

## **NATIONAL BOARD OF ACCREDITATION**

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

#### **PART-A: Profile of the Institute**

**Name of the Program Applied for:**

**A1: Name of the Institute: -**

Pimpri Chinchwad College of Engineering

Year of Establishment: 1999

Location of the Institute: Pradhikaran, Nigdi, Pune

**A2: Institute Address: -**

City: Pune

State: Maharashtra

Pin Code: 411044

Website: www.pccoepune.com

E-mail: pccoeadmin@gmail.com

Phone No (with STD Code): 020 27653168

**A3: Name and Address of the Affiliating University (If any): -**

Name of the University: Savitribai Phule Pune University

City : Pune

State: Maharashtra

Pin Code: 411007

**A4: Type of the Institution: - (Tick the applicable choice)**

Institute of National Importance

☒

Deemed University

☒

University

☒

Autonomous

☐

Non-Autonomous (Affiliated)

☒

Any other (Please specify) \*

☒

**\*Provide Details:** Autonomous status to the institute is **granted in 2020** by the University Grants Commission (UGC) for **ten years from 2020-2021 to 2029-2030**.

**A5: Ownership Status: - (Tick the applicable choice)**

Central Government

☒

State Government

☒

Government Aided

☒

Self-financing

☐

Any Other (Please specify) \*

☒

**\*Provide Details:** Pimpri Chinchwad Education Trust owns the institute. The trust was established in 1990 under the '**Bombay Public Trust Act 1950**'. The registration number is **1379-Pune Date: 18/09/1990**.

**A6: Details of all Programs being Offered by the Institution: -**

❖ No. of UG programs: 07

❖ No. of PG programs: 09

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

Sr. No.	Level of program (UG/PG)	Name of the program	Year of Start	Year of Close	Name of the Department
1	UG	B. Tech. Civil Engineering	2012	NA	Civil Engineering
2	UG	B. Tech. Computer Engineering	2001	NA	Computer Engineering
3	UG	B. Tech. Computer Engineering (Regional Language)	2021	NA	Computer Engineering (Regional Language)
4	UG	B. Tech. Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2021	NA	Computer Science and Engineering (Artificial Intelligence & Machine Learning)
5	UG	B. Tech. Electronics and Telecommunication Engineering	1999	NA	Electronics and Telecommunication Engineering
6	UG	B. Tech. Information Technology	2001	NA	Information Technology
7	UG	B. Tech. Mechanical Engineering	1999	NA	Mechanical Engineering
8	PG	M. Tech. Artificial Intelligence and Data Science	2022	NA	Information Technology
9	PG	M. Tech. Computational Mechanics (Mechanical Engineering)	2023	NA	Mechanical Engineering
10	PG	M. Tech. Computer Engineering	2011	NA	Computer Engineering
11	PG	M. Tech. Construction Management	2019	NA	Civil Engineering
12	PG	M. Tech. Mechanical Engineering Design	2012	NA	Mechanical Engineering
13	PG	M. Tech. VLSI & Embedded Systems	2012	NA	Electronics and Telecommunication Engineering
14	PG	Masters in Computer Applications	2008	NA	Masters in Computer Applications
15	PG	M. Tech. Heat Power Engineering	2012	2023	Mechanical Engineering
16	PG	M. Tech. Information Technology	2014	2022	Information Technology

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

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

Cluster ID.	Name of the Department	Name of the Program
1	Civil Engineering	B. Tech. Civil Engineering
2	Computer Engineering	B. Tech. Computer Engineering
3	Electronics and Telecommunication Engineering	B. Tech. Electronics and Telecommunication Engineering
4	Information Technology	B. Tech. Information Technology
5	Mechanical Engineering	B. Tech. Mechanical Engineering

**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)
1	Civil Engineering	--
2	Computer Engineering	<ul style="list-style-type: none"><li>• Information Technology</li><li>• Computer Engineering (Regional Language)</li><li>• Computer Science and Engineering (Artificial Intelligence &amp; Machine Learning)</li></ul>
3	Electronics and Telecommunication Engineering	
4	Information Technology	<ul style="list-style-type: none"><li>• Computer Engineering</li><li>• Computer Engineering (Regional Language)</li><li>• Computer Science and Engineering (Artificial Intelligence &amp; Machine Learning)</li></ul>
5	Mechanical Engineering	

**PART-B: Program information**

(Data to be filled in for the program applied for Accreditation)

**B1: Provide the Required Information for the Program Applied For: -**

**Table No. B1:** Program details.

S. N.	Program Name	Year of start	Sanctioned Intake	Increase/ decrease in intake, if any	Year of increase/ decrease	AICTE Approval Details	Accreditation Status*	No. of times program accredited
1.	BTech Computer Engineering	2001	60	YES, 240	2018	F.No. Western/1-44643 559408/2025/EO A Dated: 04-Jan-2025	Granted accreditation for 3 years for the period (2022-2025)	4

\* Write applicable one:

- ❖ Applying first time
- ❖ Granted accreditation for 2/3 years for the period (specify period)
- ❖ Granted accreditation for 5/6 years for the period (specify period)
- ❖ Not accredited (specify visit dates, year).
- ❖ Withdrawn (specify visit dates, year)
- ❖ Not eligible for accreditation.

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

**A. Name of the HoD : Dr. Sonali Patil**

**B. Nature of appointment: (Tick the applicable choice)**

❖ Regular

☐

❖ Contract

☐

❖ Ad hoc

☐

**C. Qualification: (Tick the applicable choice)**

❖ Ph.D.

☐

❖ ME/M.Tech

☐

❖ Any other\*

☐

**\*Please provide details:** Dr. Sonali Patil completed her Phd in the year 2015 from SGBAU, Amravati in Computer Science and Engineering. She was appointed as Head of the Department in Year 2024.

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

Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY	CAYm1	CAYm2	CAYm3	CAYm4 (LYG)	CAYm5 (LYGm1)	CAYm6 (LYGm2)
N= Sanctioned intake of the program (as per AICTE /Competent authority)	240	240	240	240	240	240	240
N1= Total no. of students admitted in the 1 <sup>st</sup> year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	240	240	240	240	240	239	237
N2= Number of students admitted in 2 <sup>nd</sup> year in the same batch via lateral entry including leftover seats	0	0	35	32	36	34	36
N3= Separate division if any	0	0	0	0	0	0	0
N4= Total no. of students admitted in the 1 <sup>st</sup> year via all supernumerary quotas	55	64	48	58	33	44	40
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	295	304	323	330	309	317	313

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 1<sup>st</sup> year.

Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2))	CAY 2025-26	CAYm1 2024-25	CAYm2 2023-24
N= Sanctioned intake of the program in the 1 <sup>st</sup> year (as per AICTE/Competent authority)	240	240	240
N1= Total no. of students admitted in the 1 <sup>st</sup> year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program	240	240	240
N4= Total no. of students admitted in the 1 <sup>st</sup> year via all supernumerary quotas	55	64	48
Enrolment Ratio (ER)= (N1+N4)/N	122.92	126.67	120.00
Average ER= (ER_1+ ER_2+ ER_3)/3	123.19		

**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	LYG 2024-25	LYGm1 2023-24	LYGm2 2022-23
A*= (No. of students admitted in the 1 <sup>st</sup> year of that batch and those actually admitted in the 2 <sup>nd</sup> year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	309	317	313
B=No. of students who graduated from the program in the stipulated course duration	288	297	305
Success Rate (SR)= (B/A)*100	93.20	93.69	97.44
Average SR of three batches ((SR_1+SR_2+ SR_3)/3)	94.78		

**Note \*:** If the value of A in Table No. B5.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No.B5.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

**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 1 <sup>st</sup> year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1 <sup>st</sup> year/10)	7.53	7.56	7.71
Y= Total no. of successful students	278	234	247
Z = Total no. of students appeared in the examination	302	282	292
API = X* (Y/Z)	6.93	6.27	6.52
Average API = ( API_1 + API_2 + API_3)/3	6.57		

**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 2 <sup>nd</sup> year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2 <sup>nd</sup> year/10)	7.37	7.54	7.855
Y= Total no. of successful students	314	263	272
Z =Total no. of students appeared in the examination	320	328	298
API = X* (Y/Z)	7.23	6.05	7.17
Average API = ( API_1 + API_2 + API_3)/3	6.82		

**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)	7.32	8.03	8.04
Y= Total no. of successful students	313	308	301
Z= Total no. of students appeared in the examination	323	311	311
API = X* (Y/Z)	7.09	7.95	7.78
Average API = ( API_1 + API_2 + API_3)/3	7.61		

**B9: Placement, Higher Studies, and Entrepreneurship****Table No.B9.1:** Placement, higher studies, and entrepreneurship details.

Item	LYG 2024-25	LYGm1 2023-24	LYGm2 2022-23
FS*=Total no. of final year students	296	298	324
X= No. of students placed	209	220	258
Y= No. of students admitted to higher studies	01	07	07
Z= No. of students taking up entrepreneurship	00	00	00
X + Y + Z =	210	227	265
Placement Index (P) = (((X + Y + Z)/FS) * 100)	71	76	82
Average placement index = (P_1 + P_2 + P_3)/3	76.33		

**Note \*:** If the value of FS in Table No. B9.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of FS in Table No. B9.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

## 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	Highest Degree	University	Area of Specialization	Date of Joining in this Institution	Experience in current institute(in years)	Designation at Time Joining in this Institution	Present Designation	Date (Designated as Prof/Assoc. Prof.)	Nature of Association	If contractual mention Full time or (part time or hourly based)	Currently Associated (Yes/ No)	Date of Leaving(in case of NO)
1	Dr. Sonali Patil	Ph.D.	SGBAU, Amravati	Information Security	21/5/2024	1.7	Professor	Professor	21/5/2024	Regular	Full Time	Y	
2	Dr. K. Rajeswari	Ph.D.	SASTRA University, Tamilnadu	Machine Learning	5/6/2008	17.6	Assistant Professor	Professor	1/6/2015	Regular	Full Time	Y	
3	Dr. Sudeep Thepade	Ph.D.	NMIMS University, Mumbai	Image Processing	1/2//2012	13.10	Professor	Professor	1/2/2012	Regular	Full Time	Y	Deputed to PCU 1/04/2024
4	Dr. Swati Shinde	Ph.D.	SRTMU, Nanded	Artificial Neural Network	1/1/2007	18.11	Assistant Professor	Professor	1/6/2015	Regular	Full Time	Y	
5	Dr. Govind Sambare	Ph.D.	"SGBAU", Amravati,	Wireless Network	25/1/2012	13.11	Associate Professor	Associate Professor	25/1/2012	Regular	Full Time	Y	
6	Dr. ReenaKharat	Ph.D.	GITAM University, Vishkapatnam	Information Security	19/6/2009	16.6	Assistant Professor	Associate Professor	25/10/2021	Regular	Full Time	Y	
7	Dr. Nilam Upasani	Ph.D.	IIT Dhanbad	Machine Learning	15/9/2021	1.2	Associate Professor	Associate Professor	15/9/2021	Regular	Full Time	N	30/11/2022
8	Dr. Srinivas Ambala	Ph.D.	SunRise University, Alwar.	Wireless Network	10/2/2022	3.10	Associate Professor	Associate Professor	10/2/2022	Regular	Full Time	Y	
9	Dr. Mubin Tamboli	Ph.D.	SPPU, Pune	Deep learning, Machine Learning, Text Mining	25/7/2022	3.5	Associate Professor	Associate Professor	25/7/2022	Regular	Full Time	Y	
10	Dr. Pravin Game	Ph.D.	JJTU, Rajashthan.	Machine Learning, Nature based Optimization algorithms, Cyber Security	23/8/2022	3.4	Associate Professor	Associate Professor	23/8/2022	Regular	Full Time	Y	
11	Dr.Avinash Bhute	Ph.D.	VJTI, Matunga, Mumbai University	Data Science, Machine Learning	1/11/2022	2.2	Associate Professor	Associate Professor	1/11/2022	Regular	Full Time	N	31/12/2024
12	Dr. Rahul Patil	Ph.D.	SPPU,Pune	Information Security	1/1/2009	16.7	Lecturer	Assistant Professor		Regular	Full Time	N	18/08/2025
13	Mrs. B. Mahalaxmi	M.E	SPPU, Pune	Machine Learning	18/7/2005	20.5	Lecturer	Assistant Professor		Regular	Full Time	Y	



14	Mrs. Sushma Vispute	M.E	SPPU, Pune	Machine learning	21/8/2006	19.4	Lecturer	Assistant Professor		Regular	Full Time	Y	
15	Mrs. Archana Kadam	M.E	SPPU, Pune	Machine Learning	21/8/2006	19.4	Lecturer	Assistant Professor		Regular	Full Time	Y	
16	Dr. Deepa Abin	Ph.D.	SPPU, Pune	Image Processing	2/2/2009	15.5	Lecturer	Assistant Professor		Regular	Full Time	N	18/7/2024
17	Dr. Anagha Chaudhari	Ph.D	Univeristi Teknologi PETRONAS(UTP) Malaysia	Machine Learning Artificial Intelligence	21/1/2008	17.11	Lecturer	Assistant Professor		Regular	Full Time	Y	
18	Dr. Priya Surana	Ph.D	SPPU, Pune	Deep Learning, Pattern Classification	29/06/2009	16.6	Lecturer	Assistant Professor		Regular	Full Time	Y	
19	Mrs. Harshada Mhaske	M.E	SPPU, Pune	Image Processing	1/7/2010	15.5	Lecturer	Assistant Professor		Regular	Full Time	Y	
20	Mr. Atul Pawar	M.E	SPPU, Pune	Computer Networking, Wireless Sensor Networking	9/7/2011	14.5	Lecturer	Assistant Professor		Regular	Full Time	Y	
21	Mrs. Smita Khairnar	M.E	SPPU, Pune	Machine Learning, AI, Computer vision	2/6/2014	11.6	Lecturer	Assistant Professor		Regular	Full Time	Y	
22	Mr. Rahul Pitale	M.E	SPPU, Pune	Machine Learning	8/6/2015	10.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
23	Mr. Kapil Tajane	M.E	SPPU, Pune	Machine Learning	8/6/2015	10.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
24	Dr.Namrata Gawande	Ph.D	Poornima University	Machine Learning	08/06/2015	10.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
25	Dr .Meghana Lokhande	Ph.D.	SPPU, Pune	Network Security	12/6/2015	10.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
26	Dr. Ketan Desale	Ph.D.	SPPU, Pune	Deep Learning	15/12/2015	10	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
27	Dr. Madhura Kalbhor	Ph.D.	SPPU, Pune	Computer Vision and Artificial Intelligence	8/6/2015	10	Teaching Assistant	Assistant Professor		Regular	Full Time	N	7/07/2025
28	Mrs. Swati Chandurkar	M.Tech	RTM Nagpur University	Artificial Intelligence & Machine learning	13/6/2013	12.6	Assistant Professor	Assistant Professor	-	Regular	Full Time	Y	
29	Mrs.Shradha Ovale	M.E	JSPM's RSCOE, Tathawade, Pune	Data Science	6/1/2020	5.11	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
30	Dr.Asmi Manna	Ph.D.	Jadavpur University	Information Security, Privacy	24/8/2020	5.4	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
31	Dr. Renu Kachhoriya	Ph.D.	IIIT Allahabad	Wireless Sensor Network	10/2/2021	2.4	Assistant Professor	Assistant Professor		Regular	Full Time	N	14/6/2023
32	Mrs. Savita Kumbhar	M.E	SPPU, Pune	Data Science, Machine Learning	9/2/2021	2	Assistant Professor	Assistant Professor		Regular	Full Time	N	17/2/2023

33	Ms.Swati Jaiswal	M.E	RGTU Bhopal 2012"	Deep Learning	1/1/2021	3.4	Assistant Professor	Assistant Professor		Regular	Full Time	N	31/05/2024
34	Mrs. Shruti Chaudhari	M.E	SPPU, Pune	Networks & Security	15/12/2021	2.3	Assistant Professor	Assistant Professor		Regular	Full Time	N	10/04/2024
35	Dr. G.D. Upadhye	Ph.D.	SRTMUN, Nanded	Pattern Classification	11/11/2021	1.2	Assistant Professor	Assistant Professor		Regular	Full Time	N	31/1/2023
36	Mr. Shailesh Galande	M.E	SPPU, Pune	Machine Learning	03/01/2022	3.11	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
37	Dr.Sunil Kale	PhD	SPPU, Pune	Machine Learning	1/3/2022	1.3	Associate Professor	Associate Professor		Regular	Full Time	N	8/6/2023
38	Dr. Amol Dhumane	Ph.D.	SPPU, Pune	IoT, WSN, Computer Network, Optimization Algorithms	14/2/2022	1.4	Associate Professor	Associate Professor	14/2/2022	Regular	Full Time	N	14/7/2023
39	Dr. Satpalsingh Rajput	Ph.D	SSSUTM, Sehore	Image Processing	2/8/2022	1.6	Assistant Professor	Assistant Professor		Regular	Full Time	N	29/02/2024
40	Mrs. Yogita Kulkarni	M.Tech	RIT, Rajaramnagar	Image Processing , Video Processing	18/4/2022	0.8	Assistant Professor	Assistant Professor		Regular	Full Time	N	20/02/2023
41	Dr. Deepali Naik	Ph.D.	Symbiosis International Deemed University Pune	Natural Language Processing, DL	4/5/2022	3.2	Assistant Professor	Assistant Professor		Regular	Full Time	N	29/07/2025
42	Mrs. Kavita Kolpe	M.E	SPPU, Pune	Image Processing, Machine Learning	09/06/2022	3.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
43	Mr.Ganesh Kadam	M.Tech	JNTUH	Data Science, Machine Learning, Deep Learning, AI	1/7/2022	3.5	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
44	Mrs.Madhuri Suryavanshi	M.E	SPPU, Pune	Machine Learning and Optimization, Image Processing	11/7/2022	3.5	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
45	Dr.Geetanjali Sharma	Ph.D.	JJTU, Rajasthan	Data Security and Machine Learning	1/8/2022	2.10	Assistant Professor	Assistant Professor		Regular	Full Time	N	30/04/2025
46	Dr.Sarika Deokate	Ph.D.	JJTU, Rajasthan	Image Processing, computer vision, machine learning	12/8/2022	3.4	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
47	Mrs.Dhanashree V. Patil	M.E	RIT, Islampur	Image Processing	5/9/2022	3.3	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
48	Ms.Shivani Pandey	M.E	DEI University	Evolutionary	1/12/2022	3	Assistant Professor	Assistant Professor		Regular	Full Time	Y	

				Computing,									
49	Mr. Amol Patil	M.E	SRTM, Nanded	Computer Network	22/8//2022	1.1	Assistant Professor	Assistant Professor		Regular	Full Time	N	14/10/2023
50	Mrs.Ashwini Biradar	M.Tech.	VTU, Bangalore	Machine Learning	1/2/2023	1.3	Assistant Professor	Assistant Professor		Regular	Full Time	N	31/5/2024
51	Mr.Amit Khedkar	M.E.	SPPU, Pune	Machine Learning	23/1/2023	0.4	Assistant Professor	Assistant Professor		Regular	Full Time	N	15/6/2023
52	Dr.Prashant Ahire	Ph.D	SPPU,Pune	Machine Learning	2/1/2023	1.5	Assistant Professor	Assistant Professor		Regular	Full Time	N	2/7/2024
53	Mr.Anil Pawar	M.Tech	S.I.E.T, Vijayapura, Karnataka	Networking, Blockchain,	27/3/2023	2.3	Assistant Professor	Assistant Professor		Regular	Full Time	N	22/7/2025
54	Mr.Nikhil Soniminde	M.E	SPPU, Pune	Image, Processing,	3/4/2023	1.1	Assistant Professor	Assistant Professor		Regular	Full Time	N	21/5/2024
55	Ms.Tanya Shruti	M.TECH	RTU, JAIPUR	NLP,Text Mining	28/6/2023	2.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
56	Dr. Suwarna Gothane	Ph.D.	SGBAU, Amravati	Data Science	12/7/2023	1	Assistant Professor	Assistant Professor		Regular	Full Time	N	26/7/2024
57	Mr.Pankaj Devre	M.E	SPPU, Pune	IoT, Data Analytics	21/7/2023	1.4	Assistant Professor	Assistant Professor		Regular	Full Time	N	25/11/2024
58	Dr.Chetan Chauhan	Ph.D.	SAGE University, Indore	Information Security, Blockchain, Software Engineering	14/8/2023	1.5	Assistant Professor	Assistant Professor		Regular	Full Time	N	20/2/2025
59	Ms.Ashwini Matange	M. Tech	RGPV Bhopal	Fog Computing	16/8/2023	2.4	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
60	Dr.Aparna Joshi	Ph.D.	Veltech University Chennai	Cloud Computing, Cyber Security	25/9/2023	2.3	Assistant Professor	Associate Professor	01/07/2025	Regular	Full Time	Y	
61	Dr.Omkar Kulkarni	Ph.D.	GEETAM UBIVERSITY	Machine Learning,	1/6/2022	0.9	Assistant Professor	Assistant Professor		Regular	Full Time	N	30/5/2023
62	Mrs.Mehzabin Pathan	M.E	SPPU, Pune	Artificial Intelligence Computer Vision	12/1/2023	2.11	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
63	Mrs.Chhaya Nayak	M. Tech	TIT , Bhopal	Deep Learning, Network Security	23/2/2023	2.4	Assistant Professor	Assistant Professor		Regular	Full Time	N	13/08/2025
64	Mrs.Trupati Kulkarni	M.E	SPPU, Pune	Data Science	31/7/2023	1.6	Assistant Professor	Assistant Professor		Regular	Full Time	N	30/06/2025
65	Dr. Amruta Mahajan	Ph.D.	KU Raipur	Artificial Intelligence	08/10/2023	2.2	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
66	Ms.Harsha Talele	M.E	KBC NMU, Jalgaon	Data Mining, AI, ML	5/9/2023	2.3	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
67	Dr. Pooja Bidwai	Ph.D.	Symbiosis International Deemed University Pune	Computer vision, AI	15/04/2025	0.8	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
68	Ms. Deepali Jawale	ME	SPPU Pune	Artificial Intelligence	25/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
69	Mr. Abhishek Raut	M. Tech	SPPU Pune	Artificial Intelligence , IOT	25/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	

70	Mrs. Manisha Pawar	M. Tech	JNTU Hydrabad	Artificial Intelligence, Cloud Computing	03/07/2025	0.5	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
71	Ms. Rohini Tambe	ME	SPPU Pune	Artificial Intelligence, IOT	14/07/2025	0.5	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
72	Ms. Shriya Mundhe	ME	SPPU Pune	Artificial Intelligence, IOT	18/07/2025	0.5	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
73	Ms. Sonika Gill	M. Tech	A K Technical University UP	Image Processing	04/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
74	Mrs. Dipali Patil	ME	SPPU Pune	Image Processing, Deep Learning	05/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
75	Mrs. Trupti Deshmukh	ME	SPPU Pune	Deep Learning	30/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Full Time	Y	

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

Sr. No.	Name of the Faculty	Highest Degree	University Name	Area of Specialization	Date of Joining in this Institution	Experience in current institute(in years)	Designation at Time Joining in this Institution	Present Designation	Date (Designated as Prof/Assoc. Prof.)	Nature of Association	If contractual mention on Full time or (part time or hourly based)	Currently Associated (Yes/No)	Date of Leaving(if in case of NO)
1	Prof. (Dr.) Rachana Patil	Ph.D. (Comp)	Mumbai University	Computer Engineering	01/07/2022	3.6	Associate Professor	Associate Professor		Regular	Full Time	Y	
2	Mr. Aanandkumar S. Birajdar	M.E.(Comp)	University of Pune	Computer Engineering	01/07/2022	3.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
3	Mr. Ganesh S. Deshmukh	ME(Comp)	University of Pune	Computer Engineering	01/07/2022	3.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
4	Dr. Manjiri Ranjanikar	Phd(CS E)	SRTMUN	Computer Science & Engineering	01/07/2022	2.9	Assistant Professor	Assistant Professor		Regular	Full Time	N	07/04/2025
5	Ms. Rucha Anil Shinde	M.E. (Comp)	Savitribai Phule Pune University	Computer Engineering	16/01/2023	2.11	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
6	Mrs. Minal Shahakar	M.E./M.Tech	Savitribai Phule Pune University	Computer Engineering	29/03/2023	2.9	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
7	Mr. Vinayak Malavade	M.E. (Comp)	Mumbai University	Computer Engineering	13/07/2023	2.5	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
8	Mrs. Rohini Sarode	M.E./M.Tech	Savitribai Phule Pune University	Computer Engineering	14/08/2023	1.11	Assistant Professor	Assistant Professor		Regular	Full Time	N	18/07/2025
9	Dr. Sujata Kolhe	Ph.D. (Comp)	Mumbai University	Computer Engineering	25/09/2023	2.3	Associate Professor	Associate Professor		Regular	Full Time	Y	
10	Mrs. Prachi Mangeshkumar Bahekar	M.E. (Comp)	Savitribai Phule Pune University	Computer Engineering	01/06/2024	0.8	Assistant Professor	Assistant Professor		Regular	Full Time	N	28/02/2025
11	Mrs. Priyanka Gupta	M.E	DAVV University, Indore	Information Security	02/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
12	Ms. Shalu Mahajan	M.E.(Comp)	SRTMU, Nanded	Computer Science and Engineering	25/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Full Time	Y	

13	Ms. Varsha Pandagre	M.Tech	RGPV, BHOPAL	Computer Science Engineering	22/07/2025	0.5	Assistant Professor	Assistant Professor		Regular	Full Time	Y	
14	Dr. Anuradha D. Thakare	PhD	SGB Amravati University	Computer Science Engineering	28/05/2022	3.7	Professor	Professor	NA	Regular	Full Time	Yes	NA
15	Dr. Sonal A. Gore	PhD	Symbiosis University	Computer Engineering	28/05/2022	3.7	Assistant Professor	Associate Professor	01/11/2022	Regular	Full Time	Yes	NA
16	Dr. Jyoti Kulkarni	PhD	SPPU, Pune	E & TC	01/07/2024	1.5	Associate Professor	Associate professor	NA	Regular	Full Time	Yes	NA
17	Mrs. Shailaja Pede	M.E. Computer	SPPU, Pune	Computer Engineering	28/05/2022	3.7	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
18	Mrs. Pallavi Nikumbh (Dhade)	M.E. Computer Engg.	SPPU, Pune	Computer Engineering	28/05/2022	3.7	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
19	Dr. Santwana Gudadhe	Ph. D.	SPPU, Pune	Computer Engineering	28/05/2022	3.7	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
20	Mr. Gaurav Buddhawar	M. Tech	RGVP Bhopal	Network Security	01/08/2022	0.6	Assistant Professor	NA	NA	Regular	Full Time	No	20/02/2023
21	Dr. Vishal Patil	Ph. D.	Madhyanchal Professional University	Machine learning	23/06/2023	1.3	Assistant Professor	NA	NA	Regular	Full Time	No	17/10/2024
22	Dr. Sayalee Deshmukh	PhD	Bharti vidhya peeth University	IoT	10/07/2023	0.10	Assistant Professor	NA	NA	Regular	Full Time	NO	31/05/2024
23	Mr. Rajesh Lomte	M.E. CSE	SGBAU, Amravati	Computer Engineering	01/01/2024	1.11	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
24	Mrs. Puja Pohakar	M.E (Power System)	SPPU	Power System	01/06/2024	1.6	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
25	Mrs. Pranita Chaudhary	M. Tech CSE	JNTU, Hyderabad	Computer Science and Engineering	14/06/2023	2.6	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
26	Mrs. Pradnya Narkhede	M.E (CS & IT)	SGB Amravati University	Computer Science and Information Technology	22/09/2022	3.3	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
27	Mrs. Ashwini Deshpande	M Tech	SGB Amravati University	Electrical Power System	01/06/2024	1.6	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
28	Mrs. Suvarna Bhatsangave	ME (CNE)	Dr. BAMU	Computer Network Engineering	15/6/2023	2.6	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
29	Dr. Madhuri Pagale	Ph. D.	D. Y. Patil International University	Computer Science and Engineering	01/11/2022	3.1	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
30	Mrs. Sarika Bartakke	M.E	SPPU, Pune	Computer Engineering	23/10/2024	1.2	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
31	Isha Vyas	M Tech	RTMN U	Electronics	10/07/2025	0.5	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
32	Yogita Sharma	M Tech	SPPU	Artificial Intelligence	04/07/2025	0.5	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
33	Vaishnavi Pujari	ME	SPPU	VLSI AND EMBEDDED SYSTEMS	10/07/2025	0.5	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
34	Priyanka Jadhav	M.E	SPPU	Machine Learning	04/08/2025	0.4	Assistant Professor	Assistant Professor	NA	Regular	Full Time	Yes	NA
35	Dr. J. V. Katti	ME/M. Tech and PhD	Assam Don Bosco University, Guwahati	Computer Science and Engineering	18/01/2008	17.11	Assistant Professor	Professor	01/11/2022	Regular	Full Time	Yes	

36	Dr. R. Y. Raut	ME/M. Tech and PhD	Sant Gadge Baba Amravati University, Amravati	Computer Science and Engineering	26/08/2020	5.4	Associate Professor	Professor	01/07/2023	Regular	Full Time	Yes	
37	Dr. R. N. Phursule	ME/M. Tech and PhD	Kalinga University, Raipur	Computer Science and Engineering	30/08/2019	6.4	Associate Professor	Associate Professor	30/08/2019	Regular	Full Time	Yes	
38	Dr. H. A. Bhute	ME/M. Tech and PhD	Sant Gadge Baba Amravati University, Amravati	Computer Science and Engineering	03/07/2023	2.5	Associate Professor	Associate Professor	03/07/2023	Regular	Full Time	Yes	
39	Dr. J. H. Dewan	ME/M. Tech and PhD	Savitribai Phule Pune University	Computer Engineering	04/07/2009	16.5	Assistant Professor	Associate Professor	01/07/2025	Regular	Full Time	Yes	
40	Mr. R. S. Vadali	MS	Cleveland State University, Cleveland, Ohio, USA	Computer Information Science	21/06/2012	13.6	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
41	Dr. R. G. Pise	ME/M. Tech and PhD	Savitribai Phule Pune University	Computer Engineering	18/07/2005	20.5	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
42	Mrs. S. S. Waghere	M.E	University of Pune	Computer Engineering	22/08/2006	19.4	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
43	Mrs. T. S. Patankar	M.E	University of Pune	Computer Engineering	01/08/2006	19.4	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
44	Mrs. B. R. Jane	M.E	University of Mumbai	Computer Engineering	04/07/2011	14.5	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
45	Dr. A. C. Ladekar	ME/M. Tech and PhD	Savitribai Phule Pune University	Computer Engineering	28/06/2010	15.6	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
46	Dr. G. J. Dharmale	ME/M. Tech and PhD	Sant Gadge Baba Amravati University, Amravati	Computer Science and Engineering	28/07/2021	4.5	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
47	Mrs. M. M. Jamage	M.E	Savitribai Phule Pune University	Computer Engineering	08/06/2022	3.6	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
48	Mrs. R. T. Deoghare	M.E	Sant Gadge Baba Amravati University, Amravati	Information Technology	11/07/2022	3.5	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
49	Ms. A. A. Borse	M.E	University of Pune	Computer Engineering	15/11/2022	3.1	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
50	Mrs. S. M. Deshmukh	M.E	University of Pune	Computer Engineering	16/01/2023	2.11	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
51	Mrs. S. A. Tawade	M. Tech	Shivaji University, Kolhapur	Computer Science and Engineering	23/02/2023	2.10	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
52	Mr. R. V. Tate	M.E	Savitribai Phule Pune University	Information Technology	03/04/2023	2.8	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
53	Ms. R. S. Pagar	M.E	Savitribai Phule Pune University	Computer Engineering	19/06/2023	2.6	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
54	Mrs M. Kethari	M.E	Savitribai Phule Pune University	Computer Engineering	03/07/2023	2.5	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
55	Dr. M. S. Bembde	ME/M. Tech and PhD	Symbiosis International (Deemed)	Faculty of Engineering	17/08/2023	2.4	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	

			University , Pune										
56	Mrs. S. S. Devdas	M.E	Solapur University	EnTC - Digital Electronics and Communication Systems	01/07/2024	1.5	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
57	Mrs. S. A. Kolambe	M.E	University of Pune	Computer Engineering	02/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
58	Mrs. V. R. Vasekar	M.E	Savitribai Phule Pune University	Computer Engineering	01/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Full Time	Yes	
59	Mrs. S. A. Kolambe	M.E	University of Pune	Computer Engineering	22/08/2022	1.11	Assistant Professor	Assistant Professor		Regular	Full Time	No	27/07/2024
60	Mr. R. P. Aher	M.E	Swami Ramanand Teerth Marathwada University, Nanded	Computer Science and Engineering	21/07/2023	1.6	Assistant Professor	Assistant Professor		Regular	Full Time	No	06/02/2025
61	Dr. S. D. Patil	ME/M. Tech and PhD	Sant Gadge Baba Amravati University, Amravati	Computer Science and Engineering	11/01/2019	5.4	Associate Professor	Professor	01/07/2019	Regular	Full Time	No	20/05/2024
62	Dr. A. R. Jadhav	ME/M. Tech and PhD	Dr. A. P. J. Abdul Kalam University Indore	Computer Science and Engineering	08/02/2021	3.3	Assistant Professor	Assistant Professor		Regular	Full Time	No	31/05/2024
63	Mrs P. M. Bahekar	M.E	Savitribai Phule Pune University	Computer Engineering	08/05/2023	1	Assistant Professor	Assistant Professor		Regular	Full Time	No	31/05/2024
64	Mr. S. R. Jadhav	M.E	University of Mumbai	Computer Engineering	02/01/2012	11.8	Assistant Professor	Assistant Professor		Regular	Full Time	No	11/09/2023
65	Mrs. A. D. Shingade	M. Tech	Savitribai Phule Pune University	Computer Engineering	08/01/2022	2.2	Assistant Professor	Assistant Professor		Regular	Full Time	No	09/03/2024
66	Ms. M. A. Thorat	M.E.	University of Pune	Information Technology	05/08/2014	9.2	Assistant Professor	Assistant Professor		Regular	Full Time	No	25/10/2023
67	Mrs. L. A. Kale	M.E.	Savitribai Phule Pune University	Computer Engineering	11/04/2022	1.10	Assistant Professor	Assistant Professor		Regular	Full Time	No	16/02/2024
68	Dr K. N. Vhatkar	ME/M. Tech and PhD	University of Mumbai	Computer Engineering	01/07/2021	1.10	Assistant Professor	Assistant Professor		Regular	Full Time	No	31/05/2023
69	Ms. G. P. Rokade	M.E.	Savitribai Phule Pune University	Computer Engineering	04/08/2022	0.9	Assistant Professor	Assistant Professor		Regular	Full Time	No	31/05/2023
70	Dr. A. B. Kathole	ME/M. Tech and PhD	Sant Gadge Baba Amravati University, Amravati	Computer Science and Engineering	30/06/2021	1.7	Assistant Professor	Assistant Professor		Regular	Full Time	No	17/02/2023
71	Ms. B. S. Ratnaparkhi	M.E	Savitribai Phule Pune University	Computer Engineering	13/06/2016	6.9	Assistant Professor	Assistant Professor		Regular	Full Time	No	31/03/2023
72	Mrs. C. S. Sorte	M.E	Savitribai Phule Pune University	Information Technology	01/01/2018	5.2	Assistant Professor	Assistant Professor		Regular	Full Time	No	31/03/2023
73	Dr. K. D. Khairnar	ME/M. Tech and PhD	Sandip University Nashik	Computer Science and Engineering	22/08/2022	0.4	Assistant Professor	Assistant Professor		Regular	Full Time	No	14/01/2023
74	Dr. B. S. Satpute	ME/M. Tech and PhD	Sam Higginbottom	Computer Engineering	01/02/2022	0.8	Associate Professor	Associate Professor	01/02/2022	Regular	Full Time	No	28/10/2022

			University of Agricultur e, Technolog y and Sciences, Prayagraj									
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## 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=1<sup>st</sup> PG program.
  - PGm=m<sup>th</sup> PG program
    - **A**= No. of Students in PG 1<sup>st</sup> year
    - **B**= No. of Students in PG 2<sup>nd</sup> year
- ❖ Student Faculty Ratio (**SFR**) = S/F
  - **S**= No. of students of all programs in the Department including all students of allied departments/clusters.
    - **No. of students (ST)**=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
    - Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are **exempted**.
  - **F**=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

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

Year	CAY 2025-26	CAYm1 2024-25	CAYm2 2023-24
UG <sub>4</sub> . B	264	264	264
UG <sub>4</sub> . C	264	264	264
UG <sub>4</sub> . D	264	264	264
UG <sub>4</sub> (UG Engineering- Computer Engineering )	792	792	792
UG <sub>2</sub> . B	66	66	66
UG <sub>2</sub> . C	66	66	66
UG <sub>2</sub> . D	66	66	0
UG <sub>2</sub> (UG Engineering- Computer Engineering(Regional Language)	198	198	132
UG <sub>3</sub> . B	132	66	66
UG <sub>3</sub> . C	66	66	66
UG <sub>3</sub> . D	66	66	0
UG <sub>3</sub> (UG Engineering- Computer Science and Engineering- Artificial Intelligence and Machine Learning )	264	198	132
UG <sub>1</sub> . B	132	132	132
UG <sub>1</sub> . C	132	132	132
UG <sub>1</sub> . D	132	132	132
UG <sub>1</sub> (UG Engineering- Information Technology)	396	396	396



PG <sub>3</sub> . A	18	18	18
PG <sub>3</sub> . B	18	18	18
PG <sub>3</sub> (PG Engineering - Computer Engineering)	36	36	36
PG <sub>1</sub> . A	18	18	18
PG <sub>1</sub> . B	18	18	18
PG <sub>1</sub> (PG Engineering – Artificial Intelligence and Data Science)	36	36	36
PG <sub>2</sub> . A	0	0	0
PG <sub>2</sub> . B	0	0	0
PG <sub>2</sub> (PG Engineering – Information Technology)	0	0	0
DS=Total no. of students in all UG and PG programs in the Department	828	828	828
AS=Total no. of students of all UG and PG programs in allied departments	894	828	696
S=Total no. of students in the Department (DS) and allied departments (AS)	1722	1656	1524
DF=Total no. of faculty members in the Department	47	46	51
AF= Total no. of faculty members in the allied Departments	52	44	45
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	99	89	96
FF=The faculty members in F who have a 100% teaching load in the first-year courses	13	13	12
<b>Student Faculty Ratio (SFR)=S/(F-FF)</b>	20.02	21.79	18.14
Average SFR for 3 years	19.99		

### 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	FQI= $2.5 * [(10X + 4Y)/RF]$
CAY (2025-26)	35	64	86	17.62
CAYm1 (2024-25)	33	56	83	16.69
CAYm2 (2023-24)	31	65	76	18.75

### 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 =  $6/9 \times \text{No. of Faculty required to comply with 20:1}$   
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 Faculty(RF1)	Available Faculty(AF1)	Required Faculty(RF2)	Available Faculty(AF2)	Required Faculty(RF3)	Available Faculty(AF3)
CAY(2025-26)	10	7	19	14	57	78
CAYm1 (2024-25)	9	7	18	11	56	71
CAYm2 (2023-24)	8	7	17	10	51	79
Average Numbers	9	7	18	12	55	76

**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.

S.N.	Name of the Person	Designation & Organization	Name of the Course	No. of hours handled
<b>CAYm1 2024-25</b>				
1	Dr. R. Venkateswaran	Senior Vice President Persistent	SIH Interaction, Seminar Project Reviews	21
2	Mr. Rahul Kulkarni	Co founder DoNew	Guidance session, Generative AI in Academics, Seminar	8
3	Mr.Yogesh Parulekar	Dy.Head Analytics in Larson & Turbo Infotech	Business Intelligence	3
4	Mrs. Mayuri Kalgunde	Technical Lead At Wipro Technologies	Natural Language Processing	3
5	Mr. Dipesh Walte	Founder Brainchain, Pune Maharashtra	Major Project	12
6	Mr. Saransh Dave	Machine learning Engineer II, Clutterbot, Bengaluru, Karnataka.	Theory of Computation	10
7	Mr. Ravindra Patil	Technical Architect, Rave Technology/NEC Pvt. Ltd, Mumbai.	Machine Learning	8
8	Mr. Tanmay Patil	Software Engineer, Deutsche Bank India,	Data Structure	8
9	Mr. Pundlik Jumbad	Head, Toll Technology Center	Agile Project Management	30

10	Mr. Shrikant Kokate	Lead Quality Assurance Engineer, IA Data Analytics Pvt. Ltd	Web Development with Java Script	3
<b>Total no. of hours:</b>				106
<b>CAYm2 2023-24</b>				
1	Dr. R. Venkateswaran	Senior Vice President Persistent	SIH Interaction, Seminar Project Reviews	40
2	Mr. Yogesh Parulkar	Ex L&T Infotech, Capability Lead, Pune	BTech project reviews, business analytics, DBMS	33
3	Mr. Rahul Kulkarni	Co founder DoNew	Generative AI	16
4	Mr. Hemant Selomkar	Group project manager	BTech project reviews, business analytics	9
<b>Total no. of hours:</b>				98

<b>CAYm3 2022-23</b>				
1	Dr. R. Venkateswaran	Senior Vice President Persistent	Seminar, CN	29
2	Mr. Yogesh Parulkar	Ex L&T Infotech, Capability Lead, Pune	BE project reviews, business analytics	29
3	Mr. Rahul Kulkarni	Co founder DoNew	Guidance session, Generative AI in Academics, Seminar	37
4	Beena Nair	Consultant	Seminar review	25
5	Mr. Hemant Selomkar	Group project manager Infosys	Website Development and Review, Interaction with faculties, BE project reviews	15
<b>Total no. of hours:</b>				135

#### **C6: Academic Research**

**Table No. C6.1:** Faculty publication details.

S.N.	Item	CAYm1 2024-25	CAYm2 2023-24	CAYm3 2022-23
1	No. of peer reviewed journal papers published	45	49	69
2	No. of peer reviewed conference papers published	53	35	78
3	No. of books/book chapters published	10	16	06

#### **C7: Sponsored Research Project**

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

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
<b>CAYm1 2024-25</b>							
1							
<b>Amount received (Rs.)</b>							
<b>CAYm2 2023-24</b>							
1							
<b>Amount received (Rs.)</b>							
<b>CAYm3 2022-23</b>							
1	Dr. S. V. Shinde	Ms. Madhura Kalbhor	Computer Engineering	Cervi-Tester: A smart and portable screening device for Automated diagnosis of cervical cancer	DST	2 Years	Rs. 35,70,576
<b>Amount received (Rs.)</b>							Rs. 35,70,576
<b>Total Amount (Lacs) Received for the Past 3 Years</b>							Rs. 35,70,576

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

S.N.	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Lacs)
<b>CAYm1 2024-25</b>							
1	Dr. Sonali Patil	-	Department of Computer Engineering	Mental Health Enhancement Chatbot System	Brainchain MPI People PVT. Ltd. Pune	1 semester	25,000
2	Mrs. Sushma Vispute	Dr. Amruta Mahajan	Department of Computer Engineering	Design and Implementation of Intelligent Parking System to prevent unauthorized parking of 4 Wheeler's	SSD Promoters & Builders Society, Pune	1 semester	10,000
3	Dr. Aparna Joshi	-	Department of Computer Engineering	Design and implement an integrated system to	NFPA India PVT. LTD. National fire Protection	1 year	20,000

				standardize and automate the complete operational workflow of a fire safety organization	armour, Alandi , Pune		
<b>Amount received (Rs.)</b>							<b>55,000</b>

<b>CAYm2 2023-24</b>							
<b>1</b>	Dr. Geetanjali Sharma	-	Department of Computer Engineering	Mobile Application	Kirana Club	1 year	20,000
<b>2</b>	Prof. Dr. K. Rajeswari	Mrs.S. R. Vispute, Anagha Choudhary	Department of Computer Engineering	BI Dashboards for Sales prediction & Market Basket Analysis for Shital variety & Electricals, Laxmi Medico and Gift house and stationary shops	Shital variety & Electricals, Pune, Laxmi Medico & general store, My Choice Gift house	1 semester	6,000
<b>3</b>	Prof. Dr. K. Rajeswari	Mrs.S. R. Vispute, Anagha Choudhary	Department of Computer Engineering	BI Dashboards for Siddhivinayak Medical, Healthcare medical and Rohit trading Co.	Siddhivinayak Medical, Healthcare medical Pune and Rohit trading Co.	1 semester	4,000
<b>4</b>	Prof. Dr. K. Rajeswari	Mrs.S. R. Vispute, Anagha Choudhary	Department of Computer Engineering	BI Dashboards for Darja Udyog Samuh and Mahavir Selection Chinchwad Pune	Darja Udyog Samuh and Mahavir Selection Chinchwad Pune	1 semester	6,000
<b>Amount received (Rs.)</b>							<b>36,000</b>
<b>CAYm3 2022-23</b>							
<b>1</b>	Dr. K. Rajeswari	-	Department of Computer Engineering	Stock Price Prediction in banking sector using Machine Learning.	Santosh Investments, Akurdi Pune-35	1 year	5,000
<b>2</b>	Dr. K. Rajeswari	Mrs. Sushma Vispute	Department of Computer Engineering	Image quality analysis for vehicle photos using	LeazeKart Pvt. Ltd. Pune	1 year	10,000

				deep learning.			
3	Mrs. Sushma Vispute	Mrs.Smita Khairnar	Department of Computer Engineering	WebsiteforStrizeFitnessand AIbased Estimation of Body Composition	Strize Fitness Center,Pune	1 year	15,000
4	Ms. Swati Chandurkar	-	Department of Computer Engineering	Customer Segmentation using RFM and clustering algorithm to segregate customers of E-commerce website.	Khawakee Foods Pvt. Ltd. Pune	1 year	5,000
5	Dr. K. Rajeswari	Dr. Rachana Patil, Mr. S. Sambare	Department of Computer Engineering	Project on UI, UX and development of Website	Equi-Rera Services Pvt. Ltd.	1 semester	7,500
Amount received (Rs.)							42,500
Total amount (Lacs) received for the past 3 years							1,33,500

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

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

S.N.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
<b>CAYm1 2024-25</b>						
1	Dr. Sonali Patil	Travel Grant to Malaysia		40,000	40,000	Presented research paper in ESTCON 2024
2	Dr. K. Rajeswari	Travel grant to South Korea		4,20,000	4,20,000	Sakal Educon 2024
3	Mr. Atul Pawar	Travel Grant: Reimbursement of 50% registration fees of the conference + TA and DA		73,000	73,000	Presented research paper by Global Knowledge Research Foundation at Bangkok, Thailand
4	Mrs. Harshada Mhaske	Travel Grant: Reimbursement of 50% registration fees of the conference + TA and DA		84,800 (sanc)	-	
Amount received (Rs.)				6,17,000	5,33,000	
<b>CAYm2 2023-24</b>						
1	Dr. K. Rajeswari	A Ubiquitous system for secure breast cancer detection using portable image acquisition and DL methods	2 years	5,00,000 (sanc)	-	
2	Dr. Ketan Desale	Travel Grant: Reimbursement of 50% registration fees of the conference		60,000	60,000	Presented research paper in International Conference organised at World Conference on Information Systems for Business

						Management, Bangkok, Thailand
3	Mr. Ganesh Kadam	Parkeasy:Indoor car Occupancy Detection System using Computer Vision Technique	2 years	2,00,000 (sanc)	-	
4	Mr. Rahul Pitale	Reviving Ancient Wisdom: AI based Prakriti Dosha Detection and Ayurvedic Solution from the Indian Knowledge System	2 years	2,00,000 (sanc)	-	
Amount received (Rs.)				9,60,000	60,000	
CAYm3 2022-23						
1	Swati Chandurkar	Design and Development of IOT device for Multimodal Emotion Recognition in Women Cancer Survivor	1 Year	1,00,000	72,897	Paper published
2	Dr Swati Shinde and Madhura Kalbhor	Multimodal Medical Imaging Dataset Acquisition, Annotation for segmentation and Cervical Lesion Detection	1 year	77,800	77,800	Multimodal Medical dataset imaging acquisition, annotation for segmentation and Cervical lesion detection
Amount received (Rs.)				1,77,800	1,49,800	
Total amount (Lacs) received for the past 3 years (Rs.)				17,54,800	7,42,800	

#### **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

S.N.	Name of the Laboratory	No. of students per setup (Batch	Name of the major equipment	Weekly utilization status (all the courses	Technical Manpower support
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		Size)		for which the lab is utilized)	Name of the technical staff	Designation	Qualification
1	Digital Laboratory	1:1	Computer: Dell Desktop 4th Generation, Intel(R) Core i5-4160 processor, 8 GB DDR3 RAM, 1TB HDD, Dell Monitor 18.5" No. of Computer: 18 Computers : Lenovo M70s 10th Generation Intel Core i7-10700 processor (2.9 GHz up to 4.8 GHz), 8 cB DDR4-2933MH2 (UDtMM), 1 TB 7200rpm HDD 3.5" SATA, Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse No of Computer: 3	57.50%	Mr.Minesh S.Suryawanshi	Lab. Assistant	BCA
2	Project Laboratory - I	1:1	Computers : HP 280 G2MT Desktop Computer Intel coreI7 Processor, 8GB DDR4 RAM, 500GB HDD, HP 18.5" Monitor, USB Keyboard & mouse. No. of Computers: 23 Projector: BENQ MX560 Spec.-XGA, Native Resolution 1024*768 pixels No. of Projector: 1	70%	Mrs. Manisha Kokane	Lab. Assistant	Diploma in Computer Tech.
3	Project Laboratory - II	1:1	Computers : HP 280 Gg Desktop Small factor, Intel Core i7-12700 2.10G, 25MB, 12 Cors 65W free Dos, 8GBV DDR4-3200(1x8GB), 512GB SSD, WiFi, Bluetooth, USB KB & mouse, HP 19.5" No. of Computer: 23 Projector: BENQ MX560 Spec.-XGA, Native Resolution 1024*768 pixels No. of Projector: 1 Printer: HP Laserjet 1008A Printer No. of printer: 1	70%	Mrs. Manisha Kokane	Lab. Assistant	Diploma in Computer Tech.
4	Object Oriented Programming Laboratory	1:1	Computers: Lenovo M70s 10th Generation Intel@ CoreM i7-10700 processor (2.9 GHz up to 4.8 GHz), 8 cB DDR4-2933MH2 (UDtMM), 1 TB 7200rpm HDD 3.5" SATA, Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse. No. of Computer: 23 Projector: BENQ MX560 Spec.-XGA, Native Resolution 1024*768 pixels No. of Projector: 1 Printer: HP Laserjet 1008A Printer	70%	Mr.Minesh S.Suryawanshi	Lab. Assistant	BCA



			No. of printer: 1				
5	PG Laboratory	1:1	Computers: HP260Gg Desktop small form factor Intelcore i7 12700210G 25 MB 12 core 65W free DOS , * GB DDR4 3200 (1X8 GB) 512GB SSD, wifi,Bule tooth, USB KB and mouse and Hp 19.5" monitor. No. of Computer: 22 Projector: LCD Projector Dell 1220 Spec: SVGA No. of Projector: 1 Printer: HP Laserjet 1020 Printer No. of printer: 1	70%	Mrs.Mangal Nawale	Teaching Assistant	Diploma in Industrial Electronics
6	PG Research Laboratory	1:1	Computers: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@Wi-Fi6 AX201 2x2 trX & Btuetooth@ 5.0 or above, Wired KB & Wired Mouse. No. of Computers: 22 Projector: LCD Projector Dell 1220 Spec: SVGA No. of Projector: 1 Printer: HP Laserjet 1020 Printer No. of printer: 1	85%	Mrs.Mangal Nawale	Teaching Assistant	Diploma in Industrial Electronics
7	Artificial Intelligence, Robotics & Vision Laboratory	1:1	Computers: HP260Gg Desktop small form factor Intelcore i7 12700210G 25 MB 12 core 65W free DOS , * GB DDR4 3200 (1X8 GB) 512GB SSD, wifi,Bule tooth, USB KB and mouse and Hp 19.5" monitor. No. of Computer: 22 Projector: BENQ MX560 Spec.-XGA, Native Resolution 1024*768 pixels No. of Projector: 1	90%	Mr.Sagar Joshi	Lab. Assistant	B.Cs.
8	Parallel & Distributed Computing Laboratory -I	1:1	Computer: HP 280 Gg Desktop small form factor, IntelCore i7- 12700 2.10G 25MB, 12 cores 65W FreeDos, 8 GB DDR4-3200(1*8 GB), 512 GB SSD, wifi, Bluetooth, USB KB & Mouse, HP 19.5 No. of Computer: 22 Projector: Benq MS513P SVGA, HDMI ports, Brightnes 3300ANSI Lumens. No. of Projector: 1	82.50%	Ms.Pooja Sujit Kute	Lab. Assistant	Diploma in Computer Engineering
9	Intelligent Systems Laboratory	1:1	Computer: HP 280 Gg Desktop small factor, Intel core i7-12700 2.10G 25MB, 12 cores 65W freeDos,8 GB DDR4-3200(1x84GB), 512GB	85%	Ms.Pooja Sujit Kute	Lab. Assistant	Diploma in Computer Engineering

			SSD,wifi, Bluetooth, USB KB and mouse, HP 19.5" No. of Computer: 22 Computer: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse No. of Computer: 2 Projector: LCD Projector Benq MS524 DLP, SVGA, Brighting 3200 ANSI lumens No. of Projector: 1 Printer: HP Laserjet 1008A Printer No. of printer: 1				
10	Internet of Things Laboratory	1:1	Computer: HP 280 Gg Desktop small factor, Intel core i7-12700 2.10G 25MB, 12 cores 65W freeDos,8 GB DDR4-3200(1x84GB), 512GB SSD,wifi, Bluetooth, USB KB and mouse, HP 19.5" No. of Computer: 22 Computer: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse No. of Computer: 2 Projector: LCD Projector Benq MX560, Spec X GA Native Resolution 1024 X 768 Pixels. No. of Projector: 1 Printer: HP Laserjet 1020 Printer No. of printer: 1	80%	Mr.Sagar Joshi	Lab. Assistant	B.Cs.
11	Hardware Laboratory - II	1:1	Computer: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse No. of Computer: 22 Projector: LCD Projector Benq MX560, Spec X GA	95%	Mr. Rajendra Chaudhari	Lab. Assistant	B. Sc. (Electronics Engg.)

			Native Resolution 1024 X 768 Pixels No. of Projector: 1 Printer: HP Laserjet 1008A Printer No. of printer: 1				
12	Networks And Communication Laboratory	1:1	Computer : HP 280 G2 MT Desktop Computer Intel core i7 Processor ,RAM 8 GB, HDD 500 GB, with HP LCD Monitor 18.5" .USB Keyboard & Mouse No. of Computer: 20 Computer: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse. No. of Computer: 10 Computer: 12th Gen Intelcore i7-12700*20 HP Pro SFF 280 G9 Desktop PC, 512.1GB HDD, 8.0GB Memory. No. of Computer: 02 Projector: LCD Projector Benq MX560, Spec X GA Native Resolution 1024 X 768 Pixels No. of Projector: 1 Printer: IP based HP Laserjet Pro MFP M126nw Printer No. of Printer: 1	70%	Ms. Rajkamal Thete	Lab. Assistant	Diploma (Civil Engg.)
13	Information Security Laboratory	1:1	Computer: HP 280 G2 MT Desktop Computer Intel core i7 Processor ,RAM 8 GB, HDD 500 GB, with HP LCD Monitor 18.5" .USB Keyboard & Mouse No. of Computer: 20 Computer: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse. No. of Computer: 09 Computer: 12th Gen Intelcore i7-12700*20 HP Pro SFF 280 G9 Desktop PC, 512.1GB HDD, 8.0GB Memory. No. of Computer: 02 Projector: LCD Projector Benq MX560, Spec X GA Native Resolution 1024	70%	Ms. Rajkamal Thete	Lab. Assistant	Diploma (Civil Engg.)

			X 768 Pixels No. of Projector: 1 Printer: Epson ECO Tank L1250 Color Printer. No. of Printer: 1				
14	Database & Information Management Laboratory	1:1	Computer: HP IDS 280 pro G6 Micro PC part No. 8Q*8LAV, Intel Core i7 107002.9 GHz 8C65W CPU part No 9DH96AV, 8GB DDR4, 2933 Memory (DIMM) part no 1E446AV, 512GB M22280 PCIe NVMe SSD part No 7RS81, AVI Internal Speakers, free DOS, HP USB, Hardened optical wired Mouse. No. of Computer: 22 Computer: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse No. of Computer: 02 Projector: Benq LCD Projector MS524,3200 lumens, 10000HR, VGA/HDMI No. of Projector: 1	80%	Mrs. Priti Jadhav	Lab. Assistant	B. Sc (Computer Engg.)
15	Algorithms Laboratory -I	1:1	Computer: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse. No. of Computer: 24 Projector: Benq LCD Projector MX806 PST No. of Projector: 1 Printer: Hp Laserjet 1020 plus USB Printer. No. of Printer: 01	70%	Mrs. Swapnali Wagh	Lab. Assistant	Diploma (Computer Engg.)
16	Skill Development Laboratory	1:1	Computers: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Bluetooth@ 5.0 or above, Wired KB & Wired Mouse No. of Computer: 21 Projector:	80%	Mrs. Swapnali Wagh	Lab. Assistant	Diploma (Computer Engg.)

			BENQ MX560 Spec.-XGA, Native. Resolution 1024*768 pixels No. of Projector: 1 Printer: HP Laserjet 1000A No. of Printer: 01				
17	Hardware Laboratory -I	1:1	Computers: HP 280Gg Desktop Small formfactor, Intel Core i7, 127002.10G, 25mb,I2 Cores, 65w free DOS , 8GB DDR 4-3200(1*8GB), 512 GB SSD, wifi, Bluetooth USB Keyboard, mouse, HP 19.5" Monitor No. of Computer: 22 Projector: LCD Projector Benq MX560, Spec X GA Native Resolution 1024 X 768 Pixels No. of Projector: 1 Printer: HP Laserjet 1008A Printer No. of printer: 1	65%	Mr. Sachin Gadade	Lab. Assistant	B.CA.
18	Algorithms Laboratory - II	1:1	Computer: Lenovo M70s 10th Generation Intel@ CorerM i7-10700 processor (2.9 GHz up to 4.8 GHz),8 cB DDR4-2933MH2 (UDtMM),1 TB 7200rpm HDD 3.5" SATA,Integrated UHD Graphics, Intel@ Wi-Fi6 AX201 2x2 trX & Btuetooth@ 5.0 or above, Wired KB & Wired Mouse No. of Computer: 29 Computer: 12th Gen Intelcore i7-12700*20 HP Pro SFF 280 G9 Desktop PC, 512.1GB HDD, 8.0GB Memory No. of Computer: 02 Projector: LCD Projector BENQ MS 531P(DLP) SVGA HDMI Ports No. of Projector: 1	72.50%	Mrs. Snehal Pohokar	Lab. Assistant	Diploma (Computer Engg.)
19	System Programming Laboratory	1:1	Computer: HP IDS 280 pro G6 Micro PC part No. 8Q*8LAV, Intel Core i7 107002.9 GHz 8C65W CPU part No 9DH96AV, 8GB DDR4, 2933 Memory (DIMM) part no 1E446AV, 512GB M22280 PCIe NVMe SSD part No 7RS81, AVI Internal Speakers, free DOS, HP USB, Hardened optical wired Mouse. No. of Computer: 27 Computer: 12th Gen Intelcore i7-12700*20 HP Pro SFF 280 G9 Desktop PC, 512.1GB HDD, 8.0GB Memory No. of Computer: 04 Projector: LCD Projector BENQ MS 531P (DLP) SVGA HDMI Ports No. of Projector: 1 Printer:	72.50%	Mrs. Snehal Pohokar	Lab. Assistant	Diploma (Computer Engg.)

			HP Laserjet 1008A Printer No. of printer: 1				
20	Data Structure Laboratory	1:1	Computer: Lenovo M70s 10th Generation Intel® Core™ i7-10700 processor (2.9 GHz up to 4.8 GHz), 8 GB DDR4-2933MHz (UDtMM), 1 TB 7200rpm HDD 3.5" SATA, Integrated UHD Graphics, Intel® Wi-Fi 6 AX201 2x2 trX & Bluetooth® 5.0 or above, Wired KB & Wired Mouse No. of Computer: 23 Projector: LCD Projector-BENQ MX560 Spec.-XGA, Native. No. of Projector: 01	90%	Mr. Prathmesh Waikar	Lab. Assistant	
21	Programming Laboratory -I	1:1	Computer: 12th Gen Intelcore i7-12700*20 HP Pro SFF 280 G9 Desktop PC, 512.1GB HDD, 8.0GB Memory. No. of Computer: 25 Projector: BENQ MS524 LCD Projector. No. of Projector: 01	68%	Mrs. Pratiksha Hinge	Lab. Assistant	Diploma (Mech. Engg.) B.A.
22	Programming Laboratory -II	1:1	Computer : 12th Gen Intelcore i7-12700*20 HP Pro SFF 280 G9 Desktop PC, 512.1GB HDD, 8.0GB Memory. No. of Computer: 25 Projector: BENQ MS524 LCD Projector No. of Projector: 01	57.50%	Mrs. Pratiksha Hinge	Lab. Assistant	Diploma (Mech. Engg.) B.A.

## D2: ` Safety Measures in Laboratories

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

S.N.	Name of the Laboratory	Safety measures
1	Computer Laboratories	<ul style="list-style-type: none"> <li>Computers were kept well-ventilated to avoid overheating and potential damage.</li> <li>Computers were checked and maintained regularly to ensure optimal performance and prevent hardware failures.</li> <li>Computers had up-to-date antivirus and security software to protect against malware and unauthorized access.</li> <li>Users were instructed to properly shut down computers to prevent data loss and hardware issues.</li> </ul>
2.	Hardware Laboratories	<ul style="list-style-type: none"> <li>All digital equipment was grounded to prevent electrical shocks and ensure safe operation.</li> <li>Insulated tools were used for circuit assembly and disassembly, reducing the risk of accidental short circuits or electrical shocks.</li> <li>Components, tools, and wires were kept organized and clear of work areas to avoid accidents and facilitate safe handling.</li> </ul>
3	All Laboratories	<ul style="list-style-type: none"> <li>Safety measures to be adopted are mentioned in laboratories and scrupulously followed by students. Especially in Hardware Laboratories (205C and 212 C), due care is taken to instruct students to avoid circuit connections' mishap.</li> <li>Proper earthing and electrical supply is ensured in all laboratories.</li> <li>The irregular power supply may hamper the life of equipment, Hence the Uninterrupted power supply is provided through UPS available in the UPS Room.</li> <li>Generator Backup is made available for the whole college campus and is utilized mainly for smooth conduction of various online examinations.</li> <li>CCTV is installed in every laboratory for video surveillance throughout the lab sessions.</li> <li>Firewall is available in the Centralized server room.</li> </ul>

		<ul style="list-style-type: none"> <li>• The fire extinguishers are placed at strategic locations in the department.</li> <li>• Emergency Exit Plan in case of Fire hazard is displayed.</li> <li>• First Aid Box is set up with easy access in the department as per the requirement.</li> </ul>
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### D3: Project Laboratory/Research Laboratory

**Table No. D3.1:** List of project laboratory/research laboratory /Centre of Excellence.

S.N.	Name of the Laboratory
1	<b>Project Laboratory – I</b> <b>Facilities:</b> <ul style="list-style-type: none"> <li>• <b>Computer:</b> HP 280 G2MT Desktop Computer Intel coreI7 Processor, 8GB DDR4 RAM, 500GB HDD, HP 18.5” Monitor, USB Keyboard &amp; mouse.</li> <li>• <b>Software:</b> <ul style="list-style-type: none"> <li>(i) Ubuntu 20.04 Operating System(64bit)</li> <li>(ii) Anaconda 3-5.2.0</li> <li>(iii) Python 3.11</li> <li>(iv) VS Code</li> </ul> </li> <li>• <b>Utilities &amp; Tools</b> <ul style="list-style-type: none"> <li>(i) iThenticate</li> <li>(ii) Grammarly</li> <li>(iii) Weka Tool</li> <li>(iv) Quillbot</li> </ul> </li> </ul>
2	<b>Project Laboratory – II</b> <b>Facilities:</b> <ul style="list-style-type: none"> <li>• <b>Computer:</b> HP 280 Gg Desktop Small factor, Intel Core i7-12700 2.10G, 25MB, 12 Cors 65W free Dos, 8GBV DDR4-3200(1x8GB), 512GB SSD, WiFi, Bluetooth, USB KB &amp; mouse, HP 19.5”</li> <li>• <b>Software:</b> <ul style="list-style-type: none"> <li>(i) Ubuntu 20.04</li> <li>(ii) Anaconda 3-5.2.0</li> <li>(iii) Python 3.11</li> <li>(iv) VS Code</li> </ul> </li> <li>• <b>Utilities &amp; Tools:</b> <ul style="list-style-type: none"> <li>(i) iThenticate</li> <li>(ii) Grammarly</li> <li>(iii) Weka Tool</li> <li>(iv) Quillbot</li> </ul> </li> </ul>
3	<b>Center for Health Care Data Analytics</b> <b>Facilities:</b> <ul style="list-style-type: none"> <li>D. <b>DST sanctioned server:</b> <ul style="list-style-type: none"> <li>❖ HP ML350e Server , Gen10, 4208 2.1 GHz, 8-core 1P16G8SFF-P408i-A8000WFs base Tower Server, HPE 960GB SATA 6G Read Intensive SFFSC Multivendor SSD.</li> <li>❖ Assemble Desktop(84715000),Amd 5950*CPU,X570, Motherboard, CPU, Fan Cooler360, 16GB DDR4, 3200MHz, 1TB SSD NVme, Antec Cabinet, 750W gold SMPS, A5000 Graphic Card.</li> </ul> </li> <li>E. <b>NVIDIA KITS:</b> NVIDIA® Jetson TX2 Developer Kit. No. of Kits: 02</li> <li>F. <b>Ardino Kit:</b> Arduino Mega ADK board with USB. No. of Kits: 05</li> <li>G. <b>Camera:</b> <ul style="list-style-type: none"> <li>❖ Arducam 8MP Sony IMX219 Camera Module w/ CS lens 2718. Quantity= 5.</li> <li>❖ Full HD WIFI Sports Camera. Quantity= 2.</li> <li>❖ AI Vision Developer Kit. Quantity= 2.</li> </ul> </li> </ul>

4	<b>PG Research Laboratory</b> <b>Facilities:</b> <ol style="list-style-type: none"> <li><b>Computers:</b> Lenovo M70s 10th Generation Intel® Core™ i7-10700 processor (2.9 GHz up to 4.8 GHz), 8 GB DDR4-2933MHz (UDtMM), 1 TB 7200rpm HDD 3.5" SATA, Integrated UHD Graphics, Intel® Wi-Fi AX201 2x2 trX &amp; Bluetooth® 5.0 or above, Wired KB &amp; Wired Mouse.</li> <li><b>Server:</b> <ul style="list-style-type: none"> <li>❖ HP Proliant ML 350 Gen 10 Server, Tower Model, Intel Xeon Silver 4210 Processor, 2.20GHz, 16 GB+16GB=32Gb RAM, 960 GB SSD, S/N:CN79240SW7</li> <li>❖ HP E ML 110 Gen 4208 IP 16 G 4IFF Server, Batch : SGH115517K HPE 2TB SATA 7.2K LFF LP DS HDD Batch : TH110111CI.</li> </ul> </li> <li><b>MAC System</b> <ul style="list-style-type: none"> <li>□ MAC System: 3.0 Ghz, 6 Core Intel Core i5, Turbo boost 4.1 Ghz, 8GB DDR4 RAM, 256 GB SSD, Radeon Pro 560x with 4 GB of GDDR5 memory, 21.5" 4k display with magic keyboard mouse S/N:C02DD17W07F2,C02DD1710YF2.</li> </ul> </li> </ol>
5	<b>CUDA Center</b> <b>Facilities:</b> <ul style="list-style-type: none"> <li>• <b>NVIDIA GPU cards:</b> NVIDIA NVIDIA GPU cards, Zotac GeForce GT 610, 2GB DDR3. No. of cards= 12</li> <li>• <b>Raspberry Pi Kits:</b> Raspberry Pi2 Model, B+-512 8GB Noobs MicroSD Card. No. of kits: 06.</li> <li>• <b>Server:</b> HP Proliant ML350e Server, Tower Model. 16Gb Ram, 2TB HDD, Intel Xeon Processor E5-2620(2.1Ghz/ 6-Core)</li> <li>• <b>Workstation:</b> Lenovo Workstation, Processor Core i5, 3rd generation, 8GB RAM, 1TB HDD. No. of workstation= 02.</li> </ul>

### **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))/RF4
CAY 2025-26	960	48	40	19	74.58
CAYm1 2024-25	960	48	41	21	77.08
CAYm2 2023-24	900	45	40	21	80.44

## E2: Budget Allocation, Utilization, and Public Accounting at Institute Level

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

Sr. No.	Items	Budget in CFY (2025-26)	Actual expenses in CFY till 30/11/2025	Budgeted in CFYm1 (2024-25)	Actual Expenses in CFYm1 (2024-25)	Budgeted in CFYm2 (2023-24)	Actual Expenses in CFYm2 (2023-24)	Budgeted in CFYm3 (2022-23)	Actual Expenses in CFYm3 (2022-23)
1	Infrastructure Built-Up	130,182,505	74,000,000			-	-		-
2	Library	8,500,000	3,235,328	7,000,000	5,755,350	7,000,000	7,179,028	6,000,000	6,639,366
3	Laboratory Equipment	38,000,000	27,901,700	22,000,000	24,325,788	36,000,000	38,722,259	42,500,000	40,401,258
4	Teaching & Non -Teaching Staff Salary	520,838,794	347,433,396	477,000,000	476,547,172	430,500,000	448,620,831	367,500,000	369,901,701
5	Outreach Program	1,500,000	303,443	-	-	-	-	-	-
6	R&D	8,500,000	4,265,814	9,500,000	7,324,744	8,000,000	7,953,865	8,000,000	7,936,727
7	SDG	2,000,000	90,377						
8	Entrepreneurship	1,500,000	1,188,045						
9	Training, Placement and Industry linkage	3,500,000	1,053,227	3,000,000	3,129,631	3,000,000	2,412,094	2,500,000	2,111,428
10	Others								
	Staff Activities & welfare (FDW)	3,000,000	1,823,407	3,500,000	2,833,969	3,000,000	3,237,665	3,000,000	3,322,104
	Student Activities & Welfare Expenses (SDW)	24,000,000	8,275,651	25,000,000	21,112,703	19,000,000	15,647,243	19,500,000	17,764,257
	Repair & Maintenance	12,500,000	4,898,560	13,500,000	7,098,493	7,000,000	5,041,530	10,000,000	26,751,825
	Consumable Expenses					5,000,000	3,324,726	4,000,000	5,625,753
	Furniture, Electrification, Electricity &	51,200,000	28,464,056	152,479,456	114,482,126	99,520,447	97,027,495	119,789,225	137,940,142

	Fuel Expenses, Communication Expenses, Establishment Expenses, Affiliation Expenses, Municipal Taxes & Water Charges, Building Usage Charges								
	Total	805,221,299	502,933,004	690,979,456	455,743,194	618,020,447	629,166,736	582,789,225	618,394,561

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

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

Items	Budgeted in CFY 2025-26	Actual expenses in CFY (till date)	Budgeted in CFYm1 2024-25	Actual Expenses in CFYm1	Budgeted in CFYm2 2023-24	Actual Expenses in CFYm2	Budgeted in CFYm3 2022-23	Actual Expenses in CFYm3
Laboratory equipment	62,79,000	81,91,080.11	32,94,000	16,19,249.7	85,32,000	98,49,985	1,04,21,000	1,23,33,170
Software								
SDGs	4,04,494.38	18,278.49	-	-	-	-	-	-
Support for faculty development	6,06,742	3,56,679	4,94,100	3,35,229.46	7,02,000	7,33,135	7,14,000	7,66,800
R & D	17,19,101.12	15,05,221.54	15,64,650	11,64,947.51	20,70,000	15,49,692	17,64,000	14,61,849
Industrial Training, Industry expert, Internship	4,37,500	1,95,782	3,75,000	3,91,203	5,00,000	4,02,015	4,16,666	3,51,904
Miscellaneous expenses *	128,43,090	70,92,228	12,174,590	69,87,151	70,20,000	50,25,904	67,66,000	87,37,401
Total amount	2,22,89,927.5	1,73,59269.14	1,79,02,340	1,04,97,780.67	1,88,24,000	1,75,60,731	2,00,81,666	2,36,51,124