="list-style-type: none"> <li>• All electrical instruments and devices used for environmental testing are protected with properly rated fuses to prevent overloads and hazards</li> <li>• Scheduled inspections are conducted to ensure all electrical systems are operating safely and efficiently</li> </ul> <p><b>Safety Instructions Display:</b></p> <ul style="list-style-type: none"> <li>• Safety protocols, including clearly outlined Do's and Don'ts related to sample collection, chemical handling, and equipment use, are prominently displayed to ensure a safe working environment for all users</li> </ul>

9	Geology lab	<p style="text-align: center;"><b>Fire Safety Measures:</b></p> <ul style="list-style-type: none"> <li>• Fire extinguishers are strategically installed in the Geology lab to enable a quick response in case of fire emergencies             <ul style="list-style-type: none"> <li>• Routine maintenance and scheduled inspections are conducted to ensure all extinguishers remain fully operational and accessible</li> </ul> </li> </ul> <p style="text-align: center;"><b>First-Aid Availability:</b></p> <ul style="list-style-type: none"> <li>• A fully stocked first-aid kit is available in the lab to provide immediate care for minor injuries that may occur during material testing or sample handling</li> </ul> <p style="text-align: center;"><b>Electrical Safety:</b></p> <ul style="list-style-type: none"> <li>• All electrical equipment and testing devices are fitted with properly rated fuses to prevent short circuits, overloads, and electrical hazards</li> <li>• Regular safety inspections are carried out to maintain the safe operation of all electrical systems and instruments</li> </ul> <p style="text-align: center;"><b>Safety Instructions Display:</b></p> <ul style="list-style-type: none"> <li>• Prominently displayed safety guidelines, including Do's and Don'ts specific to the handling of construction materials, rock and mineral specimens, and testing tools, are placed throughout the lab to encourage safe and responsible practices</li> </ul>
1	Survey lab	<p style="text-align: center;"><b>First-Aid Kits:</b></p> <ul style="list-style-type: none"> <li>• Every laboratory is equipped with a first-aid kit to provide immediate care for minor injuries or accidents</li> </ul> <p style="text-align: center;"><b>Safety Guidelines Display:</b></p> <ul style="list-style-type: none"> <li>• Clear and concise safety instructions, including Do's and Don'ts, are prominently posted in each laboratory</li> </ul> <p style="text-align: center;"><b>Laboratory Attire:</b></p> <ul style="list-style-type: none"> <li>• Wearing a proper lab coat is mandatory at all times while</li> </ul>

		<p>working in the laboratory</p> <p><b>Field Experiment Precaution:</b></p> <ul style="list-style-type: none"> <li>• Students are required to wear caps during field experiments to safeguard themselves from sun exposure, heat, and other environmental elements</li> </ul>
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### 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.	Structural Engineering Laboratory
2.	Concrete Laboratory
3.	Environmental Engineering Laboratory

**PART E: FIRST YEAR FACULTY AND FINANCIAL RESOURCES**

(Data to be filled in for the first year course faculty and budget allocation and utilization)

**E1. First Year Student-Faculty Ratio (FYSFR)**

Table No. E1.1: FYSFR details.

Sl.No	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 Science including management courses (NS1)	No. of faculty members in Engineering science Courses (NS2)	Percentage = No. of faculty members ((NS1*0.8) + (NS2*0.2)) / No of required faculty =(RF4); Percentage = ((NS1*0.8) + (NS2*0.2))/RF
1.	2024-2025	1380	69	70	40	92.75%
2.	2023-2024	1200	60	63	32	94.66%
3.	2022-2023	1140	57	60	30	94.73%
Average Percentage						94.04%

**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 24-25	Provisional expenditure in CFY 24-25	Budgeted in CFY 23-24	Actual expenditure in CFY 23-24	Budgeted in CFY 22-23	Actual expenditure in CFY 22-23	Budgeted in CFY 21-22	Actual expenditure in CFY 21-22
Infrastructure built-up	1095.00	742.71	865.00	898.19	390.00	335.27	635.00	600.47
Library	127.00	100.13	110.00	102.09	113.00	90.63	140.00	138.91
Computer equipment	325.00	298.50	300.00	326.00	250.00	286.00	250.00	306.00
Laboratory equipments	795.00	451.08	485.00	516.90	430.00	291.07	700.00	856.42
Laboratory consumables	157.00	124.69	123.00	132.05	105.00	103.22	160.00	194.56
Teaching and non teaching staff salary	1520.00	1647.51	1480.00	1418.86	915.00	1361.77	1245.00	1183.44

Maintenance and spares	805.00	648.14	580.00	634.12	235.00	236.56	305.00	351.49
R&D	215.00	173.98	180.00	182.71	160.00	170.71	285.00	311.24
Training and travel	175.00	2.87	131.00	130.70	93.00	92.43	108.00	112.93
Miscellaneous expenses	4.25	2249.13	4.50	3.06	3.45	3.14	4.60	3.32
Others, specify	3250.00	6575.81	3550.00	2538.30	1350.00	1476.45	2125.00	1945.26
<b>Total</b>	<b>8468.25</b>	<b>3355.87</b>	<b>7808.50</b>	<b>6882.98</b>	<b>4044.45</b>	<b>4447.25</b>	<b>5957.60</b>	<b>6004.04</b>

### 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 24-25	Provisional expenditure in CFY 24-25	Budgeted in CFY 23-24	Actual expenditure in CFY 23-24	Budgeted in CFY 22-23	Actual expenditure in CFY 22-23	Budgeted in CFY 21-22	Actual expenditure in CFY 21-22
Infrastructure built-up	80.00	60.20	65.00	83.57	50.00	36.15	50.00	44.86
Library	10.00	6.82	10.00	9.25	10.00	6.83	15.00	11.77
Laboratory & other equipments	80.00	60.36	55.00	74.23	80.00	57.00	100.00	95.20
Laboratory consumables	12.00	8.59	10.00	12.08	15.00	9.71	20.00	15.55
Teaching and non teaching staff salary	225.00	160.53	225.00	153.87	225.00	178.24	225.00	216.24
Maintenance and spares	60.00	43.46	45.00	56.79	25.00	20.80	30.00	25.97
R&D	15.00	11.99	15.00	16.71	20.00	15.60	25.00	27.26
Training and travel	15.00	9.19	10.00	11.70	10.00	7.61	10.00	8.06
Miscellaneous expenses	0.50	0.24	0.50	0.34	0.75	0.31	0.75	0.45
Others, specify	250.00	173.93	1200.00	236.90	150.00	139.32	150.00	113.38
<b>Total</b>	<b>747.50</b>	<b>535.31</b>	<b>1635.50</b>	<b>655.45</b>	<b>585.75</b>	<b>471.57</b>	<b>625.75</b>	<b>558.74</b>