

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 : 12076	Date of Submission : 22-08-2026

PART A- Profile of the Institute

A1.Name of the Institute : SHRI SHIVAJI VIDYA PRASARAK SANSTHA'S LATE BAPUSAHEB SHIVAJIRAO DEORE COLLEGE OF ENGINEERING, DHULE	
Year of Establishment : 1983	Location of the Institute: Dhule
A2. Institute Address :DHULE MAHARASHTRA 424005	
City:Dhule	State:Maharashtra
Pin Code:424005	Website:www.ssvpsengg.ac.in
Email:PRINCI.SSVPS@GMAIL.COM	Phone No(with STD Code):02562-272713
A3. Name and Address of the Affiliating University (if any):	
Name of the University : Dr. Babasaheb Ambedkar Technological University, L	City: Raigad
State : Maharashtra	Pin Code: 402103
A4. Type of the Institution : Self-Supported Institute	
A5. Ownership Status : Self financing	

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

- No. of UG programs: 6
- No. of PG programs: 2

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	Civil Engineering	1983	--	Civil Engineering
2	Engineering & Technology	UG	Computer Engineering	1988	--	Computer Engineering
3	Engineering & Technology	UG	Electronics and Computer Engineering	2024	--	Electronics and Computer Engineering
4	Engineering & Technology	UG	Electronics and Telecommunication Engineering	1999	--	Electronics and Telecommunication Engineering
5	Engineering & Technology	UG	Electronics Engineering	1983	--	Electronics Engineering
6	Engineering & Technology	PG	Infrastructure Engineering & Management	2011	2023	Civil Engineering
7	Engineering & Technology	UG	Mechanical Engineering	1986	--	Mechanical Engineering
8	Management	PG	Master of Business Administration	2007	--	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

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
1	Civil Engineering	UG	1983 / --	60	No	NA	60	1983	F.No. Western/1-44642671179/2025/EOA

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 :	Jitendra Narayan Vyas
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	60	60	40	46	38	35	27
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	9	27	25	30	38	44
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	4	6	3	3	4	3	4
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	64	75	70	74	72	76	75

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	60	4	106.67
2024-25 (CAYm1)	60	60	6	110.00
2023-24 (CAYm2)	60	40	3	71.67

Average [(ER1 + ER2 + ER3) / 3] = 96.11± 20.00

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).	72.00	76.00	75.00
B=No. of students who graduated from the program in the stipulated course duration	49.00	62.00	59.00
Success Rate (SR)= (B/A) * 100	68.06	81.58	78.67

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 76.10

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)	6.67	5.90	6.28
Y=Total no. of successful students	48.00	32.00	36.00
Z=Total no. of students appeared in the examination	66.00	43.00	49.00
API [X*(Y/Z)]	4.85	4.39	4.61

Average API [(AP1+AP2+AP3)/3] : 4.62

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)	5.60	5.80	5.65
Y=Total no. of successful students	56.00	53.00	55.00
Z=Total no. of students appeared in the examination	59.00	61.00	67.00
API [X * (Y/Z)]	5.32	5.04	4.64

Average API [(AP1 + AP2 + AP3)/3] : 5.00

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)	6.60	6.30	7.40
Y=Total no. of successful students	51.00	55.00	71.00
Z=Total no. of students appeared in the examination	53.00	55.00	72.00
API [X*(Y/Z)]:	6.35	6.30	7.30

Average API [(AP1 + AP2 + AP3)/3] : 6.65

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	72.00	76.00	75.00
X=No. of students placed	14.00	10.00	8.00
Y=No. of students admitted to higher studies	3.00	5.00	4.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	23.61	19.74	16.00

Average Placement Index = (P_1 + P_2 + P_3)/3: 19.78 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 Associatec (Y/N)
1	Jitendra Narayan Vyas	XXXXXXX44M	Ph.D	SunRise University, Alwar	Building Science &Technology	19/05/2008	18.2	Lecturer	Associate Professor	09/12/2024	Regular	Yes
2	Sangeeta Dipak Agrawal	XXXXXXX17E	M.E.	North Maharashtra University, Jalgaon	Building Science and Technology	02/07/2007	19.1	Lecturer	Assistant Professor		Regular	Yes
3	Hemant Amrutrao Kuwar	XXXXXXX28M	M.E.	NMU, Jalgaon	Environmental Engg.	07/05/2013	13.2	Assistant Professor	Assistant Professor		Regular	Yes

4	Walmik Shankar Marathe	XXXXXXXX02L	M.E.	North Maharashtra University, Jalgaon	Building Science and Technology	20/07/2012	14	Assistant Professor	Assistant Professor		Regular	Yes
5	Nirmal Rahul Borse	XXXXXXXX95E	M.Tech	Sandip University Nashik	Environmental Engg.	27/07/2019	7	Assistant Professor	Assistant Professor		Regular	Yes
6	Sandeep Prabhudas Tembhurkar	XXXXXXXX26F	Ph.D	VNIT Nagpur	Construction Technology and Management	26/08/2024	1.11	Associate Professor	Associate Professor	26/08/2024	Regular	Yes
7	Kalyani Pramod Vanjari	XXXXXXXX63G	M.E.	Savitribai Phule University, Pune	Structural Engg.	13/09/2022	3.7	Assistant Professor	Assistant Professor		Regular	No
8	Priti Pramod Patil	XXXXXXXX63M	Ph.D	North Maharashtra University, Jalgaon	Building Science and Technology	28/08/2023	2.11	Assistant Professor	Assistant Professor		Regular	Yes
9	Khalid Iqbal Zahid Iqbal Ansari	XXXXXXXX92K	M.E.	KBC NMU, Jalgaon	Environmental Engg.	26/08/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes
10	Dipali Prakash Khalane	XXXXXXXX06M	M.E.	NMU, Jalgaon	Infrastructure Engineering and management	11/01/2025	1.6	Assistant Professor	Assistant Professor		Regular	Yes
11	Amardeep Satyanarayan Meena	XXXXXXXX91H	Ph.D	NIT, Jalandhar, Punjab	Structural Engineering	08/04/2025	1.3	Associate Professor	Associate Professor	08/04/2025	Regular	Yes
12	Kalyani Prabhakar Patil	XXXXXXXX13N	M.Tech	Govt College of Engg Amravati	Geotechnical Enginneing	01/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes
13	Vijaya Gulab Marathe	XXXXXXXX77M	M.E.	Savitribai Phule University, Pune	Geotechnical Engineering	25/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes
14	Shailendra Damodhar Dubey	XXXXXXXX26G	Ph.D	Pune University	Structural Engg.	01/01/1987	38.8	Lecturer	Professor	02/08/2021	Regular	No
15	Purva Paramanand Rathod	XXXXXXXX78R	M.Tech	RGPV, Bhopal	Environmental Engg.	13/09/2022	2.7	Assistant Professor	Assistant Professor		Regular	No
16	Dhanashri Bhimrao Pawar	XXXXXXXX33P	M.E.	North Maharashtra University, Jalgaon	Infrastructure Engineering and management	27/07/2018	5.9	Assistant Professor	Assistant Professor		Regular	No
17	Dinanjali Shivaji Patil	XXXXXXXX08P	M.E.	North Maharashtra University, Jalgaon	Infrastructure Engineering and management	18/07/2019	5.9	Assistant Professor	Assistant Professor		Regular	No
18	Pavan Surendra Pawar	XXXXXXXX87R	M.Tech	SVNIT, Surat	Soil Mechanics and Foundation Engineering	27/07/2018	5.9	Assistant Professor	Assistant Professor		Regular	No
19	Abhay Vijay Bhadlikar	XXXXXXXX45K	MS	RGPV, Bhopal	Structural Engg.	01/01/2011	13.4	Assistant Professor	Assistant Professor		Regular	No
20	Chaitanya Jayant Navarkar	XXXXXXXX28G	M.Tech	Shivaji University, Kolhapur	Environmental Engg.	16/01/2020	4.3	Assistant Professor	Assistant Professor		Regular	No
21	Pandharinath Namdeo Patil	XXXXXXXX73Q	M.E.	Shivaji University, Kolhapur	Construction and Management	23/07/1986	40	Lecturer	Assistant Professor		Regular	Yes
22	Chetan Jaiprakash Chitte	XXXXXXXX94Q	Ph.D	Amity University, Mumbai	Structural Dynamics, Earthquake Engineering	05/12/2025	0.7	Associate Professor	Associate Professor	05/12/2025	Regular	Yes
23	Rajendra Dinkar Patil	XXXXXXXX26D	M.E.	North Maharashtra University, Jalgaon	Building Science and Technology	05/12/2025	0.7	Assistant Professor	Assistant Professor		Regular	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	66	66
UG1.C	66	66	66
UG1.D	66	66	66
UG1: Civil Engineering	198	198	198
DS=Total no. of students in all UG and PG programs in the Department	198	198	216
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= 198	S2= 198	S3= 216
DF=Total no. of faculty members in the Department	14	13	15
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= 14	F2= 13	F3= 15
FF=The faculty members in F who have a 100% teaching load in the first-year courses	4	3	2
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 19.80	SFR2= 19.80	SFR3= 16.62
Average SFR for 3 years	SFR= 18.74		

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	$FQ = 2.5 \times [(10X + 4Y) / RF]$
2025-26(CAY)	3	11	9.00	20.56
2024-25(CAYm1)	2	11	9.00	17.78
2023-24(CAYm2)	1	14	10.00	16.50

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	1.00	0.00	2.00	3.00	7.00	11.00
2024-25	1.00	1.00	2.00	1.00	7.00	11.00

2023-24	1.00	1.00	2.00	0.00	7.00	14.00
Average	RF1=1.00	AF1=0.67	RF2=2.00	AF2=1.33	RF2=7.00	AF2=12.00

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	NIL	NIL	NIL	NIL	0.00

(CAYm2)

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

(CAYm3)

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

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	8	10	6
2	No. of peer reviewed conference papers published	6	1	4
3	No. of books/book chapters published	1	0	1

C7. Sponsored Research Project

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

(CAYm1)

(CAYm2)

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: NIL**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. Hemant A Kuwar	Dr. S.D. AGRAWAL	SSVPS BS DEORE ENGINEERING COLLEGE DHULE UNDER UNNAT MAHARASHTRA ABHIYAN	15 th FINANCE PAY COMMISSION SCHEME	ZILLHA PARISHAD DHULE	3 YEARS	110000.00
MR.W.S. Marathe	Dr. S.D. AGRAWAL	SSVPS BS DEORE ENGINEERING COLLEGE DHULE	MATERIAL TESTING	CONTRACTOR	10 YEARS	60000.00
						Amount received (Rs.):170000.00

(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. Hemant A Kuwar	Dr. Shailendra K. Dubey	SSVPS BS DEORE ENGINEERING COLLEGE DHULE UNDER UNNAT MAHARASHTRA ABHIYAN	SOLID AND LIQUID WASTE MANAGEMENT	ZILLHA PARISHAD DHULE	3 YEARS	350000.00
Mr. Hemant A Kuwar	Dr. Shailendra K. Dubey	SSVPS BS DEORE ENGINEERING COLLEGE DHULE UNDER UNNAT MAHARASHTRA ABHIYAN	15 th FINANCE PAY COMMISSION SCHEME	ZILLHA PARISHAD DHULE	3 YEARS	50000.00
						Amount received (Rs.):400000.00

(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. Hemant A Kuwar	Dr. Shailendra K. Dubey	SSVPS BS DEORE ENGINEERING COLLEGE DHULE UNDER UNNAT MAHARASHTRA ABHIYAN	15 th FINANCE PAY COMMISSION SCHEME	ZILLHA PARISHAD DHULE RURAL WATER SUPPLY DEPARTMENT	3 YEARS	382435.00
Mr. Hemant A Kuwar	Dr. Shailendra K. Dubey	SSVPS BS DEORE ENGINEERING COLLEGE DHULE UNDER UNNAT MAHARASHTRA ABHIYAN	JAL JIVAN MISSION	ZILLHA PARISHAD DHULE RURAL WATER SUPPLY DEPARTMENT	2 YEARS	216133.00
Mr. Hemant A Kuwar	Dr. Shailendra K. Dubey	SSVPS BS DEORE ENGINEERING COLLEGE DHULE	MATERIAL TESTING	CONTRACTOR	10 YEARS	89500.00
Mr. Hemant A Kuwar	Dr. Shailendra K. Dubey	SSVPS BS DEORE ENGINEERING COLLEGE DHULE	WATER TANK	CONTRACTOR	10 YEARS	35000.00
						Amount received (Rs.):723068.00

Total amount (Lacs) received for the past 3 years: 1293068.00

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
NA	NA	NA	0.00	0.00	NA
			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
NA	NA	NA	0.00	0.00	NA
			Amount received (Rs.): 0.00		

(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
NA	NA	NA	0.00	0.00	NA
			Amount received (Rs.): 0.00		

Total amount (Lacs) received for the past 3 years : 0.00

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	Engineering Mechanics-I	20	Beam Reaction app.Jib crane,Bell Crank Lever,Universal Force	14 Hrs	Mr.Aamir Khan	Technical Assis	DCE
2	Engineering Mechanics-II	20	Beam Reaction app.Jib crane,Bell Crank Lever,Universal Force	16 Hrs	Mr.Aamir Khan	Technical Assis	DCE
3	Material Testing Lab	18	Vicat apparatus , Le – chateleir apparatus,CTM,UTM, Slump test	6 Hrs	Mr.Aamir Khan	Technical Assis	DCE
4	Computer Lab	18	Personal Computer	6 Hrs	Mr.S.R. Jadhav	Technical Assis	BSC
5	Environment Engineering	18	Digital Ph meter, Digital Turbidity meter, Spectrophotomete, Jar test	6 Hrs	Mr.S.R. Jadhav	Technical Assis	BSC

6	Fluid Mechanics	18	Pipe Friction Apparatus, Venturimeter & Orifice meter, Losses In Pipes	6 Hrs	Mr.Aamir Khan	Technical Assis	DCE
7	Geotechnical Engineering	18	Direct shear apparatus, Compaction test apparatus, Proctor compaction	6 Hrs	Mr.Aamir Khan	Technical Assis	DCE
8	Engineering Geology	18	Core log sample	8 Hrs	Mr.S.R. Jadhav	Technical Assis	DCE
9	Surveying Lab	18	Transit vernier theodolite with stand, Auto level with stand, Dumpy level	6 Hrs	Mr.Aamir Khan	Technical Assis	DCE

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Engineering Mechanics-I	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board
2	Engineering Mechanics-II	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board
3	Material Testing Lab	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board., Equipment Procedure for Safely Handling
4	Computer Lab	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board
5	Environmental Engineering	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board., Equipment Procedure for Safely Handling.
6	Fluid Mechanics	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board., Equipment Procedure for Safely Handling.
7	Geotechnical Engineering	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board., Equipment Procedure for Safely Handling
8	Engineering Geology	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board.
9	Surveying Lab	Fire Extinguishers, First Aid Kit (Common Facility), Safety informatory board

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 $((NS1*0.8) + (NS2*0.2)) / (\text{No. of required faculty (RF4)})$; Percentage= $((NS1*0.8) + (NS2*0.2)) / RF$

2023-24(CAYm2)	360	18	5	38	64
2024-25(CAYm1)	570	28	10	39	56
2025-26(CAY)	720	36	15	48	60

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	8050500	7779747	3500000	3147327	6500000	6340190	2500000	2350206
Library	270000	269984	390000	388729	300000	284549	190000	184980
Laboratory equipment	6360000	4327302	11560000	9571415	6200000	5876573	2395000	1727166
Teaching and non-teaching staff salary	120227000	120226417	98910782	98910782	102919080	102919080	109161262	109161262
Outreach Programs	0	0	300000	295471	217487	217487	10000	6000
R&D	210000	151720	400000	276070	115000	36572	80000	7015
Training, Placement and Industry linkage	355000	129208	279000	54235	280000	40000	240000	49890
SDGs	115000	0	110000	0	110000	0	75000	0
Entrepreneurship	35000	28500	30000	26400	0	0	0	0
Others, specify	40000000	33520883	30000000	28919530.56	35000000	34118581.39	34000000	33385697
Total	175622500	166433761	145479782	141589959.56	151641567	149833032.39	148651262	146872216

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	300000	302932	1600000	704231	400000	0	35000	0
Software	25000	0	25000	0	25000	0	150000	0
SDGs	25000	0	25000	0	25000	0	25000	0
Support for faculty development	5000	5000	5000	5000	5000	5000	5000	5000
R & D	25000	25000	25000	0	25000	0	25000	0
Industrial Training, Industry expert,	50000	0	50000	0	50000	0	50000	0
Miscellaneous Expenses*	90000	41000	87000	65170	103000	87500	51000	36000
Total	520000	373932	1817000	774401	633000	92500	341000	41000