

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Computer Engineering	Discipline : Engineering & Technology
Level : Under Graduate	Tier : 2
Application No : 12070	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
Computer Engineering	No	Computer 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 ARROVAL DETAILS
1	Computer Engineering	UG	1988 / --	60	Yes	2024	240	2024	F.No. Western/1-43659918610/2024/EOA

Sanctioned Intake for Last Five Years for the Computer Engineering

Academic Year	Sanctioned Intake
2025-26	240
2024-25	240
2023-24	120
2022-23	120
2021-22	120
2020-21	120

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 :	Indrabhan Supadu Borse
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)	240	240	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	233	240	120	120	120	115	109
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	36	19	15	15	26	35
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	31	32	14	19	17	15	6
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	264	308	153	154	152	156	150

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)	240	233	31	110.00
2024-25 (CAYm1)	240	240	32	113.33
2023-24 (CAYm2)	120	120	14	111.67

Average [(ER1 + ER2 + ER3) / 3] = 111.67≅ 100

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).	152.00	156.00	150.00
B=No. of students who graduated from the program in the stipulated course duration	134.00	150.00	145.00
Success Rate (SR)= (B/A) * 100	88.16	96.15	96.67

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 93.66

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)	7.05	7.18	6.89
Y=Total no. of successful students	233.00	124.00	129.00
Z=Total no. of students appeared in the examination	272.00	134.00	139.00
API [X*(Y/Z)]	6.04	6.64	6.39

Average API [(AP1+AP2+AP3)/3] : 6.36

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)	7.84	7.73	7.82
Y=Total no. of successful students	143.00	137.00	135.00
Z=Total no. of students appeared in the examination	143.00	144.00	152.00
API [X * (Y/Z)]	7.84	7.35	6.95

Average API [(AP1 + AP2 + AP3)/3] : 7.38

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)	7.89	7.86	8.34
Y=Total no. of successful students	137.00	135.00	151.00
Z=Total no. of students appeared in the examination	137.00	135.00	153.00
API [X*(Y/Z)]:	7.89	7.86	8.23

Average API [(AP1 + AP2 + AP3)/3] : 7.99

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	152.00	156.00	150.00
X=No. of students placed	60.00	53.00	130.00
Y=No. of students admitted to higher studies	0.00	2.00	1.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	39.47	35.26	87.33

Average Placement Index = (P_1 + P_2 + P_3)/3: 54.02 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)	Current Association (Y/N)
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1	Hitendra Dhansing Patil	XXXXXXXX67P	Ph.D	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Computer Engineering	01/08/1994	32	Lecturer	Professor	18/06/2011	Regular	Yes
2	Indrabhan Supadu Borse	XXXXXXXX36G	Ph.D	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	15/01/2004	22.7	Lecturer	Associate Professor	01/07/2023	Regular	Yes
3	Surekha Hitendra Patil	XXXXXXXX65E	Ph.D	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	08/07/1999	27.1	Lecturer	Associate Professor	01/06/2021	Regular	Yes
4	Rajendra Vasant Patil	XXXXXXXX64D	Ph.D	SunRise University, Alwar	Computer Science & Engineering	15/07/2003	23.1	Lecturer	Assistant Professor		Regular	Yes
5	Shailesh Shivajirao Deore	XXXXXXXX24E	Ph.D	Shri Jagdishprasad Jhabarmal Tibrewala University, Jhunjhunu	Computer Engineering	25/08/2004	21.11	Lecturer	Associate Professor	27/06/2016	Regular	Yes
6	Manesh Prakashrao Patil	XXXXXXXX32F	Ph.D	P.K. University, Shivpuri	Computer Engineering	15/07/2005	21.1	Lecturer	Assistant Professor		Regular	Yes
7	Vishal Ramdas Deshmukh	XXXXXXXX23F	Ph.D	P.K. University, Shivpuri	Computer Engineering	01/06/2009	17.2	Assistant Professor	Assistant Professor		Regular	Yes
8	Bharati Devidas Patil	XXXXXXXX73G	M.E.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	08/11/2014	11.9	Assistant Professor	Assistant Professor		Regular	Yes
9	Mayur Narendra Agrawal	XXXXXXXX20P	Ph.D	SunRise University, Alwar	Computer Science & Engineering	14/07/2015	11.1	Assistant Professor	Assistant Professor		Regular	Yes
10	Manish Rajendraprasad Tiawari	XXXXXXXX31A	M.E.	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	08/06/2022	4.2	Assistant Professor	Assistant Professor		Regular	Yes
11	Puja Piyush Patil	XXXXXXXX40F	M.Tech	Savitribai Phule Pune University, Pune	Computer Science	08/06/2022	4.2	Assistant Professor	Assistant Professor		Regular	Yes
12	Hemant Pramod Mande	XXXXXXXX60M	M.E.	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal	Software Systems	28/08/2022	3.11	Assistant Professor	Assistant Professor		Regular	Yes
13	Priti Sahebrao Gangurde	XXXXXXXX88N	M.Tech	Dr. Babasaheb Ambedkar Technological University, Lonere	Computer Engineering	25/08/2022	3.11	Assistant Professor	Assistant Professor		Regular	Yes
14	Amruta Harshal Badgujar	XXXXXXXX06G	M.Tech	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal	Computer Engineering	21/08/2023	2.11	Assistant Professor	Assistant Professor		Regular	Yes
15	Reema Satish Kalda	XXXXXXXX55L	M.E.	North Maharashtra University, Jalgaon	E&TC	15/12/2011	14.8	Assistant Professor	Assistant Professor		Regular	Yes
16	Anmol Suresh Suryavanshi	XXXXXXXX65J	Ph.D	Oriental University, Indore	Computer Science & Engineering	20/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes
17	Roshani Raosaheb Borase	XXXXXXXX08Q	M.E.	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal	Data Science	20/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes

18	Bhagyashri Bhaskar Jawale	XXXXXXXX52B	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	20/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes
19	Monika Hanumantrao Patil	XXXXXXXX05P	M.E.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Science & Engineering	20/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes
20	Tukaram Hiranam Pawar	XXXXXXXX73R	M.E.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	01/08/2023	3	Assistant Professor	Assistant Professor		Regular	Yes
21	Nikita Arun Mahajan	XXXXXXXX31K	M.Tech	Lovely Professional University, Punjab	Computer Science & Engineering	20/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes
22	Mohan Madhukar Pawar	XXXXXXXX68R	M.Tech	Rajiv Gandhi Proudlyogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	08/08/2014	12	Assistant Professor	Assistant Professor		Regular	Yes
23	Bhushan Shantilal Parakh	XXXXXXXX95L	M.Tech	Rajiv Gandhi Proudlyogiki Vishwavidyalaya, Bhopal	Software Systems	17/08/2022	3.4	Assistant Professor	Assistant Professor		Regular	No
24	Bhalchandra Rohidas Mandre	XXXXXXXX73E	Ph.D	SunRise University, Alwar	Computer Science & Engineering	18/08/1994	30.7	Lecturer	Associate Professor	05/08/2023	Regular	No
25	Deepak Yashwantrao Bhadane	XXXXXXXX42M	M.Tech	Rajiv Gandhi Proudlyogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	05/07/2005	18.11	Lecturer	Assistant Professor		Regular	No
26	Harshal Girish Deore	XXXXXXXX45A	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	20/08/2024	0.8	Assistant Professor	Assistant Professor		Regular	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 yearStudent 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 Department0

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	264	132	132
UG1.C	132	132	132
UG1.D	132	132	132
UG1: Computer Engineering	528	396	396
DS=Total no. of students in all UG and PG programs in the Department	528	396	396
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= 528	S2= 396	S3= 396
DF=Total no. of faculty members in the Department	21	18	20

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
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= 21	F2= 18	F3= 20
FF=The faculty members in F who have a 100% teaching load in the first-year courses	0	0	0
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 25.14	SFR2= 22.00	SFR3= 19.80
Average SFR for 3 years	SFR= 22.31		

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)	6	15	26.00	11.54
2024-25(CAYm1)	3	15	19.00	11.84
2023-24(CAYm2)	4	16	19.00	13.68

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	3.00	1.00	6.00	2.00	18.00	18.00
2024-25	2.00	1.00	4.00	2.00	13.00	15.00
2023-24	2.00	1.00	4.00	3.00	13.00	16.00
Average	RF1=2.33	AF1=1.00	RF2=4.67	AF2=2.33	RF2=14.67	AF2=16.33

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)

(CAYm2)

(CAYm3)

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	29	21	6
2	No. of peer reviewed conference papers published	18	9	5
3	No. of books/book chapters published	3	1	0

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. Mohan M. Pawar		CET Cell, Mumbai	MHT-CET-MBA-2025 EXAM	AssessInfra Technology Pvt Ltd	08 Days	1.45
Mr. Mohan M. Pawar		CET Cell, Mumbai	MHT-CET-LLB-2025 EXAM	AssessInfra Technology Pvt Ltd	10 Days	1.81
Mr. Mohan M. Pawar		CET Cell, Mumbai	MHT-CET-PCM-PCB-2025 EXAM	AssessInfra Technology Pvt Ltd	01 Month	2.88
						Amount received (Rs.):6.14

(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
						Amount received (Rs.):0

(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 B.R.Mandre		CET Cell, Mumbai	MHT-CET-2023 EXAM (B.Ed)	AssessInfra Technology Pvt Ltd	08 days	0.88
Dr B.R.Mandre		CET Cell, Mumbai	MHT-CET-PCM-PCB-2023 EXAM	AssessInfra Technology Pvt Ltd	01 Month	1.15
						Amount received (Rs.):2.03

Total amount (Lacs) received for the past 3 years: 8.17**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)

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years :**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	Database System Lab	20	Desktop PC CPU Intel core i7 – 6th generation 8GB DDR4 RAM, 256 GB SSD, Windows 10 Pro	45%	Mr. Pramod Sis	Programmer	B.Sc. Compute
2	Linux Lab	22	Desktop PC CPU Intel core i7 – 7th generation 8GB DDR4 RAM, 256 GB SSD, Windows 10 Pro	40%	Mr. Pramod Si	Programmer	B.Sc. Comput
3	Artificial Intelligence Lab	20	Desktop PC CPU Intel core i7 – 7th generation 8GB DDR4 RAM, 256 GB SSD, Windows 10 Pro	38%	Mr. Pramod Si	Programmer	B.Sc. Comput
4	Cloud Computing Lab	20	Desktop PC CPU Intel core i7 – 7th generation 8GB DDR4 RAM, 256 GB SSD, Windows 10 Pro	17%	Mr. Paresh Pat	Lab Assistant	B.E. Compute

5	Software Engineering Lab	20	Desktop PC CPU Intel core i7 – 7th generation 8GB DDR4 RAM, 256 GB SATA SSD, 18.5" Monitor, 40.5"	40%	Mr. Paresh Pa	Lab Assistant	B.E. Compute
6	Data Structure Lab	20	ACER Desktop Intel Dual Core, 4GB RAM, 500GB HDD, USB Keyboard, Mouse, 40.5" Monitor, 40.5"	45%	Mr. Vishal Patil	Hardware Netv	MSC
7	Object Oriented Programming Lab	20	BRHP 5800 Core intel i5 2nd Generation, 4GB DDR III RAM, 500GB HDD, USB Keyboard, Mouse	40%	Mr. Paresh Pa	Lab Assistant	B.E. Compute
8	Network Lab	20	HCL Infinity L-A380 Intel H61, Intel Core I3 3.3 GHz, USB Mouse, Keyboard, 4GB RAM, 500GB HDD	45%	Mr. Kantilal Pa	Lab Assistant	MSC
9	Python Lab	20	BRHP 5800 Core intel i5 2nd Generation, 4GB DDR III RAM, 500GB HDD, Keyboard, Mouse, 40.5"	40%	Mr. Kantilal Pa	Lab Assistant	MSC
10	Competitive Programming Lab	20	Desktop PC CPU Intel core i7 – 6th generation 8GB DDR4 RAM, 256 GB SATA SSD, 18.5" Monitor, 40.5"	40%	Mr. Vishal Patil	Hardware Netv	MSC

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Database System Lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
2	Linux Lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
3	Artificial Intelligence Lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
4	Computer Center Lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
5	Software Engineering	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
6	Digital Electronics Lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
7	Data Structure lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
8	Object Oriented Lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
9	Network Lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.
10	Python Lab	1. General Rules of Conduct in Laboratories are displayed. 2. First aid box, Fire extinguishers are kept in the laboratory. 3. CCTV camera attached in all labs. 4. Periodical servicing of the lab equipment. 5. Maintain a clean and organized laboratory. 6. Avoiding the use of cell phones. 7. Sign the entry register during the practical hours. 8. Computers should be turned off properly before leaving the lab.

D3. Project Laboratory/Research Laboratory

Students carry out their project work in the project laboratory. Students also take part in Hackathon and other state and national level project competitions. The project topics include IoT, Machine Learning, Data Mining, Augmented Reality etc. Software and hardware resources are available for students in the project lab and students make use of these software/tools for carrying out project work. The college provides funding for technical events, BE projects and product development. Project Lab Details are shown in Table Facility and utilization of Project lab is mentioned in Table 7.5.a

Table 7.5.a Project Lab Details

Sr.No.	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students' are expected to have enhanced learning
1.	Project Lab	1 No. Projector. + 20 No. PC	Developing Innovative projects in the field of IoT, Machine Learning, Blockchain, and Cloud Computing.	51%	IoT, Machine Learning, Block Chain, Cloud Computing, Image Processing, etc

Table 7.5.b Facilities and its Utilization of project lab

Sr. No	Facilities	Utilization
1.	Computer with High Configuration	For development of UG Project (Phase I and II) and Project based learning activity
2.	NS2	Computer networking related projects
3.	Jupyter Notebook	Used as Interactive Tool for Data Science Project
4.	Packet tracer	Used in projects of Computer Network
5.	Apache Tomcat	Used in web based application development
6.	Java SE Development Kit	For front end development in JAVA programming
7.	MySQL Server	Used in back end development in most of the project.
8.	Eclipse IDE	It is framework used for programming in different programming language
9.	Internet and wifi in the lobby with unlimited data protected with the firewall.	Students and Faculty members utilize the internet and Wi-Fi facility for their Project and research activities.

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	02500000	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	1000000	956223	8025000	7154453	585000	198650	60000	49250
Software	25000	0	20000	0	110000	100000	60000	55000
SDGs	25000	0	25000	0	25000	0	5000	0
Support for faculty development	50000	0	50000	0	35000	0	15000	0
R & D	50000	0	40000	0	25000	0	10000	0
Industrial Training, Industry expert,	50000	39530	79000	29500	60000	0	10000	0
Miscellaneous Expenses*	1135000	0	140000	100000	930000	860890	106000	100000
Total	2335000	995753	8379000	7283953	1770000	1159540	266000	204250