

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 : 1
Application No : 11493	Date of Submission : 23-01-2026

PART A- Profile of the Institute

A1. Name of the Institute : R C Patel Institute of Technology	
Year of Establishment : 2001	Location of the Institute: Shirpur
A2. Institute Address : Near Nimzari Naka, Shahada Road, Shirpur - 425405, Dist: Dhule (MS)	
City: Dhule	State: Maharashtra
Pin Code: 425405	Website: www.rcpit.ac.in
Email: principal@rcpit.ac.in	Phone No (with STD Code): 2563-259600
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 : Autonomous CAY(2020-21)	
A5. Ownership Status : Self financing	

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

- No. of UG programs: **9**
- No. of PG programs: **1**

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

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Computer Application	PG	Master of Computer Application	2023	2024	Computer Application
2	Engineering & Technology	UG	Artificial Intelligence and Data Science	2024	--	Artificial Intelligence and Data Science
3	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2021	--	Artificial Intelligence and Machine Learning
4	Engineering & Technology	UG	Civil Engineering	2010	--	Civil Engineering
5	Engineering & Technology	UG	Computer Engineering	2001	--	Computer Engineering
6	Engineering & Technology	UG	Computer Science and Engineering (Data Science)	2020	--	Computer Science and Engineering (Data Science)
7	Engineering & Technology	UG	Electrical Engineering	2012	--	Electrical Engineering
8	Engineering & Technology	UG	Electronics Telecommunication Engineering	2001	--	Electronics and Telecommunication Engineering
9	Engineering & Technology	UG	Information Technology	2024	--	Information Technology
10	Engineering & Technology	UG	Mechanical Engineering	2004	--	Mechanical Engineering

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Computer Engineering	Yes	Computer Engineering	UG
Mechanical Engineering	No	Mechanical Engineering	UG

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.
Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

Allied Department/Cluster Name	Program Name	Program Level
Computer Science and Engineering (Data Science)	Computer Science and Engineering (Data Science)	UG
Artificial Intelligence and Machine Learning	Artificial Intelligence and Machine Learning	UG
Information Technology	Information Technology	UG
Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG

PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPETENT AUTHORITY APPROVAL DETAILS	ACCREDITATION STATUS	FROM	TO	NO. OF TIMES PROGRAM ACCREDITED
1	Computer Engineering	UG	2001 / --	60	Yes	2017	180	2017	AICTE	Applying first time	--	--	0

Sanctioned Intake for Last Five Years for the Computer Engineering	
Academic Year	Sanctioned Intake
2025-26	180
2024-25	180
2023-24	180
2022-23	180
2021-22	180
2020-21	180

List of the Allied Departments/Cluster and Programs:

N=Sanctioned intake of the program (as per AICTE /Competent authority)	180	180	180	180	180	180	180
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	169	180	180	173	178	180	176
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	18	18	25	20	18	22
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	9	9	9	9	9	11	9
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	178	207	207	207	207	209	207

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)	180	169	9	98.89
2024-25 (CAYm1)	180	180	9	105.00
2023-24 (CAYm2)	180	180	9	105.00

Average [(ER1 + ER2 + ER3) / 3] = 102.96≅ 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
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).	207.00	209.00	207.00
B=No. of students who graduated from the program in the stipulated course duration	170.00	189.00	201.00
Success Rate (SR)= (B/A) * 100	82.13	90.43	97.10

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 89.89

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

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
Mean of CGPA or mean percentage of all successful students(X)	7.21	7.59	7.02
Y=Total no. of successful students	184.00	179.00	166.00
Z=Total no. of students appeared in the examination	187.00	192.00	187.00
API [X*(Y/Z)]	7.09	7.08	6.23

Average API[(AP1+AP2+AP3)/3] : 6.80

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)	7.64	7.00	6.46
Y=Total no. of successful students	195.00	187.00	186.00
Z=Total no. of students appeared in the examination	197.00	191.00	191.00
API [X * (Y/Z)]	7.56	6.85	6.29

Average API [(AP1 + AP2 + AP3)/3] : 6.90

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)	7.27	7.09	7.61
Y=Total no. of successful students	186.00	186.00	189.00
Z=Total no. of students appeared in the examination	187.00	186.00	205.00
API [X*(Y/Z)]:	7.23	7.09	7.02

Average API [(AP1 + AP2 + AP3)/3] : 7.11

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	200.00	198.00	204.00
X=No. of students placed	96.00	121.00	142.00
Y=No. of students admitted to higher studies	2.00	1.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	49.00	61.62	69.61

Average Placement Index = (P_1 + P_2 + P_3)/3: 60.08 Placement Index Points:

PART C: Faculty Details in Department and Allied Departments**(Data to be filled in for the Department and Allied Departments)****C1. Faculty details of Department and Allied Departments**

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

Sr.No	Name of the Faculty	PAN No.	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
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1	Dr. Rajnikant Bhagwan Wagh	XXXXXXXX93Q	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	01/07/2005	20.6	Lecturer	Professor	01/08/2020	Regular	Yes		Yes
2	Dr. Jayantrao Bhaurao Patil	XXXXXXXX58A	M.Tech and Ph.D.	North Maharashtra University, Jalgaon	Computer Engineering	18/07/2001	24.6	Professor	Professor	18/07/2001	Regular	Yes		No
3	Dr. Manoj Sakharam Ishi	XXXXXXXX85J	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	23/07/2010	15.5	Assistant Professor	Professor	01/07/2024	Regular	Yes		No
4	Dr. Sandip Ravindra Sonawane	XXXXXXXX20A	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	15/07/2006	19.5	Lecturer	Associate Professor	01/07/2014	Regular	Yes		No
5	Dr. Shailendra Madansing Pardeshi	XXXXXXXX14M	M.Tech and Ph.D.	Oriental University Indore	Computer Science and Engineering	15/07/2006	19.5	Lecturer	Associate Professor	01/07/2014	Regular	Yes		No
6	Dr. Vipul Devendra Punjabi	XXXXXXXX98N	M.Tech and Ph.D.	Oriental University Indore	Computer Science and Engineering	15/01/2009	16.11	Lecturer	Associate Professor	01/07/2014	Regular	Yes		No
7	Dr. Sudarshan Subhashrao Sonawane	XXXXXXXX89G	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	21/10/2021	4.2	Assistant Professor	Associate Professor	01/07/2023	Regular	Yes		No
8	Dr. Puja Dipak Saraf	XXXXXXXX53B	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	19/01/2009	16.11	Lecturer	Associate Professor	01/07/2025	Regular	Yes		No
9	Dr. Pankaj Rambhau Patil	XXXXXXXX30N	M.E. and Ph.D.	Amity University Maharashtra	Computer Science and Engineering	12/07/2010	15.6	Assistant Professor	Associate Professor	01/07/2016	Regular	Yes		No
10	Dr. Mohammadali Muzffarali Saiyyad	XXXXXXXX36D	M.E. and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	02/01/2012	14	Assistant Professor	Associate Professor	02/07/2018	Regular	Yes		No

11	Dr. Pradip Kailas Patil	XXXXXXXX88L	M.Tech and Ph.D.	Amity University Jaipur Rajasthan	Artificial Intelligence	17/06/2025	0.6	Associate Professor	Associate Professor	17/06/2025	Regular	Yes		No
12	Dr. Vandana Mohan Patil	XXXXXXXX98C	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	15/12/2004	19.5	Lecturer	Associate Professor	01/06/2022	Regular	No	31/05/2024	No
13	Mr. Mahesh Madhukar Mahajan	XXXXXXXX05Q	M.Tech	Rajiv Gandhi Proudयोगiki Vishwavidyalaya Bhopal	Computer Science & Engineering	26/07/2010	15.5	Assistant Professor	Assistant Professor		Regular	Yes		No
14	Ms. Punam Ravan Patil	XXXXXXXX16L	M.Tech	Rajiv Gandhi Proudयोगiki Vishwavidyalaya Bhopal	Computer Science & Engineering	22/07/2011	14.5	Assistant Professor	Assistant Professor		Regular	Yes		No
15	Mr. Mayur Jagdish Patil	XXXXXXXX77L	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	01/02/2020	5.11	Assistant Professor	Assistant Professor		Regular	Yes		No
16	Mr. Sagar Uttamrao More	XXXXXXXX58M	M.Tech	SVKM's MPSTME, NMIMS	Computer Engineering	21/10/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
17	Mr. Vishal Sharad Thakare	XXXXXXXX38G	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	01/08/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
18	Ms. Jayshri Suresh Sonawane	XXXXXXXX37B	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	01/08/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
19	Mrs. Sapana Bhushan Raghuvanshi	XXXXXXXX32L	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	01/08/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
20	Ms.Pallavi Arun Agrawal	XXXXXXXX12R	M.E.	Sant Gadgebaba Amravati University	Computer Science & Engineering	01/08/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Mrs.Karishma Tushar Borse	XXXXXXXX78J	M.E.	Savitribai Phule Pune University	Computer Engineering	29/08/2022	3.4	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Mr. Manohar Bhika Patil	XXXXXXXX44A	M.E.	North Maharashtra University, Jalgaon	Computer Science and Engineering	06/04/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No

23	Mrs. Pooja Niraj Bhandari	XXXXXXXX49Q	M.Tech	Dr.Babasaheb Ambedkar Technological University Lonere	Computer Engineering	01/08/2022	3.5	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mr. Atul Shiriram Chaudhari	XXXXXXXX30R	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	23/01/2024	1.11	Assistant Professor	Assistant Professor		Regular	Yes		No
25	Mr. Harshal Shiriram Patil	XXXXXXXX99R	M.Tech	Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal	Computer Science & Engineering	09/01/2023	3	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Mrs. Gayatri Bhushan Patil	XXXXXXXX99E	M.E.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Science & Engineering	06/04/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Ms. Pramila Kailas Ahire	XXXXXXXX80A	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	06/04/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes		No
28	Mr. Mahesh Ravindra Dhakad	XXXXXXXX04Q	M.Tech	Dr.APJ Abdul Kalam University Indore	Computer Science & Engineering	01/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
29	Dr. Makarand Lotan Mali	XXXXXXXX14E	M.E. and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	16/01/2010	15.11	Assistant Professor	Assistant Professor		Regular	No	31/12/2025	No
30	Mr. Dushyant Somnath Potdar	XXXXXXXX01H	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	06/04/2022	3.7	Assistant Professor	Assistant Professor		Regular	No	04/12/2025	No
31	Mrs. Swati Bhushan Patil	XXXXXXXX30F	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	09/01/2023	2.4	Assistant Professor	Assistant Professor		Regular	No	09/06/2025	No
32	Dr. Nitin Namdeo Patil	XXXXXXXX15E	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	16/07/2005	18.11	Lecturer	Professor	01/07/2020	Regular	No	06/07/2024	No

33	Dr. Dharmaraj Rajaram Patil	XXXXXXXX62H	M.E. and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	30/05/2006	18	Lecturer	Professor	01/07/2020	Regular	No	31/05/2024	No
34	Mr. Swapnil Hiralal Chaudhari	XXXXXXXX91Q	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	06/04/2022	2.1	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
35	Dr. Vandana Mohan Patil	XXXXXXXX98C	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	31/05/2025	0.7	Associate Professor	Associate Professor	31/05/2025	Regular	Yes		No

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

Sr.No	Name of the Faculty	PAN No.	APAAR faculty ID*(if any)	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Currently Associated (Y/N)	In case of NO, Date of Leaving	IS HOD?
1	Dr. Ujwala Manoj Patil	XXXXXXXX73J	NA	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	17/09/2002	23.4	Assistant Professor	Professor	01/07/2020	Regular	Yes		Yes
2	Dr. Priti Shivaji Sanjekar	XXXXXXXX83L	NA	M.E. and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	03/07/2009	16.6	Assistant Professor	Associate Professor	01/07/2022	Regular	Yes		No
3	Mr. Atul Deelip Mairale	XXXXXXXX39A	NA	M.Tech	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal	Software Engineering	20/10/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No
4	Ms. Sunetra Prabhakar Salunkhe	XXXXXXXX45E	NA	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	22/10/2021	4.2	Assistant Professor	Assistant Professor		Regular	Yes		No

5	Dr. Manisha Shantaram Patil	XXXXXXXX08L	NA	M.E. and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	30/07/2022	3.5	Assistant Professor	Associate Professor	01/07/2025	Regular	Yes	No
6	Mr. Ashish Kailas Patil	XXXXXXXX81G	NA	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	09/04/2022	3.9	Assistant Professor	Assistant Professor		Regular	Yes	No
7	Mr. Santosh Kumar Bhandare	XXXXXXXX61B	NA	M.Tech	Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	09/01/2023	3	Assistant Professor	Assistant Professor		Regular	Yes	No
8	Mrs. Priyanka Devendra Lanjewar	XXXXXXXX27R	NA	M.E.	Sant Gadge Baba Amravati University, Amravati	Computer Science & Information Technology	13/09/2022	3.3	Assistant Professor	Assistant Professor		Regular	Yes	No
9	Mr. Sujitkumar Vasant Chaudhari	XXXXXXXX30G	NA	M.Tech	Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal	Information Technology	24/07/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes	No
10	Mrs. Tejal Rajesh Girase	XXXXXXXX77J	NA	M.Tech	Sri Satya Sai University of Technology and Medical Sciences, Sehore	Computer Science and Engineering	17/08/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes	No
11	Dr. Kiran Dinkar Chaudhari	XXXXXXXX18Q	NA	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Data Science	17/06/2025	0.6	Associate Professor	Associate Professor		Regular	Yes	No
12	Mr. Juber Ahamad Mo Salim Khatik	XXXXXXXX71N	NA	M.Tech	Narsee Monjee Institute of Management Studies, Mumbai	Data Science	17/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes	No
13	Mr. Yogeshkumar Raghunath Pathak	XXXXXXXX27E	NA	M.Tech	Narsee Monjee Institute of Management Studies, Mumbai	Data Science	17/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes	No
14	Mr. Kailas Dhanraj Deore	XXXXXXXX82R	NA	M.Tech	Narsee Monjee Institute of Management Studies, Mumbai	Data Science	17/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes	No

15	Mr. Niraj Hari Kanot	XXXXXXXX28F	NA	M.Tech	Jawaharlal Nehru Technological University, Hyderabad	Computer Science Engineering	22/10/2021	2.7	Assistant Professor	Assistant Professor		Regular	No	31/05/2024	No
16	Dr. Dharmaraj Rajaram Patil	XXXXXXXX62H	NA	M.E. and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	01/06/2024	1.7	Professor	Professor	01/06/2024	Regular	Yes		No
17	Dr. Sheetal Prashant Patil	XXXXXXXX92B	NA	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	24/12/2007	18	Assistant Professor	Associate Professor	01/07/2025	Regular	Yes		No
18	Dr. Pankaj Valmik Baviskar	XXXXXXXX78Q	NA	M.Tech and Ph.D.	Medicaps University, Indore	Artificial Intelligence	17/06/2025	0.6	Associate Professor	Associate Professor	17/06/2025	Regular	Yes		No
19	Dr. Nitin Girdhar Shinde	XXXXXXXX03J	NA	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Artificial Intelligence	17/06/2025	0.6	Associate Professor	Associate Professor	17/06/2025	Regular	Yes		No
20	Mr. Nilesh Arun Patil	XXXXXXXX23R	NA	M.Tech	Narsee Monjee Institute of Management Studies, Mumbai	Artificial Intelligence	17/06/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
21	Mr. Vasishth Vinayak Katre	XXXXXXXX23J	NA	M.Tech	Government College of Engineering, Amravati	Computer Science & Engineering	21/07/2022	3.6	Assistant Professor	Assistant Professor		Regular	Yes		No
22	Mr. Tushant Anilrao Tayde	XXXXXXXX87G	NA	M.Tech	Government College of Engineering, Amravati	Computer Science & Engineering	04/08/2023	2.5	Assistant Professor	Assistant Professor		Regular	Yes		No
23	Mr. Nilesh Ravindra Chaudhari	XXXXXXXX83B	NA	M.Tech	Dr. Babasaheb Ambedkar Technological University, Lonere - Raigad, Maharashtra	Computer Engineering	01/08/2024	1.5	Assistant Professor	Assistant Professor		Regular	Yes		No
24	Mr. Shankar Laxman Tambe	XXXXXXXX78L	NA	M.Tech	Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	01/02/2025	0.11	Assistant Professor	Assistant Professor		Regular	Yes		No

25	Mrs. Kaminee Subhash Patil	XXXXXXXX20J	NA	M.E.	North Maharashtra University, Jalgaon	Computer Science and Engineering	03/03/2025	0.10	Assistant Professor	Assistant Professor		Regular	Yes		No
26	Ms. Amerah Bano Zameer Ahmed Ansari	XXXXXXXX25C	NA	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	01/04/2023	2.9	Assistant Professor	Assistant Professor		Regular	Yes		No
27	Dr. Vandana Mohan Patil	XXXXXXXX98C	NA	M.Tech and Ph.D.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Engineering	01/06/2024	0.11	Associate Professor	Associate Professor	01/06/2024	Regular	No	30/05/2025	No
28	Ms. Shraddha Rajendra Shah	XXXXXXXX98J	NA	M.E.	North Maharashtra University, Jalgaon	Computer Science & Engineering	01/08/2022	2.9	Assistant Professor	Assistant Professor		Regular	No	02/05/2025	No
29	Mr. Yogesh Landge	XXXXXXXX51L	NA	M.E.	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	Computer Science & Engineering	01/06/2024	1.3	Assistant Professor	Assistant Professor		Regular	No	26/09/2025	No
30	Mr. Ganesh Nandkumar Chaudhari	XXXXXXXX67K	NA	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	17/08/2023	0.10	Assistant Professor	Assistant Professor		Regular	No	06/07/2024	No
31	Mrs. Minakshi Hansraj Savant	XXXXXXXX02K	NA	M.E.	Gujarat Technological University, Ahmedabad	Information Technology	14/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
32	Mr. Ganesh Nandkumar Chaudhari	XXXXXXXX67K	NA	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	14/07/2025	0.6	Assistant Professor	Assistant Professor		Regular	Yes		No
33	Ms. Shraddha Rajendra Mundada	XXXXXXXX24P	NA	M.Tech	Dr.Babasaheb Ambedkar Technological University, Lonere	Computer Engineering	20/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No
34	Ms. Yogita Vikramsingh Solanki	XXXXXXXX62R	NA	M.Tech	Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	01/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
35	Mr. Nitish Jagdish Patidar	XXXXXXXX68P	NA	M.Tech	Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	28/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No

36	Mr. Sagar Gorakh Patil	XXXXXXXX09N	NA	MS	Dublin Business School, Ireland	Data Analytics	28/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No
37	Ms. Megha Ravindra Sisode	XXXXXXXX24G	NA	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	20/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No
38	Mrs. Swati Bhushan Patil	XXXXXXXX30F	NA	M.E.	North Maharashtra University, Jalgaon	Computer Engineering	10/06/2025	0.7	Assistant Professor	Assistant Professor		Regular	Yes		No
39	Mr. Rahul Sakharam Ishi	XXXXXXXX16H	NA	M.Tech	Rajiv Gandhi Proud yogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	11/08/2025	0.5	Assistant Professor	Assistant Professor		Regular	Yes		No
40	Ms. Pooja Balaram Limbola	XXXXXXXX25K	NA	M.Tech	Rajiv Gandhi Proud yogiki Vishwavidyalaya, Bhopal	Computer Science & Engineering	20/08/2025	0.4	Assistant Professor	Assistant Professor		Regular	Yes		No

C2. Student-Faculty Ratio (SFR)

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

UG1=1st UG program

UGn=nth UG program

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

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

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

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

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

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

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

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

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

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

No. of UG Programs in the Department5 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	198	198	198
UG1.C	198	198	198
UG1.D	198	198	198
UG1: Computer Engineering	594	594	594
UG2.B	132	0	0
UG2.C	0	0	0
UG2.D	0	0	0

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG2: Artificial Intelligence and Data Science	132	0	0
UG3.B	132	0	0
UG3.C	0	0	0
UG3.D	0	0	0
UG3: Information Technology	132	0	0
UG4.B	66	66	66
UG4.C	66	66	66
UG4.D	66	66	0
UG4: Artificial Intelligence and Machine Learning	198	198	132
UG5.B	132	66	66
UG5.C	66	66	66
UG5.D	66	66	66
UG5: Computer Science and Engineering (Data Science)	264	198	198
DS=Total no. of students in all UG and PG programs in the Department	594	594	594
AS=Total no. of students of all UG and PG programs in allied departments	726	396	330
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1320	S2= 990	S3= 924
DF=Total no. of faculty members in the Department	28	28	31
AF= Total no. of faculty members in the allied Departments	35	19	17
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 63	F2= 47	F3= 48
FF=The faculty members in F who have a 100% teaching load in the first-year courses	6	4	4
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 23.16	SFR2= 23.02	SFR3= 21.00
Average SFR for 3 years	SFR= 22.39		

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)	20	43	59.00	15.76
2024-25(CAYm1)	8	39	49.00	12.04
2023-24(CAYm2)	9	39	46.00	13.37

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	6.00	5.00	13.00	15.00	39.00	43.00
2024-25	5.00	5.00	11.00	3.00	33.00	39.00
2023-24	5.00	5.00	10.00	4.00	30.00	39.00
Average	RF1=5.33	AF1=5.00	RF2=11.33	AF2=7.33	RF2=34.00	AF2=40.33

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Girish Vinayak Sisode	Officer	Citi Corp Service India Pvt Ltd.	JAVA OOP,REST API, Mock Interview, Semester Project-II	52.00
2	Mr. Vivek Prakash Patil	Co-Founder & Director	Dynamisity Pvt. Ltd.	App Development using Microsoft Power Apps, Project Stage -II	30.00
3	Dr. Arpana Dipak Mahajan	AI Engineering Lead	Wipro, Ahmedabad	Data Analytics and Machine Learning , Semester Project-I	20.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Girish Vinayak Sisode	Officer	Citi Corp Service India Pvt Ltd.	SPRING BOOT, Mock Interview, Semester Project-II	53.00
2	Mr. Vivek Prakash Patil	Co-Founder & Director	Dynamisity Pvt. Ltd.	App Development using Microsoft Power Apps, Project Stage -I	40.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Girish Vinayak Sisode	Officer	Citi Corp Service India Pvt Ltd.	JAVA full Stack Development, Semester Project-I	51.00
2	Mr. Vivek Prakash Patil	Co-Founder & Director	Dynamisity Pvt. Ltd.	Chabot Development using Microsoft Power Virtual Agents , Semester Project-II	35.00

C6. Academic Research

Table No. C6.1: Faculty publication details.

S.No.	Item	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)
1	No. of peer reviewed journal papers published	20	6	4

2	No. of peer reviewed conference papers published	16	23	6
3	No. of books/book chapters published	9	2	0

C7. Sponsored Research Project

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. R. B. Wagh	Mr. V. S. Thakare	Computer Engineering	Website Development for Sumalti Multispeciality Hospital, Sakri	Sumalti Multispeciality Hospital, Sakri	6 Months	0.30
Dr. S. S. Sonawane	Dr. M. S. Ishi	Computer Engineering	CureConnect-Essential Build	Sudip Hospital, Shirpur	6 Months	0.30
Mr. S. R. Sonawane	Mr. S. M. Pardeshi	Computer Engineering	CureConnect-Enterprise Edition	Siddhivinayak Hospital, Shirpur	6 Months	0.37
						Amount received (Rs.):0.97

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mr. S. R. Sonawane	Mr. S. M. Pardeshi	Computer Engineering	Smart Grass Cutting Robot	Ahilya Lawns, Shirpur	6 Months	0.45
Mr. V. D. Punjabi	Mr. P. R. Patil	Computer Engineering	SikhoEasy Learning Platform	Techity, Hyderabad	1 Year	0.35
						Amount received (Rs.):0.80

(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. R. B. Wagh	Dr.M.M.Saiyyad	Computer Engineering	Smart Admission Assistance App	Dnyansiddhi Coaching Class	6 Months	0.25
						Amount received (Rs.):0.25

Total Amount (Lacs) Received for the Past 3 Years: 2.02

Note*:

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

C8. Consultancy Work

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

(CAYm1)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. J. B. Patil	Dr. R. B. Wagh	Examination	Digital Platform Support for Smooth Conduction of MHT-CET Examination 2024-25 (PCB & PCM)	Assessinfra Technology Pvt. Ltd, S-2, IInd Floor, Kings Street, 1st Avenue Lal Bahadur Nagar West, JLN Marg Jaipur, Rajasthan - 302018 GSTIN:- 08AAUCA8505H1ZA	20 Days	3.16
Dr. J. B. Patil	Dr. R. B. Wagh	Examination	Digital Platform Support for Smooth Conduction of MHT-CET Examination 2024-25 (BCA)	Assessinfra Technology Pvt. Ltd, S-2, IInd Floor, Kings Street, 1st Avenue Lal Bahadur Nagar West, JLN Marg Jaipur, Rajasthan - 302018 GSTIN:- 08AAUCA8505H1ZA	1 Day	0.24
						Amount received (Rs.):3.40

(CAYm2)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Dr. J. B. Patil	Dr. R. B. Wagh	Examination	Digital Platform Support for Smooth Conduction of Examination	VM Info Tech	10 Days	1.58
Dr. J. B. Patil	Dr. R. B. Wagh	Examination	Digital Platform Support for Smooth Conduction of MHT CET Examination 2023-24	CET Cell	2 Days	0.15
						Amount received (Rs.):1.73

(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. J. B. Patil	Dr. R. B. Wagh	Examination	Digital Platform Support for Smooth Conduction of NTA NEET	NTA NEET	10 Days	1.80
Dr. J. B. Patil	Dr. R. B. Wagh	Examination	Digital Platform Support for Smooth Conduction of NTA NEET	NTA NEET	10 Days	0.28
Dr. J. B. Patil	Dr. R. B. Wagh	Examination	Digital Platform Support for Smooth Conduction of Ven Sysco Infra Pvt. Ltd.	Ven Sysco Infra Pvt. Ltd.	10 Days	4.30
						Amount received (Rs.):6.38

Total amount (Lacs) received for the past 3 years: 11.51

Note*:

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

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

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

(CAYm1)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Mr. Sandip R. Sonawane	Design And Development of A System For Weed Detection And Control	1 Year	0.72	0.70	Research Work Published
Ms. Puja D. Saraf	On the Tomato Plant Leaf Disease Detection method Using Machine Learning Approach	1 Year	0.72	0.70	Research Work Published
Mr. Makarand M. Mali	On The Suggestion Mining Technique To Improve Quality of Mobile Applications	1 Year	0.72	0.65	Research Work Published
Mr. Mohammadali M. Saiyyad	On the Text Summarization Using Machine Learning Technique	1 Year	0.60	0.55	Research Work Published
Mr. Manoj S. Ishi	Big Data Analytics in Supply Chain Information Systems: Improving Operational Efficiency	1 Year	0.60	0.50	Research Work Published
Ms. Punam R. Patil	An Efficient Vehicle Rental System: Seamless User Experience with Real-Time Web Based	1 Year	0.60	0.55	Research Work Published
			Amount received (Rs.): 3.96		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Mr.Mohammadali M. Saiyyad	On the Text Summarization Using Machine Learning Technique	1 Year	0.60	0.55	Research Work Published,Patent Published and Granted
Mr. Sandip R. Sonawane	Design And Development of A System For Weed Detection And Control	1 Year	0.72	0.65	Research Work Published, Patent Published and Granted
Dr. Dharmaraj R. Patil	Detecting Fake Social Media Profiles Using the Majority Voting Approach	1 Year	0.72	0.70	Research Work Published
			Amount received (Rs.): 2.04		

(CAYm3)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Mr. Manoj S. Ishi	Development of New Method(s) to Choose Optimal Team Combination and predict Winning Chances	1 Year	0.60	0.58	Research Work Published
Dr. Dharmaraj R. Patil	Sentiment Analysis On Social Media Fake Posts Using Machine Learning Technology	1 Year	0.72	0.70	Research Work Published
Mr. Sandip R. Sonawane	Design And Development of A System For Weed Detection	1 Year	0.72	0.70	Research Work Published, Patent Published and Granted
Ms. Puja D. Saraf	On the Tomato Plant Leaf Disease Detection method Using Machine	1 Year	0.60	0.55	Research Work Published
Mr. Makarand M. Mali	On The Suggestion Mining Technique To Improve Quality of	1 Year	0.60	0.55	Research Work Published
			Amount received (Rs.): 3.24		

Total amount (Lacs) received for the past 3 years : 9.24

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	Computer Engineering – Lab 1	20	HP All-in-one (AIO) PC, Printer, UPS 6 KVA.	30 Hrs/Week	Mr. Nilesh Shivaji Mogre	Lab Assistant	Bachelor of Commerce,
2	Computer Engineering – Lab 2	20	HP All-in-one (AIO) PC, Printer, UPS 6 KVA.	36 Hrs/Week	Mr. Nilesh Shivaji Mogre	Lab Assistant	Bachelor of Commerce,
3	Computer Engineering – Lab 3	20	HP All-in-one (AIO) PC, Printer, UPS 6 KVA.	36 Hrs/Week	Mr. Chetan Nandu Sawe	Lab Assistant	Bachelor of Commerce,
4	Computer Engineering – Lab 5	20	HP All-in-one (AIO) PC, Printer, UPS 6 KVA.	36 Hrs/Week	Mr. Chetan Daga Mali	Lab Assistant	Bachelor of Engineering
5	Computer Engineering – Lab 6	20	HP All-in-one (AIO) PC, Printer, UPS 6 KVA.	30 Hrs/Week	Mr. Chetan Daga Mali	Lab Assistant	Bachelor of Engineering
6	Computer Engineering – Lab 8	20	HP All-in-one (AIO) PC, Printer, UPS 6 KVA.	36 Hrs/Week	Mr. Mahendra Raghuna	Lab Assistant	Bachelor of Engineering
7	Computer Engineering – Lab 9	20	HP All-in-one (AIO) PC, Printer, UPS 6 KVA.	30 Hrs/Week	Mr. Mahendra Raghuna	Lab Assistant	Bachelor of Engineering

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Computer Engineering – Lab 1	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.
2	Computer Engineering – Lab 2	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.
3	Computer Engineering – Lab 3	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.
4	Computer Engineering – Lab 5	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.
5	Computer Engineering – Lab 6	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.
6	Computer Engineering – Lab 8	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.
7	Computer Engineering – Lab 9	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.
8	Project Laboratory/ Research Laboratory	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.
9	Centre of Excellence (Computer Centre and Language Lab)	A. Basic safety measures: Do's and Don'ts. B. Lab-specific safety measures: First-aid box, CCTV Surveillance, Fire safety and Electrical Safety.

D3. Project Laboratory/Research Laboratory

To promote project-based learning or research activities, and innovation, the Computer Engineering Department has developed dedicated facilities such as the Project Laboratory and/or Research Laboratory, and Centre of Excellence. These facilities provide students with the required environment for design, experimentation, simulation, testing, coding and advanced technical work. They help in enhancing analytical skills, technical knowledge, and industry readiness of students. The details of these facilities are presented in Table 7.5.1.

Table No. 7.5.1 Project Laboratory/Research Laboratory /Centre of Excellence.

S.N.	Name of the Laboratory
1.	<p>Project Laboratory/ Research Laboratory:</p> <p>The Computer Department has well-established Project Laboratory and Research Laboratory that are available to students for carrying out academic projects, research work, and innovative activities. These laboratories are equipped with adequate computing systems, specialized software tools, experimental facilities, and internet connectivity to support project implementation and research-based learning. Project Laboratory enables students to obtain hands-on experience and to realize their project ideas as executable projects. High speed Internet facility is readily available. It is supported with UPS for uninterrupted power supply. All kinds of project development activities by the students are carried out in this laboratory.</p> <p>Details of completed projects are documented in Section 2.2(D) of the Self-Assessment Report (SAR).</p> <p>Configuration: HP All-in-one (AIO) PC, Printer, UPS 6 KVA and LCD Projector.</p> <p>List Of Software: Windows 10 & 11, Microsoft Office 2013, AutoCAD 2026, Oracle 9i, Turbo C, Microsoft Teams, Python Compiler, Zoom Web Meeting and Cisco Packet Tracer Freeware.</p> <p>Utilization: The Project Laboratory/ Research Laboratory is systematically utilized throughout the academic year for the execution of student projects. Students use the laboratory for requirement analysis, system design, software development, testing, troubleshooting, and performance validation. The facility is also used for prototype development, experimental verification of results, and final project demonstrations before evaluation panels. Faculty members regularly monitor progress, conduct review meetings, and guide students during validation and performance assessment stages. Laboratory usage is planned according to project schedules to ensure effective sharing of infrastructure among student groups.</p> <p>Relevance to POS/PSOs: PO1, PO2, PO3, PO7, PO8, PO9, PO11, PSO1, PSO2.</p>

S.N.	Name of the Laboratory
2.	<p>Centre of Excellence:</p> <p>The Institute has established a Centre of Excellence as a dedicated facility to promote advanced learning, innovation, and industry interaction. It includes specialized facilities such as the Language Lab. It acts as a common platform where students and faculty members can engage in skill enhancement programs, and technology-based initiatives.</p> <p>The Centre is supported with modern infrastructure, updated hardware platforms, and required software tools to work in emerging and interdisciplinary domains. It also facilitates interaction and collaboration with industry professionals, research organizations, and alumni for knowledge sharing and technical guidance.</p> <p>The Centre of Excellence for Foreign Languages to improve students' communication and professional skills. The Language Lab is equipped with audio-visual systems and language learning software to enhance listening, speaking, reading, and writing skills. In addition to English communication training, the lab also provides training in German and Japanese languages to improve global employability and international opportunities for students.</p> <p>The Centre of Excellence integrates the CodeChef Learning Platform to systematically enhance students' programming, problem-solving, and analytical capabilities. It provides a structured and progressive learning environment focused on building strong foundations in coding, logical reasoning, and algorithm design. The curriculum is aligned with industry standards to strengthen computational thinking and core technical competencies required in today's technology-driven landscape.</p> <p>Beyond problem-solving, the platform emphasizes hands-on project development using modern technologies such as MERN (MongoDB, Express.js, React, and Node.js), SQL, Spring Boot, Data Analysis, and Machine Learning. Students gain practical exposure by building real-world applications, working with databases, and developing intelligent systems, thereby bridging the gap between theoretical learning and industry application.</p> <p>Utilization:</p> <p>The Centre of Excellence is actively utilized for student workshops, certification programs, internships, and technical training activities. It provides opportunities for students to work on real-time problems, develop prototypes, and enhance practical skills.</p> <p>Industry experts and alumni are invited for expert talks, mentoring sessions, and technical guidance. The Centre also supports innovation activities, product development initiatives, and entrepreneurship-related efforts. Through these activities, students gain hands-on exposure to modern technologies and professional practices.</p> <p>The Language Lab is utilized for communication skill development, presentation practice, group discussions, interview preparation, and foreign language learning (German and Japanese). It helps students build confidence and prepare for placements and global career opportunities.</p> <p>The CodeChef platform is utilized to enhance students' coding proficiency and analytical thinking through structured practice in a time-bound environment, improving both accuracy and execution speed. It supports systematic preparation for technical interviews and placement processes by reinforcing core programming concepts and data structures.</p> <p>Additionally, students engage in technology-driven project work across domains such as full-stack development (MERN stack), database management (SQL), and Machine Learning, enabling them to build portfolios that demonstrate practical skills alongside problem-solving expertise.</p> <p>Relevance to POS/PSOs: PO1, PO2, PO3, PO7, PO8, PO9, PO11, PSO1, PSO2.</p>

PART E: First Year faculty and financial Resources

(Data to be filled in for the first year course faculty and budget allocation and utilization)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members $((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4));$ Percentage= $((NS1*0.8) + (NS2*0.2))/RF$
2023-24(CAYm2)	600	30	19	15	61
2024-25(CAYm1)	900	45	24	16	50
2025-26(CAY)	900	45	24	17	50

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	56185000	40031473.43	15500000	14184657.16	19500000	17957708.42	26600000	25803609
Library	3010000	2144543.22	390000	365810	475000	428611	600000	562977
Laboratory equipment	19313000	13760818.99	18000000	16334781.67	4000000	3740419.44	2030000	1942207.57
Teaching and non-teaching staff salary	200133000	148598973.9	260500000	258021615	244000000	239915225	20830000	20627479
Outreach Programs	1505000	1072271.61	100000	93515	250000	236479	44000	41828
R&D	2634000	1876475.32	260000	220720	200000	190765	44000	41417.47
Training, Placement and Industry linkage	9030000	6433629.66	7500000	7142410	7200000	6839043.2	3230000	3035586
SDGs	65336000	45571543.42	62000000	58921028.7	70000000	63735562.11	76400000	70692693.32
Entrepreneurship	1693000	1206305.56	150000	139055	175000	168410	142000	133549
Others, specify	16584000	4691188	15000000	720000	7000000	2705775.52	4000000	4092368
Total	375423000	265387223.11	379400000	356143592.53	352800000	335917998.69	133920000	126973714.36

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

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

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
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Laboratory equipment	4806626.36	3424797.56	5025186.24	4560295.56	1286261.17	1202789.07	658288.07	629818.75
Software	622200.90	581088.85	97711.95	96557.28	1607826.46	1495257.50	1621399.18	1327072.42
SDGs	16260847.09	11341862.05	17308974.81	16449396.80	22509570.40	20495144.60	24774979.42	22924214.95
Support for faculty development	124440.18	119462.57	223341.61	201007.45	257252.23	231527.01	162139.92	155654.32
R & D	655550.86	467017.85	72586.02	61619.95	64313.06	61343.40	14268.31	13430.85
Industrial Training, Industry expert, Internship	2247389.64	1601204.05	2093827.60	1993996.69	2315270.10	2199198.92	1047423.87	984379.33
Miscellaneous Expenses*	0.00	0	0	0	0	0	0	0
Total	24717055.03	17535432.93	24821628.23	23362873.73	28040493.42	25685260.50	28278498.77	26034570.62