

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 : 1
Application No : 11983	Date of Submission : 30-06-2026

PART A- Profile of the Institute

A1.Name of the Institute : DR.AMBEDKAR INSTITUTE OF TECHNOLOGY	
Year of Establishment : 1980	Location of the Institute: Bengaluru
A2. Institute Address : OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI	
City: BANGALORE	State: Karnataka
Pin Code: 560056	Website: www.drait.edu.in
Email: PRINCIPAL@DR-AIT.ORG	Phone No (with STD Code): 080-23211506
A3. Name and Address of the Affiliating University (if any) :	
Name of the University : NIL	City: Belgaum
State : Karnataka	Pin Code: 590018
A4. Type of the Institution : Government Aided Institute	
A5. Ownership Status : Government Aided	

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

- No. of UG programs: **14**
- No. of PG programs: **8**

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	Computer Application	PG	Master of Computer Application	1999	--	Computer Application

2	Engineering & Technology	UG	Aeronautical Engineering	2020	--	Aeronautical Engineering
3	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2022	--	Artificial Intelligence and Machine Learning
4	Engineering & Technology	UG	Civil Engineering	1980	--	Civil Engineering
5	Engineering & Technology	PG	Computer Science & Engineering	2002	--	Computer Science and Engineering
6	Engineering & Technology	UG	Computer Science and Business Systems	2022	--	Computer Science and Business System
7	Engineering & Technology	UG	Computer Science and Engineering	1987	--	Computer Science and Engineering
8	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2025	--	Computer Science and Engineering (Data Science)
9	Engineering & Technology	UG	Electrical and Electronics Engineering	1980	--	Electrical and Electronics Engineering
10	Engineering & Technology	UG	Electronics & Communication Engineering	1982	--	Electronics and Communication Engineering
11	Engineering & Technology	UG	Electronics & Instrumentation Engineering	1985	--	Electronics and Instrumentation Engineering
12	Engineering & Technology	UG	Electronics and Communication Engineering (VLSI Design & Technology)	2025	--	Electronics and Communication Engineering
13	Engineering & Technology	UG	Electronics and Telecommunication Engineering	1990	--	Electronics and Telecommunication Engineering
14	Engineering & Technology	UG	Industrial Engineering & Management	1984	--	Industrial Engineering and Management

15	Engineering & Technology	UG	Information Science & Engineering	1992	--	Information Science and Engineering
16	Engineering & Technology	PG	Machine Design	2013	2025	Mechanical Engineering
17	Engineering & Technology	UG	Mechanical Engineering	1980	--	Mechanical Engineering
18	Engineering & Technology	PG	Power Electronics	2010	--	Electrical and Electronics Engineering
19	Engineering & Technology	PG	Robotics and Artificial Intelligence	2025	--	Mechanical Engineering
20	Engineering & Technology	PG	Structural Engineering	2011	--	Civil Engineering
21	Engineering & Technology	PG	VLSI Design and Embedded System	2004	--	Electronics and Communication Engineering
22	Management	PG	Master of Business Administration	2001	--	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
Civil Engineering	No	Civil Engineering	UG
Mechanical Engineering	Yes	Mechanical Engineering	UG

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

Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

No Record

PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY APPROVAL DETAILS	ACC STA
1	Civil Engineering	UG	1980 / --	40	Yes	2014	120	1980	F.No. South-West/1-46228412584/2026/EOA	Grar accn year peric peric

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. Syed Abu Sayeed Mohammed
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	120	120	120	120

N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	114	100	93	78	83	90	92
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	32	43	52	52	41	39
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	5	6	5	5	7	5	7
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	119	138	141	135	142	136	138

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	114	5	99.17
2024-25 (CAYm1)	120	100	6	88.33
2023-24 (CAYm2)	120	93	5	81.67

Average [(ER1 + ER2 + ER3) / 3] = 89.72≅ 17.00

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
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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)).	142.00	136.00	138.00
B=No. of students who graduated from the program in the stipulated course duration	134.00	120.00	122.00
Success Rate (SR)= (B/A) * 100	94.37	88.24	88.41

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 90.34

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

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
Mean of CGPA or mean percentage of all successful students(X)	6.70	7.32	6.32
Y=Total no. of successful students	85.00	81.00	78.00
Z=Total no. of students appeared in the examination	106.00	98.00	83.00
API [X*(Y/Z)]	5.37	6.05	5.94

Average API[(AP1+AP2+AP3)/3] : 5.79

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)	7.01	6.81	6.72
Y=Total no. of successful students	120.00	120.00	134.00
Z=Total no. of students appeared in the examination	124.00	130.00	138.00
API [X * (Y/Z)]	6.78	6.29	6.53

Average API [(AP1 + AP2 + AP3)/3] : 6.53

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)	6.49	6.34	7.01

Y=Total no. of successful students	109.00	134.00	121.00
Z=Total no. of students appeared in the examination	120.00	134.00	129.00
API [$X*(Y/Z)$]:	5.90	6.34	6.58

Average API [(AP1 + AP2 + AP3)/3] : 6.27

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	142.00	136.00	138.00
X=No. of students placed	83.00	85.00	86.00
Y=No. of students admitted to higher studies	5.00	9.00	6.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = $((X + Y + Z)/FS) * 100$:	61.97	69.12	66.67

Average Placement Index = (P_1 + P_2 + P_3)/3: 65.92 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)
1	Dr. Syed Abu Sayeed Mohammed	XXXXXXXX50F	Ph.D	Visvesvaraya Technological University	Environmental Engineering	13/08/2024	1.10	Assistant Professor	Associate Professor	15/11/2025	Regular	Yes

2	Dr. Kavitha S	XXXXXXXX80E	Ph.D	Dr. M.G.R. Educational and Research Institute	Structural Engineering	27/01/2023	3.4	Associate Professor	Professor	12/12/2023	Regular	Yes
3	Dr. S Vijaya	XXXXXXXX02P	Ph.D	University of Visvesvaraya College of Engineering	Construction Technology	01/04/1992	34.3	Lecturer	Professor	17/10/2010	Regular	Yes
4	S. B. Ankesh	XXXXXXXX51L	M.Tech	Visvesvaraya Technological University	Environmental Engg.	04/04/2015	11.2	Assistant Professor	Assistant Professor		Regular	Yes
5	Purnima K Biranagi	XXXXXXXX63Q	M.Tech	Visvesvaraya Technological University	Structural Engg.	18/01/2016	10.5	Assistant Professor	Assistant Professor		Regular	Yes
6	Supritha RM	XXXXXXXX99Q	M.Tech	Jain University	Building Science & Technology	17/01/2017	9.5	Assistant Professor	Assistant Professor		Regular	Yes
7	Mary Bhagya Jyothi J	XXXXXXXX29G	M.Tech	Visvesvaraya Technological University	Structural Engg.	17/12/2018	7.6	Assistant Professor	Assistant Professor		Regular	Yes
8	Naveen Kumar M	XXXXXXXX97M	M.E.	University of Visvesvaraya College of Engineering	Geotechnical Engg.	20/12/2018	7.6	Assistant Professor	Assistant Professor		Regular	Yes
9	Sharath B	XXXXXXXX28D	M.Tech	Manipal University	Construction Engg. Management	28/12/2018	7.4	Assistant Professor	Assistant Professor		Regular	No
10	Ashwin CA	XXXXXXXX46R	M.Tech	Visvesvaraya Technological University	Structural Engg.	29/10/2021	4.4	Assistant Professor	Assistant Professor		Regular	No
11	Sneha S D	XXXXXXXX56A	M.Tech	Visvesvaraya Technological University	Structural Engg.	29/10/2021	4.1	Assistant Professor	Assistant Professor		Regular	No

12	Rajeswari B	XXXXXXXX15Q	M.Tech	NIT Nagpur	Transportation Engineering	30/10/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes
13	Tejaswini BR	XXXXXXXX42N	M.Tech	University of Visvesvaraya College of Engineering	Geotechnical Engg.	19/11/2021	4.7	Assistant Professor	Assistant Professor		Regular	Yes
14	Dr. Radhika M Patel	XXXXXXXX17H	M.E. and Ph.D.	NIT Surathkal	Geotechnical Engg.	06/04/2022	4.2	Assistant Professor	Assistant Professor		Regular	Yes
15	Raghavendra N	XXXXXXXX84B	M.Tech	University of Visvesvaraya College of Engineering	Highway Engineering	04/04/2022	4.2	Assistant Professor	Assistant Professor		Regular	Yes
16	Dr. Hemanth Kumar V	XXXXXXXX61E	M.E. and Ph.D.	NIT Surathkal	Transportation Engineering	01/04/2022	4.2	Assistant Professor	Assistant Professor		Regular	Yes
17	Dr. Ashwini L K	XXXXXXXX08N	M.E. and Ph.D.	University of Visvesvaraya College of Engineering	Structural Engineering	16/01/2023	3.5	Assistant Professor	Assistant Professor		Regular	Yes
18	Dr. Arun B R	XXXXXXXX51M	M.E. and Ph.D.	University of Visvesvaraya College of Engineering	Construction Technology	16/02/2023	3.4	Assistant Professor	Assistant Professor		Regular	Yes
19	Dr. Naveen R	XXXXXXXX52A	M.E. and Ph.D.	University of Liverpool, Xi'an Jiaotong-Liverpool University	Structural Engineering	02/11/2023	2.7	Assistant Professor	Assistant Professor		Regular	Yes
20	Yashasvi H V	XXXXXXXX18R	M.Tech	Visvesvaraya Technological University	Structural Engineering	04/12/2023	2.6	Assistant Professor	Assistant Professor		Regular	Yes

21	Dr. Nagaraj V K	XXXXXXXX86J	Ph.D	Visvesvaraya Technological University	Structural Engineering	26/08/2024	1.9	Associate Professor	Associate Professor		Regular	Yes	
22	Shreyas H C	XXXXXXXX05P	M.Tech	Visvesvaraya Technological University	Hydraulics	21/08/2024	1.10	Assistant Professor	Assistant Professor		Regular	Yes	
23	Dr. Saravanan P	XXXXXXXX32A	Ph.D	Anna University	Hydrology & Water Resource Engineering	06/08/2024	1.10	Assistant Professor	Assistant Professor		Regular	Yes	
24	Vidyashree M G	XXXXXXXX92A	M.Tech	Visvesvaraya Technological University	Environmental Engineering	14/02/2025	1.4	Assistant Professor	Assistant Professor		Regular	Yes	
25	Dr. Manikandan P	XXXXXXXX07F	Ph.D	SRM University	Structural Engineering	03/03/2025	1.3	Associate Professor	Associate Professor		Regular	Yes	
26	Sneha D	XXXXXXXX35Q	M.Tech	Reva University	Structural Engineering	16/04/2025	1.2	Assistant Professor	Assistant Professor		Regular	Yes	
27	Dr. Eshwarayya B L	XXXXXXXX47L	Ph.D	NIT Surathkal	Structural Engineering	17/07/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes	
28	Dr. Sowmyashree T	XXXXXXXX41R	Ph.D	Visvesvaraya Technological University	Construction Technology	17/10/2025	0.8	Assistant Professor	Assistant Professor		Regular	Yes	
29	Dr. S S Honnagoudar	XXXXXXXX34F	Ph.D	NIT Surathkal	Geology	22/09/2020	4.8	Professor	Professor		Regular	No	:
30	Dr. Chandrasekar	XXXXXXXX08M	Ph.D	IIT Roorkee	Environmental Engg.	27/09/1997	27.3	Lecturer	Associate Professor	12/04/2012	Regular	No	:
31	Dr. Rakesh C	XXXXXXXX38C	Ph.D	University of Visvesvaraya College of Engineering	Geotechnical Engineering	29/10/2021	3.3	Assistant Professor	Assistant Professor		Regular	No	(
32	Dr. Chethan Kumar S	XXXXXXXX81K	Ph.D	Visvesvaraya Technological University	Structural Engineering	02/05/2023	1.4	Assistant Professor	Assistant Professor		Regular	No	:

33	Dr. C Nanjundaswamy	XXXXXXXX53J	Ph.D	IIT Roorkee	Environmental Engg.	06/12/2006	17.7	Professor	Professor		Regular	No	:
34	Dr. S. D. Venkatarajamohan	XXXXXXXX20K	Ph.D	University of Visvesvaraya College of Engineering	Environmental Engg.	04/12/1992	31.4	Lecturer	Professor	20/12/2012	Regular	No	:
35	Madhu KS	XXXXXXXX02N	M.Tech	Visvesvaraya Technological University	Structural Engg.	02/11/2021	2.2	Assistant Professor	Assistant Professor		Regular	No	:
36	Dr. M N Hegde	XXXXXXXX25M	Ph.D	IISc, Bengaluru	Structural Engg.	07/11/2020	3.2	Professor	Professor		Contractual Fulltime	No	:

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

C2. Student-Faculty Ratio (SFR)

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

UG1=1st UG program

UGn=nth UG program

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

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

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

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

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

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

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

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

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

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

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

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	132	132	132
UG1.C	132	132	132
UG1.D	132	132	132
UG1: Civil Engineering	396	396	396
PG1.A	18	18	18
PG1.B	18	18	18
PG1: Structural Engineering	36	36	36
DS=Total no. of students in all UG and PG programs in the Department	432	432	432
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= 432	S2= 432	S3= 432
DF=Total no. of faculty members in the Department	25	24	22
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= 25	F2= 24	F3= 22
FF=The faculty members in F who have a 100% teaching load in the first-year courses	3	3	3
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 19.64	SFR2= 20.57	SFR3= 22.74
Average SFR for 3 years	SFR= 20.98		

C3. Faculty Qualification

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

Table No.C3.1: Faculty qualification.

Year	X	Y	RF	FQ = 2.5 x [(10X + 4Y) / RF]
2025-26(CAY)	12	13	21.00	20.48
2024-25(CAYm1)	11	13	21.00	19.29

2023-24(CAYm2)	10	12	21.00	17.62
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C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	2.00	2.00	5.00	2.00	14.00	21.00
2024-25	2.00	3.00	5.00	1.00	14.00	20.00
2023-24	2.00	3.00	5.00	2.00	14.00	17.00
Average	RF1=2.00	AF1=2.67	RF2=5.00	AF2=1.67	RF2=14.00	AF2=19.33

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	0	0	0	0	0.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	0	0	0	0	0.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr.M N Hegde	Professor	Dr.Ambedkar Institute of technology	Advanced Design of steel structures	40.00

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	6	9	4
2	No. of peer reviewed conference papers published	1	7	3
3	No. of books/book chapters published	0	4	0

C7. Sponsored Research Project

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. Nagaraj V K	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Hydrophobicity Enhancement of Alkali Alluminosilicate Polymer With Bee Wax And Molasses As Natural Waterproofing Agents	Karnataka State Council for Science and Technology	01 Year	0.04
						Amount received (Rs.):0.04

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. Ashwini L K	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Feasibility Studies and Strength Evaluation of Paper Slurry and Granite Waste Sludge Concrete Specimens	Karnataka State Council for Science and Technology	01 Year	0.05
						Amount received (Rs.):0.05

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. S. D. Venkataraja Mohan	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Oil Extraction by Pyrolysis of Plastic Waste	Karnataka State Council for Science and Technology	01 Year	0.05
Dr. S.S. Honnanagoudar	Mr. Sharath B	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Epoxy Coated Bamboo as a Replacement for Steel in Structural Concrete Beams	Karnataka State Council for Science and Technology	01 Year	0.05
						Amount received (Rs.):0.10

Total Amount (Lacs) Received for the Past 3 Years: 0.19

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
Dr. Arun B R	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. National Projects Construction Corporation limited, Bangalore	30.11.24	0.01
Dr. Arun B R	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. Sands Infratech Developers India Pvt. Ltd.	7.11.24	0.01
Dr. Arun B R	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. Gururaj Bilur #177, 5th A Main, RHBCS Layout, Annapurneshwarinagar, Bengaluru -560056	9.8.24	0.01
Dr. Arun B R	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. H Anjaneya Swamy, Inorum Constructions, Bangalore	3.8.24	0.01
Dr. Arun B R	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. Gururaj Bilur #177, 5th A Main, RHBCS Layout, Annapurneshwarinagar, Bengaluru -560056	15.7.24	0.01
						Amount received (Rs.):0.05

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. Arun B R	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. Gururaj Bilur #177, 5th A Main, RHBCS Layout, Annapurneshwarinagar, Bengaluru -560056	15.6.24	0.01
Dr. Arun B R	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. Gururaj Bilur #177, 5th A Main, RHBCS Layout, Annapurneshwarinagar, Bengaluru -560056	24.5.24	0.01
Dr. Arun B R	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. GPR Enterprises, Nagrabhavi, Bangalore - 72	24.3.24	0.01
Supritha R M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s., Mr. R Sridhar and Mrs. Thara	18.3.24	0.01
Supritha R M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. Gururaj Bilur #177, 5th A Main, RHBCS Layout, Annapurneshwarinagar, Bengaluru -560056	11.3.24	0.01
Supritha R M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s., Mr. R Sridhar and Mrs. Thara	24.2.24	0.01
Supritha R M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	A C S Design Consulting Private Limited, Bangalore	29.11.23	0.01
Naveen Kumar M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Geotechnical Investigation	SCFSCS, Shivanapura, Hosakote, Bangalore Rural District	17.8.23	0.08
						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
Supritha R M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. VDS Constructions and Interiors #11, 2nd Floor, 60 feet Road, Mallathahalli, Bengaluru - 560056	10.11.22	0.01
Supritha R M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. Manjunath, Bhuvaneshwarinagar, Bangalore	27.7.22	0.01
Supritha R M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. Premkumar, #554, BTM Layout, 2nd Stage, Bangalore	26.7.22	0.01
Supritha R M	-	Department of Civil Engineering, Dr. Ambedkar Institute of Technology, Bengaluru	Compressive strength Concrete (15cm Cube) -3Set	M/s. MJ AND CO, 2nd Block, HRBR Layout, Kalyananagar, Bangalore	26.7.22	0.01
						Amount received (Rs.):0.04

Total amount (Lacs) received for the past 3 years: 0.24

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
-	-	-	0.00	0.00	0
			Amount received (Rs.): 0.00		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr. Naveen R	Studies on the utilization of sandwiched /hybrid FRP for rehabilitation of RCC structural elements	2 years	2.00	1.00	Ongoing
			Amount received (Rs.): 2.00		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
-	-	-	0.00	0.00	0
			Amount received (Rs.): 0.00		

Total amount (Lacs) received for the past 3 years : 2.00

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	Basic Materials Testing lab	21	Universal Testing Machines	Available	DEEKSHA BHO	Instructor	BE
2	Surveying	21	Total station	Available	BASAVARAJ JA	Foreman	Diploma

3	CAD Lab	21	Computers	Available	CHANDANA C	Instructor	MSc
4	Hydraulics Lab	21	Pelton wheel turbine	Available	DEEKSHA BHO	Instructor	BE
5	Concrete Technology Lab	21	VeeBee Consistometer	Available	BASAVARAJ JA	Foreman	Diploma
6	Highway Materials Testing Lab	21	Marshall Stability testing machine	Available	BASAVARAJ JA	Foreman	Diploma
7	Geo-Technical Engineering Lab	21	Universal Permeability apparatus	Available	CHEETHAN C	Instructor	BE
8	Environmental Engineering Lab	21	BOD incubator	Available	CHEETHAN C	Instructor	BE
9	Structures Lab-II	21	Computers	Available	CHANDANA C	Instructor	MSc

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Basic Materials Testing Lab	Protective cages around moving parts of Universal Testing Machines. Hydraulic oil leakage checks on loading frames. Warning posters about hand safety near the grips/jaws of testing machines.
2	Survey	Safe storage of surveying instruments (Total Station, Theodolites, Levels, Chains, and Tapes) in cushioned racks. Instruments are issued only under faculty/lab assistant supervision. Fire extinguisher available in the store room. Proper record-keeping for instrument issue/return to avoid mishandling. Regular inspection for damaged/loose tripod legs and optical instruments.

3	CAD Lab	Student footwear is not allowed to keep the lab dust-free. No student is allowed to open the computer CPUs
4	Hydraulics Lab	Proper drainage channels to avoid water spillage. Use of insulated wiring and earthing for pump motors. First-aid kit available; staff trained in handling minor injuries.
5	Concrete Technology Lab	Use of PPE while handling Cement and aggregates, especially face masks and safety goggles. Machines used to test concrete specimens are only handled by lab technicians. Safe loading, removal and disposal of specimens.
6	Highway Materials Testing Lab	Students are not allowed near heating facilities used for bitumen Machines are handled by the lab technicians. Strict safety precautions, such as the use of tongs to handle hot bitumen. Fire extinguishers are kept in a ready-to-use condition.
7	Geo-Technical Engineering Lab	Safety goggles and gloves are a must while performing experiments. Machinery operated by lab technicians.
8	Environmental Engineering Lab	Heating apparatuses are kept in sound condition to ensure proper operation. Safety goggles and gloves are a must while performing experiments. Chemicals are prepared and handled by lab technicians.
9	Concrete casting lab	Use of PPE while handling Cement and aggregates, especially face masks and safety goggles. Machines used to test concrete specimens are only handled by lab technicians.

D3. Project Laboratory/Research Laboratory

Project Laboratory

Sl. No.	Particulars	Project Laboratory																			
1	Name of Laboratory / Centre	Structural Engineering																			
2	Department	Civil Engineering																			
3	Year of Establishment	2017																			
4	Objectives	1. To provide students with facilities for designing, developing, testing, and implementing innovative projects 2.To establish specialized expert																			
6	Major Equipment Available	Two sets of loading frames, Compression testing machine, NDT devices, compressometers, LVDTs, Dial guages, Load cells, Carbonation cha																			
7	Student Capacity	18																			
8	Courses Supported	Concrete and Structural Engineering																			
9	Student Projects Conducted	2																			
10	Faculty Research Projects	3																			
11	Publications	2																			
12	Patents / Copyrights	0																			
13	Laboratory Utilization	Weekly																			
14	Safety Facilities	PPEs, Fire extinguisher.																			
15	Contribution to COs / POs / PSOs	Enables students to apply theoretical concepts in practical projects; develops skills in design, implementation, testing, analysis and document																			
Facility	CO1	CO2	CO3	CO4	CO5	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	
Project Laboratory	3	3	3	2	3	3	3	3	2	3	1	1	1	3	2	2	2	3	3	3	





Figure 1a:Project laboratory/Rsearch laboratory

RESEARCH CENTRE DEPT. OF CIVIL ENGG.

R & D
CENTER

MODEL ROOM

CONCRETE MIXER

Figure 1b:Project laboratory/Rsearch 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.

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)	1050	52	53	16	88
2024-25(CAYm1)	1170	58	54	17	80
2025-26(CAY)	1290	64	57	21	78

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	3803000.00	2785207.00	4522998.00	1702522.00	3684000.00	207146.00	4831000.00	869986.00
Library	3994501.00	1142367.00	4277968.00	1372989.00	2431735.00	666780.00	3319000.00	9973.00
Laboratory equipment	51239700.00	37316809.00	40180790.00	37849801.00	45777500.00	6257660.00	62942000.00	2193098.00

Teaching and non-teaching staff salary	595939523.30	541763203.00	487517649.30	443197863.00	539439558.90	490399599.00	550048836.70	500044397.00
Outreach Programs	7487438.64	6806762.40	18458271.15	16780246.50	18588676.43	16898796.75	97066702.26	88242456.60
R&D	7350000.00	5766030.00	6900000.00	3122847.00	5021000.00	9426842.00	7872000.00	5283536.00
Training, Placement and Industry linkage	16650175.40	14758487.00	6335196.70	1315083.00	26304214.50	15184004.00	19307555.30	17552323.00
SDGs	7487438.64	6806762.40	18458271.15	16780246.50	2443688.68	16898796.75	97066702.26	88242456.60
Entrepreneurship	4991625.76	4537841.60	12305514.10	11186831.00	12392450.95	11265864.50	64722134.84	58838304.40
Others, specify	29954099.26	27227049.60	73833084.60	67120986.00	74354705.70	67595187.00	388266809.04	352969826.40
Total	728897502.00	648910519.00	672789743.00	600429415.00	730437530.16	634800676.00	1295442740.40	1114246357.00

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

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

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	658700	568582	364800	309296	2352000	662975	2287000	1483776
Software	2000000	873000	2592000	1714068	2000000	1521967	25600	25600
SDGs	212500	138283	150000	112980	250000	195000	68700	68700
Support for faculty development	212500	207423	150000	129085	250000	143244	17800	17800
R & D	200000	146424	700000	311125	300000	235000	23000	23000

Industrial Training, Industry expert, 	565000	379683	245319	132750	183350	79925	45000	32600
Miscellaneous Expenses* 	488800	414848	1248270	598245	515500	429835	32800	16500
Total	4337500	2728243	5450389	3307549	5850850	3267946	2499900	1667976