

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Civil Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 11979	Date of Submission : 01-07-2026

PART A- Profile of the Institute

A1.Name of the Institute : Sree Narayana Guru College of Engineering and Technology	
Year of Establishment : 2003	Location of the Institute: Payyanur
A2. Institute Address :Sree Narayana Guru College of Engineering and Technology, Chalakode Post, Payyanur	
City:Cannanore	State:Kerala
Pin Code:670307	Website:www.sngcet.ac.in
Email:principal@sngcet.ac.in	Phone No(with STD Code):04985-201987
A3. Name and Address of the Affiliating University (if any):	
Name of the University : APJ Abdul Kalam Technological University	City: Thiruvananthapuram
State : Kerala	Pin Code: 695016
A4. Type of the Institution : Non-Autonomous (Affiliated)	
A5. Ownership Status : Self financing	

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

- No. of UG programs: **6**
- No. of PG programs: **1**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Engineering & Technology	UG	Artificial Intelligence and Data Science	2024	--	Artificial Intelligence and Data Science
2	Engineering & Technology	UG	Civil Engineering	2011	--	Civil Engineering
3	Engineering & Technology	PG	Computer Aided Structural Engineering	2013	--	Civil Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	2003	--	Computer Science and Engineering
5	Engineering & Technology	UG	Electrical and Electronics Engineering	2003	--	Electrical and Electronics Engineering
6	Engineering & Technology	UG	ELECTRONICS AND COMMUNICATION ENGINEERING	2003	--	Electronics and Communication Engineering
7	Engineering & Technology	UG	Mechanical Engineering	2003	--	Mechanical Engineering

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Civil Engineering	No	Civil Engineering	UG
Electronics and Communication Engineering	No	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.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY APPROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED	PROGRAM DURATION
1	Civil Engineering	UG	2011 / --	60	No	NA	60	2011	F.No South-West/1-467365732/2011/EOA	Applying first time	--	--	0	4

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr. Susan Abraham
B. Nature of appointment:	Regular
C. Qualification:	Ph.D

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	60	60	60	60	60	60	60
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	29	18	14	14	14	18	18
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	16	2	9	0	1	1

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	2	2
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	29	34	16	23	14	21	21

CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4. Enrolment Ratio in the First Year

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

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	60	29	0	48.33
2024-25 (CAYm1)	60	18	0	30.00
2023-24 (CAYm2)	60	14	0	23.33

Average [(ER1 + ER2 + ER3) / 3] = 33.89≡ 0.00

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

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

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*= (No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	60.00	61.00	61.00
B=No. of students who graduated from the program in the stipulated course duration	7.00	15.00	13.00
Success Rate (SR)= (B/A) * 100	11.67	24.59	21.31

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 19.19

B6. Academic Performance of the First-Year Students of the Program

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	7.14	7.23	6.67
Y=Total no. of successful students	10.00	5.00	11.00
Z=Total no. of students appeared in the examination	18.00	14.00	14.00
API [X*(Y/Z)]	3.96	2.58	5.24

Average API[(AP1+AP2+AP3)/3] : 3.93

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.

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	6.58	6.16
Y=Total no. of successful students	6.00	13.00	7.00

Z=Total no. of students appeared in the examination	7.00	20.00	7.00
API [X * (Y/Z)]	6.11	4.28	6.16

Average API [(AP1 + AP2 + AP3)/3] : 5.52

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)	7.13	6.51	6.98
Y=Total no. of successful students	13.00	7.00	15.00
Z=Total no. of students appeared in the examination	13.00	7.00	15.00
API [X*(Y/Z)]:	7.13	6.51	6.98

Average API [(AP1 + AP2 + AP3)/3] : 6.87

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	60.00	61.00	61.00
X=No. of students placed	12.00	15.00	14.00
Y=No. of students admitted to higher studies	1.00	3.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	21.67	29.51	22.95

Average Placement Index = (P_1 + P_2 + P_3)/3: 24.71 Placement Index Points:

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

C1. Faculty details of Department and Allied Departments

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

Sr.No	Name of the Faculty	PAN No.	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. Leena A V	XXXXXXX01L	Ph.D	Karpagam Academy of Higher Education	Environmental Engineering	01/01/2008	18.6	Lecturer	Professor	19/08/2020	Regular	Yes		No

2	Ms.B.Mary Sonia George	XXXXXX01H	M.Tech	University of Kerala	Structural Engineering	04/06/2012	14	Assistant Professor	Assistant Professor		Regular	Yes		No
3	Ms.Shilpa Valaskumar	XXXXXX75F	M.Tech	Vellore Institute of Technology	Structural Engineering	24/06/2013	13	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Ms.Saritha Sasindran	XXXXXX37P	M.Tech	Kannur University	Structural Engineering	01/10/2015	10.8	Assistant Professor	Assistant Professor		Regular	Yes		No
5	Ms. Shamyia Sukumaran M	XXXXXX24M	M.Tech	APJ Abdul Kalam Technological University, Kerala	Computer Aided Structural Engineering	12/08/2022	3.10	Assistant Professor	Assistant Professor		Regular	Yes		No
6	Ms.Revathi P	XXXXXX32F	M.Tech	APJ Abdul Kalam Technological University, Kerala	Environmental Engineering	12/08/2022	3.10	Assistant Professor	Assistant Professor		Regular	Yes		No
7	Ms. Rishna K Raman	XXXXXX14J	M.Tech	APJ Abdul Kalam Technological University, Kerala	Structural Engineering and Construction Management	01/03/2023	3.3	Assistant Professor	Assistant Professor		Regular	Yes		No
8	Ms.Pooja K P	XXXXXX35A	M.Tech	APJ Abdul Kalam Technological University, Kerala	Computer Aided Structural Engineering	05/12/2022	3.5	Assistant Professor	Assistant Professor		Regular	No	21/05/2026	No
9	Ms.Sanjana D.Nambiar	XXXXXX80M	M.Tech	APJ Abdul Kalam Technological University, Kerala	Computer Aided Structural Engineering	01/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		No
10	Ms.Amrutha K	XXXXXX41P	M.Tech	APJ Abdul Kalam Technological University, Kerala	Structural Engineering and Construction Management	14/08/2023	2.9	Assistant Professor	Assistant Professor		Regular	No	29/05/2026	No
11	Ms. Keerthana Ranjith	XXXXXX98Q	M.Tech	APJ Abdul Kalam Technological University, Kerala	Structural Engineering and Construction Management	01/06/2023	0.11	Assistant Professor	Assistant Professor		Regular	No	27/05/2024	No
12	Ms. Athira P	XXXXXX82P	M.Tech	APJ Abdul Kalam Technological University, Kerala	Computer Aided Structural Engineering	01/08/2023	1.9	Assistant Professor	Assistant Professor		Regular	No	27/05/2025	No

13	Ms. Gayathri N	XXXXXXXX78H	M.Tech	APJ Abdul Kalam Technological University, Kerala	Computer Aided Structural Engineering	18/08/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Mr. Shibin B	XXXXXXXX04L	M.Tech	APJ Abdul Kalam Technological University, Kerala	Computer Aided Structural Engineering	10/05/2022	1.4	Assistant Professor	Assistant Professor		Regular	No	21/09/2023	No
15	Ms. Neethu Rajan	XXXXXXXX38N	M.Tech	APJ Abdul Kalam Technological University, Kerala	Computer Aided Structural Engineering	18/08/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. Deepesh M P	XXXXXXXX40G	M.E.	Anna University	Structural Engineering	02/08/2023	1.11	Assistant Professor	Assistant Professor		Regular	No	02/07/2025	No
17	Dr. Susan Abraham	XXXXXXXX65E	Ph.D	Hindustan Institute of Technology and Sciences, Chennai	Structural Engineering	13/06/2012	14	Assistant Professor	Professor	15/06/2018	Regular	Yes		Yes

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

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):

UG1=1st UG program

UGn=nth UG program

B= No. of Students in UG 2nd year (ST)

C= No. of Students in UG 3rd year (ST)

D= No. of Students in UG 4th year (ST)

No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

Student Faculty Ratio (**SFR**) = S/F

S= No. of students of all programs in the Department including all students of allied departments/clusters.

No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)

Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.

F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

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

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	66	62	66
UG1.C	62	66	60

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.D	66	60	61
UG1: Civil Engineering	194	188	187
PG1.A	24	24	24
PG1.B	24	24	24
PG1: Computer Aided Structural Engineering	48	48	48
DS=Total no. of students in all UG and PG programs in the Department	242	236	235
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= 242	S2= 236	S3= 235
DF=Total no. of faculty members in the Department	13	13	13
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= 13	F2= 13	F3= 13
FF=The faculty members in F who have a 100% teaching load in the first-year courses	1	1	1
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 20.17	SFR2= 19.67	SFR3= 19.58
Average SFR for 3 years	SFR= 19.81		

C3. Faculty Qualification

- Faculty qualification index (FQI) = $2.5 \times [(10X + 4Y)/RF]$ where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = $2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	2	11	12.00	13.33
2024-25(CAYm1)	2	11	11.00	14.55
2023-24(CAYm2)	2	11	11.00	14.55

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = $1/9 \times$ No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.
- RF2= No. of Associate Professors required = $2/9 \times$ No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- RF3= No. of Assistant Professors required = $6/9 \times$ No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C4.1: Faculty cadre proportion details.

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3

2025-26	1.00	2.00	3.00	0.00	8.00	11.00
2024-25	1.00	2.00	3.00	0.00	8.00	11.00
2023-24	1.00	2.00	3.00	0.00	8.00	11.00
Average	RF1=1.00	AF1=2.00	RF2=3.00	AF2=0.00	RF2=8.00	AF2=11.00

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Prof. Divakaran	Professor	Rtd. from NSS Palakkad	Construction technology and management	27.00
2	Prof. Divakaran	Professor	Rtd. from NSS Palakkad	Advanced Concrete Technology	28.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Prof. Divakaran	Professor	Rtd. from NSS Palakkad	Construction technology and management	27.00
2	Prof. Divakaran	Professor	Rtd. from NSS Palakkad	Advanced Concrete Technology	28.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Prof. Divakaran	Professor	Rtd. from NSS Palakkad	Construction technology and management	27.00
2	Prof. Divakaran	Professor	Rtd. from NSS Palakkad	Advanced Concrete Technology	28.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	0	0	6
2	No. of peer reviewed conference papers published	1	0	2
3	No. of books/book chapters published	0	0	0

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mrs. Mary Sonia George HOD CE		Government	MSME	Government	1	0.15
						Amount received (Rs.):0.15

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mrs. Mary Sonia George		Government	Perumba River Project	Kerala Government	180	0.87
						Amount received (Rs.):0.87

Total Amount (Lacs) Received for the Past 3 Years: 1.02

Note*:

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

C8. Consultancy Work

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mr.Akhil K C		Department of civil Engineering	Laboratory Cube Tests	construction company	1 year	0.11
Ms. Saritha sasindran	Mr Akhil K C	Edat Construction Work - damodar Architects	Edat construction project	Damodar Architects	180	0.40
						Amount received (Rs.):0.51

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mr.Akhil K C		Department of civil Engineering	Laboratory Cube Tests	construction company	1 year	0.22
						Amount received (Rs.):0.22

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mr.Akhil K C		Department of civil Engineering	Laboratory Cube Tests	construction company	1 year	0.28
						Amount received (Rs.):0.28

Total amount (Lacs) received for the past 3 years: 1.01

Note*:

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

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

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

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Ms. B. Mary Sonia George	KTU workshop on accreditation	1 day	0.03	0.03	conducted workshop for students
Ms. B. Mary Sonia George	NABL accreditation awarenss	1 day	0.10	0.10	conducted accreditation awanreness programme
Ms.Saritha Sasindran	Life mission Project	180 days	0.15	0.15	Undertaken works under life mission project
Ms. B. Mary Sonia George	Faculty Developement courses	12 weeks	0.02	0.02	FDP courses completed
Ms.Shilpa Valaskumar	Faculty Developement courses	12 weeks	0.01	0.01	FDP courses completed
Ms. Shamyia Sukumaran M	Faculty Developement courses	12 weeks	0.01	0.01	FDP courses completed
Dr. Susan Abraham	Faculty Developement courses	12 weeks	0.01	0.01	FDP courses completed
			Amount received (Rs.): 0.33		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Ms. Revathi P	Faculty Developement courses	12 weeks	0.01	0.01	FDP courses completed
Ms.Shilpa Valaskumar	Faculty Developement courses	12 weeks	0.01	0.01	FDP courses completed
Ms. Shamyia Sukumaran M	Faculty Developement courses	12 weeks	0.01	0.01	FDP courses completed
Dr. Susan Abraham	Faculty Developement courses	12 weeks	0.01	0.01	FDP courses completed
Ms. Amrutha A	Faculty Developement courses	12 weeks	0.01	0.01	FDP courses completed
			Amount received (Rs.): 0.05		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Ms. B. Mary Sonia George	FDP on IOT	7 days	0.25	0.25	Conducted FDP on IOT
Ms Saritha Sasindran	Soil stabilisation with Bamboo Fibre and Human Hair Fibre	1 year	0.08	0.08	successfully completed
Ms Revathi P	Environmental impact Assessment of K Rail	1 year	0.07	0.07	successfully completed
Ms. B. Mary Sonia George	Mobility Plan Planning and Design in Kannur District	1 year	0.07	0.07	successfully completed
Ms.Shilpa Valsakumar	Foamed concrete using egg shell powder and saw dust	1 year	0.07	0.07	successfully completed
Ms.Shamya Sukumaran	Experimental study on the use of Alkofine and Recycled Aggregate	1 year	0.07	0.07	successfully completed
Mr Shibilin B	Study on Copper Slag in Concrete Blocks	1 year	0.07	0.07	successfully completed
Dr.Susan Abraham	Identification and Analysis of accident Blackspots using GIS	1 year	0.07	0.07	successfully completed
			Amount received (Rs.): 0.75		

Total amount (Lacs) received for the past 3 years : 1.13

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

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

Table No.D1.1: List of laboratories and technical manpower.

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	Material Testing Laboratory	34	Universal Testing Machine (UTM),Torsion Testing Machine, Compression Testing Machine, Spring Testing Machine, Ultra Sonic Pulse Velocity Testing Machine	3 hours	Mr. Akhil K C	Trade Instructor Senior	B.Tech in CE
2	Survey Laboratory	34	Dumpy level, Theodolite, Levelling staff, Ranging rod, Measuring tape, Total Stations, Plumb bob, Chain with arrows, Electronic compass, Contour Box, etc.	3 hours	Mr. Akhil K C	Trade Instructor Senior	B.Tech in CE
3	Environmental Laboratory	20	B.O.D Incubator, Digitalty Meter, Jar Test Apparatus,Muffle Furnace, Hot air oven, pH Meter, Weighing Balance, Desiccator, Digital TDS/ Electrical	3 hours	Ms. Kavya K V	Trade Instructor	Diploma in CE
4	Concrete Testing Laboratory	16	Slump Test Apparatus, Vee Bee Consistometer, Flow Table Apparatus, Compaction Factor Apparatus, Compression Testing Machine, Flexure Testing Machine	3 hours	Mr. Akhil K C	Trade Instructor Senior	B.Tech in CE
5	Transportation Engineering Laboratory	16	Impact test apparatus, Los Angeles abrasion test apparatus, Length gauge and thickness gauge, Ductility test apparatus, Disc and ball apparatus, Marshall	3 hours	Mr. Akhil K C	Trade Instructor Senior	B.Tech in CE
6	Geotechnical Engineering Laboratory	16	Casagrande Apparatus, Shrinkage Limit Apparatus, Pycnometer, Direct Shear Test Apparatus, Unconfined Compression Test Apparatus, CBR Test Apparatus, etc.	3 hours	Ms. Kavya K V	Trade Instructor	Diploma in CE

7	Computer Lab	34	Auto CADD, STAAD Pro., Etabs, ANSYS – Student version, Primavera, EPANET	10 hours	Ms. Kavya K V	Trade Instructor	Diploma in CE
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D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Material Testing Laboratory	1. Students should wear safety gear and safety shoes 2. First aid box and Fire extinguisher are kept in the laboratory 3. Electric wires are properly insulated. 4. Gloves are provided for safety. 5. Loose clothing and jewellery are prohibited; long hair must be secured in buns to prevent entanglement. 6. General rules of conduct are displayed. 7. Proper Earthing is done for Electrical safety.
2	Survey Laboratory	1. Students should wear safety shoes and caps. 2. First aid box and Fire extinguisher are kept in the laboratory 3. Gloves are provided for safety. 4. Loose clothing and jewellery are prohibited; long hair must be secured in buns to prevent entanglement. 5. General rules of conduct are displayed. 6. Proper Earthing is done for Electrical safety.
3	Environmental Laboratory	1. Students should wear safety gear and safety shoes 2. First aid box and Fire extinguisher are kept in the laboratory 3. Electric wires are properly insulated. 4. Gloves are provided for safety. 5. Loose clothing and jewellery are prohibited; long hair must be secured in buns to prevent entanglement. 6. General rules of conduct are displayed. 7. Proper Earthing is done for Electrical safety
4	Concrete Testing Laboratory	1. Students should wear safety gear and safety shoes 2. First aid box and Fire extinguisher are kept in the laboratory 3. Electric wires are properly insulated. 4. Gloves are provided for safety. 5. Loose clothing and jewellery are prohibited; long hair must be secured in buns to prevent entanglement. 6. General rules of conduct are displayed. 7. Proper Earthing is done for Electrical safety
5	Transportation Engineering Laboratory	1. Students should wear safety gear and safety shoes 2. First aid box and Fire extinguisher are kept in the laboratory 3. Electric wires are properly insulated. 4. Gloves are provided for safety. 5. Loose clothing and jewellery are prohibited; long hair must be secured in buns to prevent entanglement. 6. General rules of conduct are displayed. 7. Proper Earthing is done for Electrical safety
6	Geotechnical Engineering Laboratory	1. Students should wear safety gear and safety shoes 2. First aid box and Fire extinguisher are kept in the laboratory 3. Electric wires are properly insulated. 4. Gloves are provided for safety. 5. Loose clothing and jewellery are prohibited; long hair must be secured in buns to prevent entanglement. 6. General rules of conduct are displayed. 7. Proper Earthing is done for Electrical safety
7	Computer Lab	1. Electric wires are properly insulated. 2. General rules of conduct are displayed. 3. MCB boards are fixed to avoid overloading and short-circuiting in the lab. 4. Proper Earthing is done for Electrical safety

D3. Project Laboratory/Research Laboratory

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PART E: First Year faculty and financial Resources**(Data to be filled in for the first year course faculty and budget allocation and utilization)**

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage=((NS1*0.8) +(NS2*0.2))/RF
2023-24(CAYm2)	210	10	8	16	96
2024-25(CAYm1)	270	14	7	25	76
2025-26(CAY)	270	14	8	26	83

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

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

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Infrastructure Built-Up //	25479000	23163523	5100000	4315987	6130000	5107891	2850000	2381749
Library //	667000	595676	3333000	277975	1800000	1571827	150000	142156
Laboratory equipment //	21347000	18562860	16500000	13916029	6500000	5337269	9750000	8125523
Teaching and non-teaching staff salary //	30955000	26917942	34082000	28402111	30000000	25078169	26500000	22074781
Outreach Programs //	562000	502124	100000	82443	140000	115086	120000	99648
R&D //	416000	379054	2565000	2137250	215000	179595	220000	213573
Training, Placement and Industry linkage //	320000	286151	2240000	1945664	2500000	2154155	7500000	6384553
SDGs //	541000	483888	2200000	197027	1075000	892956	110000	103835
Entrepreneurship //	53000	55589	1015000	846547	750000	610237	650000	541880
Others, specify //	30193000	26255630	8400000	6997475	7710000	12403384	7000000	6572740
Total	110533000	97202437	75535000	59118508	56820000	53450569	54850000	46640438

E3. Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
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Laboratory equipment //	3371000	2931697	2200000	1843763.77	1075000	894256.76	1055000	879684.44
Software //	671000	568812	72000	60240.20	1031000	859417.34	750000	625041.48
SDGs //	556000	483888	32000	26957.42	352000	293399.83	23000	19228.70
Support for faculty development //	592000	502124	14500	11279.93	45000	37813.97	15000	12575
R & D //	435000	379054	350000	292420.52	70000	59009.79	45000	39550.56
Industrial Training, Industry expert, Internship //	314000	286151	320000	266207.55	1000000	707793.79	1350000	1182325.19
Miscellaneous Expenses* //	330000	300274	1150000	957401.01	2450000	2103969.03	1460000	1217174.07
Total	6269000	5452000	4138500	3458270.40	6023000	4955660.51	4698000	3975579.44