

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Computer Science and Engineering	Discipline: Engineering & Technology
Level : Under Graduate	Tier: 1
Application No: 11998	Date of Submission: 23-07-2026

PART A- Profile of the Institute

A1.Name of the Institute: Quantum University, Roorkee	
Year of Establishment : 2018	Location of the Institute: Roorkee
A2. Institute Address: Mandawar, 22km Mile Stone, Roorkee-Dehradun Highway (NH-73), Roorkee-247667, Uttarakhand	
City:Haridwar	State:Uttarakhand
Pin Code:247667	Website:www.quantumuniversity.edu.in
Email:info@quantumeducation.in	Phone No(with STD Code):-
A3. Name and Address of the Affiliating University (if any):	
Name of the University :	City:
State :	Pin Code: 0
A4. Type of the Institution: University	
A5. Ownership Status: Self financing	

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

- No. of UG programs: 7
- No. of PG programs: 7

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	2019	--	Computer Application
2	Engineering & Technology	UG	Civil Engineering	2018	--	Civil Engineering
3	Engineering & Technology	PG	Computer Science & Engineering	2018	--	Computer Science and Engineering
4	Engineering & Technology	UG	Computer Science and Engineering	2018	--	Computer Science and Engineering
5	Engineering & Technology	UG	Electrical Engineering	2025	--	Electrical and Electronics Engineering
6	Engineering & Technology	UG	Electronics & Communication Engineering	2024	--	Electrical and Electronics Engineering
7	Engineering & Technology	UG	Mechanical Engineering	2018	--	Mechanical Engineering
8	Engineering & Technology	PG	Structural Engineering	2018	--	Civil Engineering
9	Engineering & Technology	PG	Thermal Engineering	2018	--	Mechanical Engineering
10	Hotel Management	UG	Hotel Management	2018	--	Hotel Management
11	Management	PG	Master of Business Administration	2018	--	Management
12	Pharmacy	PG	Pharmaceutics	2025	--	Pharmacy
13	Pharmacy	PG	Pharmacology	2025	--	Pharmacy
14	Pharmacy	UG	Pharmacy	2019	--	Pharmacy

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 Science and Engineering	No	Computer Science and Engineering	UG

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

No Record

PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPE AUTHORITY ARROVAL DE1
1	Computer Science and Engineering	UG	2018 / --	100	Yes	2025	630	2025	BOM

Sanctioned Intake for Last Five Years for the Computer Science and Engineering

Academic Year

Sanctioned Intake

2025-26 630

2024-25 750

2023-24 680

2022-23 450

2021-22 200

2020-21 150

List of the Allied Departments/Cluster and Programs:

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

A. Name of the HoD :	Dr. Brij Mohan Singh
B. Nature of appointment:	Regular
C. Qualification:	Ph.D

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	630	750	680	450	200	150	150
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	626	750	677	450	198	149	148
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	16	26	22	21	14	3
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	0	0	0	0	0	0	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	626	766	703	472	219	163	151

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)	630	626	0	99.37
2024-25 (CAYm1)	750	750	0	100.00
2023-24 (CAYm2)	680	677	0	99.56

Average [(ER1 + ER2 + ER3) / 3] = 99.64≅ 20.00

B5. Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: The success rate in the stipulated period of a program.

Item	(2021-22) LYG	(2020-21) LYGm1	(2019-20) LYGm2
A*=(No. of students admitted in the 1st year of that batch and those actually admitted in the 2nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any).	220.00	164.00	153.00
B=No. of students who graduated from the program in the stipulated course duration	178.00	148.00	138.00
Success Rate (SR)= (B/A) * 100	80.91	90.24	90.20

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 87.12

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

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

Academic Performance	CAYm1(2024-25)	CAYm2(2023-24)	CAYm3 (2022-23)
X=(Mean of 1st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1st year/10)	6.60	6.96	6.85
Y=Total no. of successful students	741.00	668.00	435.00
Z=Total no. of students appeared in the examination	750.00	677.00	450.00
API [X*(Y/Z)]	6.52	6.87	6.62

Average API[(AP1+AP2+AP3)/3] : 6.67

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)	6.94	7.14	7.00
Y=Total no. of successful students	690.00	449.00	195.00
Z=Total no. of students appeared in the examination	694.00	457.00	200.00
API [X * (Y/Z)]	6.90	7.02	6.82

Average API [(AP1 + AP2 + AP3)/3] : 6.91

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)	7.20	7.23	7.61
Y=Total no. of successful students	440.00	181.00	148.00
Z=Total no. of students appeared in the examination	449.00	195.00	149.00
API [X*(Y/Z)]:	7.06	6.71	7.56

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	220.00	164.00	153.00
X=No. of students placed	178.00	111.00	103.00
Y=No. of students admitted to higher studies	11.00	31.00	27.00
Z= No. of students taking up entrepreneurship	1.00	1.00	2.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	86.36	87.20	86.27

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)	CAY
1	Dr. Brij Mohan Singh	XXXXXXXX82P	Ph.D	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	01/08/2024	1.11	Professor	Professor	01/08/2024	Regular	Y
2	Dr. Ajay Kumar Bharti	XXXXXXXX30E	Ph.D	Babasaheb Bheemrao Ambedkar University, Lucknow	Computer Science and Engineering	15/07/2024	1.11	Professor	Professor	15/07/2024	Regular	Y
3	Dr. Md. Iqbal	XXXXXXXX17A	Ph.D	Maharishi University of Information Technology	Computer Science and Engineering	29/08/2024	1.10	Professor	Professor	29/08/2024	Regular	Y
4	Dr. Mridula	XXXXXXXX82C	Ph.D	Indian Institute of Technology, Roorkee	Pattern Recognition	01/08/2024	1.11	Professor	Professor	01/08/2024	Regular	Y
5	Dr. Deepak Negi	XXXXXXXX39K	Ph.D	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	17/08/2021	4.10	Assistant Professor	Associate Professor	01/08/2022	Regular	Y
6	Dr. Dev Baloni	XXXXXXXX68B	Ph.D	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	21/07/2022	3.9	Associate Professor	Associate Professor	21/07/2022	Regular	N
7	Dr. Mahima Shanker Pandey	XXXXXXXX66F	Ph.D	Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh	Computer Science and Engineering	17/07/2024	1.11	Associate Professor	Associate Professor	17/07/2024	Regular	Y
8	Dr. Mohd Sadim	XXXXXXXX71K	Ph.D	Maharshi Dayanand University, Rohtak	Computer Science and Engineering	22/07/2024	1.11	Associate Professor	Associate Professor	22/07/2024	Regular	Y
9	Dr. Satender Kumar	XXXXXXXX06M	Ph.D	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	02/07/2018	8	Assistant Professor	Associate Professor	01/08/2022	Regular	Y
10	Dr. Sher Jung	XXXXXXXX31C	Ph.D	Maharshi Dayanand University, Rohtak	Computer Science and Engineering	25/07/2024	1.11	Associate Professor	Associate Professor	25/07/2024	Regular	Y
11	Dr. Ankur Rana	XXXXXXXX49J	Ph.D	Quantum University, Roorkee	Computer Science and Engineering	15/07/2019	6.11	Assistant Professor	Assistant Professor		Regular	Y
12	Dr. Anuj Kumar	XXXXXXXX29Q	Ph.D	Shobhit University	Computer Science and Engineering	22/01/2024	2.3	Assistant Professor	Assistant Professor		Regular	N
13	Dr. Chunnu Lal	XXXXXXXX56C	Ph.D	Quantum University, Roorkee	Computer Science & Engineering	15/07/2019	6.11	Assistant Professor	Assistant Professor		Regular	Y
14	Dr. Himanshu Tyagi	XXXXXXXX01M	Ph.D	Quantum University, Roorkee	Computer Science and Engineering	07/08/2019	6.11	Assistant Professor	Assistant Professor		Regular	Y

15	Mr. Abhishek Dhiman	XXXXXXXX13J	M.Tech	NIT, Hamirpur	Computer Science and Engineering	25/08/2025	0.10	Assistant Professor	Assistant Professor		Regular	Y
16	Mr. Alok Kumar	XXXXXXXX87N	M.Tech	Shobhit University	Computer Science and Engineering	18/07/2019	6.11	Assistant Professor	Assistant Professor		Regular	Y
17	Mr. Anurag Chandna	XXXXXXXX51D	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	27/04/2020	6.2	Assistant Professor	Assistant Professor		Regular	Y
18	Mr. Bhupendra Ram	XXXXXXXX32Q	M.Tech	Uttarakhand Technical University, Dehradun	Digital Signal Processing	25/07/2022	3.11	Assistant Professor	Assistant Professor		Regular	Y
19	Mr. Deepak Sharma	XXXXXXXX68N	M.Tech	Rajiv Gandhi Technical Vishwavidyalaya, Bhopal	Computer Science and Engineering	30/08/2024	1.4	Assistant Professor	Assistant Professor		Regular	N
20	Mr. Hemant Kumar Kushwaha	XXXXXXXX20K	M.Tech	SRM University, Chennai	Information Technology	05/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Y
21	Mr. Mayank Chauhan	XXXXXXXX56A	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	08/07/2025	0.11	Assistant Professor	Assistant Professor		Regular	Y
22	Mr. Rahul Kumar	XXXXXXXX02C	M.Tech	Sam Higginbottom University of Agriculture Technology and Sciences, Allahabad UP	Computer Science and Engineering	13/04/2020	6.2	Assistant Professor	Assistant Professor		Regular	Y
23	Mr. Rishi Kumar Sharma	XXXXXXXX34L	M.Sc	University of Greenwich	Computer System and Networking	15/07/2019	6.11	Assistant Professor	Assistant Professor		Regular	Y
24	Mr. Sagar Choudhary	XXXXXXXX98A	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	11/08/2022	3.10	Assistant Professor	Assistant Professor		Regular	Y
25	Mr. Sohan Lal	XXXXXXXX14D	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	15/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
26	Mr. Vineet Kaundal	XXXXXXXX69J	M.Tech	NIT, Hamirpur	Computer Science and Engineering	12/08/2025	0.10	Assistant Professor	Assistant Professor		Regular	Y
27	Mr. Vineet Kumar Salar	XXXXXXXX62L	M.Tech	Dr. APJ Abdul Kalam Technical University, Uttar Pradesh	Computer Science and Engineering	19/07/2021	4.11	Assistant Professor	Assistant Professor		Regular	Y
28	Mr. Vishal Vig	XXXXXXXX73E	M.Tech	Lovely Professional University	Computer Science and Engineering	02/07/2018	8	Assistant Professor	Assistant Professor		Regular	Y
29	Mr. Vivek Kumar	XXXXXXXX38K	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science	01/09/2021	4.10	Assistant Professor	Assistant Professor		Regular	Y
30	Mrs. Aditi	XXXXXXXX77E	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	06/08/2024	1.10	Assistant Professor	Assistant Professor		Regular	Y
31	Ms. Jaishree Goyal	XXXXXXXX42E	M.Tech	NIT, Delhi	Computer Science and Engineering	03/02/2025	1.5	Assistant Professor	Assistant Professor		Regular	Y

32	Ms. Rimmy	XXXXXXXX21A	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	11/02/2025	1.4	Assistant Professor	Assistant Professor		Regular	Y
33	Dr. Devendra Singh	XXXXXXXX75H	Ph.D	Ch. Charan Singh University, Meerut	Computer Science and Engineering	16/08/2021	3.10	Professor	Professor	16/08/2021	Regular	N
34	Dr. Manish Sharma	XXXXXXXX01G	Ph.D	Suresh Gyan Vihar University	Computer Science and Engineering	29/07/2021	3	Professor	Professor	29/07/2021	Regular	N
35	Dr. Ashish Saini	XXXXXXXX14K	Ph.D	Gurukul Kangri (Deemed to be University), Haridwar	Computer Science	09/08/2022	3.10	Assistant Professor	Associate Professor	10/08/2023	Regular	Y
36	Dr. Rishi Kumar Sharma	XXXXXXXX96L	Ph.D	Tagore University, Madhya Pradesh	Software Engineering	01/06/2021	3	Associate Professor	Associate Professor	01/06/2021	Regular	N
37	Mrs. Priyanka Kapila	XXXXXXXX13N	M.Tech	Punjab Technical University	Computer Science and Engineering	15/07/2022	2.10	Assistant Professor	Assistant Professor		Regular	N
38	Ms. Shalini	XXXXXXXX88Q	M.Tech	Graphic Era University, Dehradun	Computer Science and Engineering	20/03/2020	5.3	Assistant Professor	Assistant Professor		Regular	N
39	Mr. Kuldeep	XXXXXXXX96K	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	25/02/2023	1.5	Assistant Professor	Assistant Professor		Regular	N
40	Dr. Vijay Singh	XXXXXXXX11M	Ph.D	Techno Global University	Computer Science	15/07/2024	1.11	Associate Professor	Associate Professor	15/07/2024	Regular	Y
41	Dr. Raj Kumar	XXXXXXXX05F	Ph.D	O. P. J. S. University, Churu	Computer Science	21/08/2024	1.10	Assistant Professor	Assistant Professor		Regular	Y
42	Dr. Sumit Sharma	XXXXXXXX56C	Ph.D	NIT, Kurukshetra	Software Engineering	11/07/2024	1	Assistant Professor	Assistant Professor		Regular	N
43	Mrs. Reenu Saini	XXXXXXXX39E	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	23/08/2024	1.10	Assistant Professor	Assistant Professor		Regular	N
44	Dr. Naznin	XXXXXXXX18G	Ph.D	Indian Institute of Technology, Dhanbad	Humanities	24/08/2020	5.10	Assistant Professor	Associate Professor	02/08/2021	Regular	Y
45	Dr. Veeke	XXXXXXXX99R	Ph.D	Gurukul Kangri (Deemed to be University) Haridwar	English	01/09/2022	3.10	Assistant Professor	Assistant Professor		Regular	Y
46	Dr. Mohneesh Gupta	XXXXXXXX62J	Ph.D	Gurukul Kangri (Deemed to be University) Haridwar	English	10/08/2022	3.10	Assistant Professor	Assistant Professor		Regular	Y
47	Dr. Shikha Singh	XXXXXXXX88C	Ph.D	CMJ University, Meghalaya	Methamatics	15/07/2019	6.11	Assistant Professor	Associate Professor	10/08/2023	Regular	N
48	Dr. Gunjan Agarwal	XXXXXXXX65A	Ph.D	Shobhit University	Mathematics	12/04/2023	3.2	Assistant Professor	Assistant Professor		Regular	Y
49	Dr. Prince Divakar Saxena	XXXXXXXX57K	Ph.D	Bharathiar University, Coimbatore	Computer Science	13/07/2024	1.11	Associate Professor	Associate Professor	13/07/2024	Regular	Y
50	Ms. Sonam Bhandari	XXXXXXXX75H	M.Tech	Uttaranchal University	Computer Science and Engineering	06/08/2025	0.10	Assistant Professor	Assistant Professor		Regular	N
51	Dr. Amrita Kumari	XXXXXXXX68E	Ph.D	Indian Institute of Technology, Dhanbad	Computer Science	19/07/2021	4.11	Assistant Professor	Associate Professor	01/08/2022	Regular	Y
52	Dr. Pallavi Bhardwaj	XXXXXXXX71A	Ph.D	Gurukul Kangri (Deemed to be University) Haridwar	Management	23/08/2023	2.10	Assistant Professor	Assistant Professor		Regular	Y

53	Dr. Noopur Jaiswal	XXXXXXXX49E	Ph.D	Dev Sanskriti Vishwavidyalaya, Haridwar	Clinical Psychology	10/08/2022	3.10	Assistant Professor	Associate Professor	10/08/2023	Regular	Y
54	Ms. Preeti Saroj	XXXXXXXX97G	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	20/02/2023	1.4	Assistant Professor	Assistant Professor		Regular	N
55	Ms. Neha Pokhariyal	XXXXXXXX79J	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	07/08/2023	1.11	Assistant Professor	Assistant Professor		Regular	N
56	Ms. Neetu Mourya	XXXXXXXX08N	M.Tech	Dr. APJ Abdul Kalam Technical University, Uttar Pradesh	Computer Science and Engineering	05/02/2024	2.5	Assistant Professor	Assistant Professor		Regular	Y
57	Ms. Jyoti Pippal	XXXXXXXX20K	M.E.	Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal	Communication Control and Networking	07/08/2023	2.9	Assistant Professor	Assistant Professor		Regular	N
58	Ms. Apoorva Singh	XXXXXXXX92D	M.E.	Thapar Institute of Engineering and Technology, Patiala	Computer Science and Engineering	12/08/2023	1.10	Assistant Professor	Assistant Professor		Regular	N
59	Ms. Ankita Singh Rana	XXXXXXXX00H	M.Tech	Shobhit University	Computer Science and Engineering	03/08/2023	2.11	Assistant Professor	Assistant Professor		Regular	Y
60	Mrs. Shilpy Sharma	XXXXXXXX32E	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	08/05/2023	3.2	Assistant Professor	Assistant Professor		Regular	Y
61	Mrs. Mamta Martolia	XXXXXXXX24E	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	01/02/2023	1.4	Assistant Professor	Assistant Professor		Regular	N
62	Mr. Upendra Ballabh	XXXXXXXX99J	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	16/03/2023	2.2	Assistant Professor	Assistant Professor		Regular	N
63	Mr. Shiv Preet	XXXXXXXX64E	M.Tech	Lovely Professional University	Computer Science and Engineering	20/07/2023	0.11	Assistant Professor	Assistant Professor		Regular	N
64	Mr. Satyendra Singh	XXXXXXXX76A	M.Tech	Gautam Buddh Technical University	Computer Science and Engineering	21/01/2023	3.4	Assistant Professor	Assistant Professor		Regular	N
65	Mr. Satyam Choudhary	XXXXXXXX14G	M.Tech	Maulana Abul Kalam Azad University of Technology, West Bengal	Computer Science and Engineering	08/08/2023	1	Assistant Professor	Assistant Professor		Regular	N
66	Mr. Madhukar Dwivedi	XXXXXXXX96F	M.Tech	Dr. APJ Abdul Kalam Technical University, Uttar Pradesh	Computer Science and Engineering	17/02/2024	2.4	Assistant Professor	Assistant Professor		Regular	N
67	Mr. Deepak Bhatt	XXXXXXXX84P	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	02/08/2019	6.11	Assistant Professor	Assistant Professor		Regular	Y
68	Dr. Satveer	XXXXXXXX68F	Ph.D	Gurukul Kangri (Deemed to be University), Haridwar	Computer Science	15/05/2021	3.2	Assistant Professor	Associate Professor	10/08/2023	Regular	N
69	Mr. Vipin Kumar Dhiman	XXXXXXXX06M	M.Tech	Shobhit University, Meerut	Computer Engineering	15/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
70	Mr. Bhanu Pratap	XXXXXXXX77Q	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	17/08/2023	2.10	Assistant Professor	Assistant Professor		Regular	Y

71	Dr. Amit Dixit	XXXXXXXX11A	Ph.D	Ch. Charan Singh University, Meerut	Wireless Multimedia Communication	02/07/2018	8	Associate Professor	Professor	15/07/2019	Regular	Y
72	Dr. Shahin Perwez	XXXXXXXX21Q	Ph.D	Shri Venkateshwar University, Uttar Pradesh	Wireless Sensor Network	06/08/2020	5.11	Associate Professor	Professor	10/08/2023	Regular	N
73	Dr. Vivek Kumar	XXXXXXXX45H	Ph.D	Dayalbagh Educational Institute (Deemed University), Agra	Communication Networking	15/03/2018	8.4	Professor	Professor	15/03/2018	Regular	Y
74	Dr. Kunal Gupta	XXXXXXXX55Q	Ph.D	Sri Satya Sai University of Technology & Medical Sciences, Sehore	Neural Network	20/07/2024	1.11	Associate Professor	Associate Professor	20/07/2024	Regular	Y
75	Dr. Charu	XXXXXXXX73M	Ph.D	Graphic Era University, Dehradun	Renewable Energy Systems	05/08/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
76	Dr. Tanu Gupta	XXXXXXXX46P	Ph.D	IIT, Roorkee	Remote Sensing	08/07/2025	1	Assistant Professor	Assistant Professor		Regular	N
77	Mr. Gufran Ahmed	XXXXXXXX23P	M.Tech	Motilal Nehru National Institute of Technology, Allahabad	Information Security	06/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Y
78	Mr. Sandeep Kumar	XXXXXXXX83Q	M.Tech	NIT, Kurukshetra	Electronics and communication Engineering	01/08/2025	0.10	Assistant Professor	Assistant Professor		Regular	N
79	Mrs. Madhulika Mittal	XXXXXXXX06N	M.Tech	Veer Madho Singh Bhandari Uttarakhand Technical University	Computer Science	10/06/2021	5.1	Assistant Professor	Assistant Professor		Regular	Y
80	Dr. Surender Singh	XXXXXXXX82A	Ph.D	DAV University, Jalandhar	Wireless Body Area Network	18/03/2026	0.4	Associate Professor	Associate Professor	18/03/2026	Regular	Y
81	Mr. Shubham Saini	XXXXXXXX13L	M.Tech	NIT, Delhi	Computer Science & Engineering	02/02/2026	0.5	Assistant Professor	Assistant Professor		Regular	Y
82	Mrs. Gurmeet Kaur	XXXXXXXX34E	M.Tech	Uttarakhand Technical University, Dehradun	Power System	16/07/2018	6.9	Assistant Professor	Assistant Professor		Regular	N
83	Dr. Mahendra Swain	XXXXXXXX02C	Ph.D	Lovely Professional University	Internet of Things	23/07/2019	5.10	Assistant Professor	Assistant Professor		Regular	N
84	Mrs. Mohita Trehan	XXXXXXXX10B	M.Tech	Punjab Technical University	Mobile Ad Hoc Network	06/08/2019	4.10	Assistant Professor	Assistant Professor		Regular	N
85	Dr. Prashant Kumar	XXXXXXXX72J	Ph.D	National Institute of Technology, Durgapur	Biomedical Engineering	10/08/2023	0.10	Assistant Professor	Assistant Professor		Regular	N
86	Mr. Deepak Saini	XXXXXXXX43E	M.Tech	Quantum University, Roorkee	Computer Science and Engineering	01/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Y
87	Mr. Mukesh Kumar Tiwari	XXXXXXXX65M	M.Tech	Quantum University, Roorkee	Computer Science and Engineering	01/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Y
88	Ms. Vaishnavi Chaudhary	XXXXXXXX61E	M.Tech	Quantum University, Roorkee	Computer Science and Engineering	01/08/2025	0.10	Assistant Professor	Assistant Professor		Regular	N

89	Ms. Deepti Sharma	XXXXXXXX70K	M.Tech	Veer Madho Singh Bhandari Uttarakhand Technical University	Computer Science and Engineering	22/07/2025	0.11	Assistant Professor	Assistant Professor		Regular	Y
90	Dr. Varsha Sharma	XXXXXXXX68P	Ph.D	Glocal University, Saharanpur	Computer Science and Engineering	24/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
91	Mr. Raj Kumar Verma	XXXXXXXX58K	M.Tech	Shobhit University	Computer Science and Engineering	08/07/2025	1	Assistant Professor	Assistant Professor		Regular	Y
92	Mr. Prakhar Kumar Agarwal	XXXXXXXX61L	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	17/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
93	Mr. Kaushal Kumar	XXXXXXXX02D	M.Tech	Punjab Technical University	Computer Science and Engineering	01/08/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
94	Mr. Sarfaraz Ahmad	XXXXXXXX98D	M.Tech	Maharshi Dayanand University, Rohtak	Computer Engineering	27/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
95	Mr. Avnish Kumar	XXXXXXXX99Q	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	01/08/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
96	Mr. Harsh Baliyan	XXXXXXXX26E	M.Tech	Gautam Buddha University, Greater Noida	Computer Science and Engineering	30/06/2025	1	Assistant Professor	Assistant Professor		Regular	Y
97	Mr. Ashvani Kumar	XXXXXXXX28D	M.Tech	Dr. APJ Abdul Kalam Technical University, Uttar Pradesh	Computer Science and Engineering	25/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
98	Mr. Shanker Singh	XXXXXXXX43P	M.Tech	Swami Vivekanand Subharti University	Computer Science and Engineering	31/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
99	Mr. Nitish Kumar Saini	XXXXXXXX18B	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	31/07/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
100	Mr. Rajat Kumar	XXXXXXXX70L	M.Tech	Dr. APJ Abdul Kalam Technical University, Uttar Pradesh	Computer Science and Engineering	28/07/2025	0.11	Assistant Professor	Assistant Professor		Regular	Y
101	Ms. Sonali	XXXXXXXX44B	M.Tech	Veer Madho Singh Bhandari Uttarakhand Technical University	Computer Science and Engineering	11/08/2025	0.11	Assistant Professor	Assistant Professor		Regular	Y
102	Mr. Brijesh Kumar	XXXXXXXX46G	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science	17/07/2024	2	Assistant Professor	Assistant Professor		Regular	Y
103	Mr. Kishan Raj	XXXXXXXX64C	M.Tech	Mahatma Gandhi Central University	Computer Science	05/08/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y
104	Ms. Shalini Kaliyahan	XXXXXXXX77F	M.Tech	Dr. APJ Abdul Kalam Technical University, Uttar Pradesh	Computer Science	19/07/2025	1	Assistant Professor	Assistant Professor		Regular	Y
105	Ms. Priti Saini	XXXXXXXX40G	M.Tech	Uttarakhand Technical University, Dehradun	Computer Science and Engineering	15/07/2024	2	Assistant Professor	Assistant Professor		Regular	Y
106	Mr. Amit Kumar Jain	XXXXXXXX99M	M.Tech	Shobhit University	Computer Engineering	12/08/2024	1.11	Assistant Professor	Assistant Professor		Regular	Y

107	Ms. Prachi Bhatnagar	XXXXXXXX07M	M.Tech	Dr. APJ Abdul Kalam Technical University, Uttar Pradesh	Computer Science and Engineering	27/06/2025	1	Assistant Professor	Assistant Professor		Regular	Y
108	Mr. Sumit	XXXXXXXX99H	M.Tech	Veer Madho Singh Bhandari Uttarakhand Technical University	Computer Science and Engineering	15/07/2024	2	Assistant Professor	Assistant Professor		Regular	Y

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

C2. Student-Faculty Ratio (SFR)

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

UG1=1st UG program

UGn=nth UG program

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

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

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

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

PG1=1st PG program.

PGm=mth PG program

A= No. of Students in PG 1st year

B= No. of Students in PG 2nd year

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

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

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

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

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

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

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	767	680	450
UG1.C	680	450	200
UG1.D	450	200	157
UG1: Computer Science and Engineering	1897	1330	807
PG1.A	12	12	12
PG1.B	12	12	6
PG1: Computer Science & Engineering	24	24	18
DS=Total no. of students in all UG and PG programs in the Department	1921	1354	825
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 1921	S2= 1354	S3= 825
DF=Total no. of faculty members in the Department	85	75	51
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 85	F2= 75	F3= 51
FF=The faculty members in F who have a 100% teaching load in the first-year courses	3	3	2
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 23.43	SFR2= 18.81	SFR3= 16.84
Average SFR for 3 years	SFR= 19.69		

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)	30	55	96.00	13.54
2024-25(CAYm1)	30	45	67.00	17.91
2023-24(CAYm2)	18	33	41.00	19.02

C4. Faculty Cadre Proportion

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

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

Year	Professors		Associate Professors		Assistant Professors	
	Required RF1	Available AF1	Required RF2	Available AF1	Required RF3	Available AF3
2025-26	11.00	7.00	21.00	14.00	64.00	64.00
2024-25	8.00	8.00	15.00	14.00	45.00	53.00
2023-24	5.00	5.00	9.00	10.00	28.00	36.00
Average	RF1=8.00	AF1=6.67	RF2=15.00	AF2=12.67	RF2=45.67	AF2=51.00

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr Adarsh Shrivastva	Professor of Practice	Mahindra and Mahindra, Haridwar	Project Based Learning	50.00

(CAYm2)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Dr V K Sharma	Visiting	GKU Haridwar	Research & Projects	50.00

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr Gurjot Singh	Visiting	Quick Heal Academy	Cyber Security	50.00

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	240	172	22
2	No. of peer reviewed conference papers published	59	118	31
3	No. of books/book chapters published	66	8	183

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
Mr Vivek Kumar		Department of Computer Science and Engineering	Smart Home Automation Sysytem Using IoT	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.05
Dr Dev Baloni		Department of Computer Science and Engineering	IoT Based Air Quality System	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	2.80
Dr Iqbal		Department of Computer Science and Engineering	IoT Enabled Parking System	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.45
Dr Sumit Sharma		Department of Computer Science and Engineering	IoT Based Smart Agriculture System	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.25
Mr Monti Saini		Department of Computer Science and Engineering	IoT Powered Based Smart Water Management System	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.30
Mr Sohan Lal		Department of Computer Science and Engineering	IoT - Based Waste System for Smart Cities	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.30
Ms Shilpy		Department of Computer Science and Engineering	IoT Based Fire detection and Alert Sytem	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	2.95
BHUPENDRA RAM		Department of Computer Science and Engineering	Implementation of a Honeypot for threat analysis	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.75
KAPIL KUMAR		Department of Computer Science and Engineering	Network Packet Analysis tool for Malicious Traffic	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.65
ANKITA SINGH RANA		Department of Computer Science and Engineering	VPN Security Assesment and Optimization	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.15
NEHA POKHRIYAL		Department of Computer Science and Engineering	Securing lot Devices Using Blockchain Technology	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.20
NISHA SHARMA		Department of Computer Science and Engineering	Vulnerability Scanner for web Applications	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	3.15
HIMANSHU TYAGI		Department of Computer Science and Engineering	Predicting respiratory Disease from Chest X-Ray Images	ASSOCIATED ALCOHOLS BREWERIES LIMITED	1 Year	2.80
						Amount received (Rs.):41.80

(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. Deepak Negi		Department of Computer Science and Engineering	To Develop Artificial Intelligence Method To Enhance Security Protocols In Financial Transactions, Including Fraud Detection And Prevention	BRACE IRON AND STEEL PRIVATE LIMITED	1 Year	3.60
Dr. Dev Baloni		Department of Computer Science and Engineering	A Comprehensive Study Of lot Applications For Energy Management In Different Sectors Of Rural Areas In Uttarakhand	BRACE IRON AND STEEL PRIVATE LIMITED	1 Year	4.85
						Amount received (Rs.):8.45

(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 Deepak Negi		Department of Computer Sc Department of Computer Science And Engineering	Automated Visual Inspection System for Quality Control of Decorative Plywood Panels.	Metro Decorative Pvt Ltd	1 Year	0.44
Dr Deepak Negi		Department of Computer Science And Engineering	Design And Implementation Of A Smart Device That Counts The Number Of People and their Preferences In The Decorative Industry, Including Emerging Styles And Designs.	Metro Decorative Pvt Ltd	1 Year	0.44
Mr Chunnu Lal		Department of Computer Science And Engineering	Design & Simulation Of Secure Virtual Private Network (Vpn) Such As 3D Printing And Virtual Reality,	Metro Decorative Pvt Ltd	1 Year	0.46
Mr Chunnu Lal		Department of Computer Science And Engineering	The Exploration Of Collaboration And Innovation Opportunities With Other Industries, Such As Fashion, Automotive using Data based Technology.	Metro Decorative Pvt Ltd	1 Year	0.42
Mr Deepak Bhatt		Department of Computer Science And Engineering	The Study Of the Online Feedback of User Experience In The Decorative Industry, Including The Development Of Products That Are Both Functional And Aesthetically Pleasing.	Metro Decorative Pvt Ltd	1 Year	0.43
Mr Deepak Bhatt		Department of Computer Science And Engineering	Application of image processing techniques to pre-process the images and extract relevant features for defect detection, such as texture analysis, edge detection, and color analysis in decorative products.	Metro Decorative Pvt Ltd	1 Year	0.45
Mr Rishi Kumar Sharma		Department of Computer Science And Engineering	A comparative approach on Role of developing new technologies to make a significant contribution to the timber industry and the environment.	Metro Decorative Pvt Ltd	1 Year	0.48
Mr Satender Kumar		Department of Computer Science And Engineering	Develop machine learning models, such as convolutional neural networks (CNNs), to detect and classify different types of defects, including cracks, delamination, surface imperfections, and discoloration.	Metro Decorative Pvt Ltd	1 Year	0.46
Mr Satender Kumar		Department of Computer Science And Engineering	The use of artificial intelligence (AI) to improve the quality of fibre and sawn timber.	Metro Decorative Pvt Ltd	1 Year	0.45
Ms Madhulika Mittal		Department of Computer Science And Engineering	Creating A Device Which Can Set Up An Alarm/Music On Automatically Changing In The Color Of The Light in Interior Design of the Decorative Furniture.	Metro Decorative Pvt Ltd	1 Year	0.45
						Amount received (Rs.):4.48

Total Amount (Lacs) Received for the Past 3 Years: 54.73

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 Brij Mohan		Dept of Computer Sciences & Engineering	Training on Cyber Security and Cyber Threat Mitigation for ICCM Manpower (70 participants) - trainings done in quarter April - June ' 24	Strategic Marketing	1 Year	8.85
Dr Satender Kumar		Dept of Computer Sciences & Engineering	Training on Cyber Security and Cyber Threat Mitigation for ICCM Manpower (70 participants) - trainings done in quarter April - June ' 24	Strategic Marketing	1 Year	8.85
Dr Mridula		Dept of Computer Sciences & Engineering	Training on Cyber Security and Cyber Threat Mitigation for ICCM Manpower (70 participants) - trainings done in quarter April - June ' 24	Strategic Marketing	1 Year	8.85
						Amount received (Rs.):26.55

(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 Brij Mohan Singh		Dept of Computer Science and Engineering	Training on Cyber Security and Cyber Threat Mitigation for ICCM Manpower (70 participants) - trainings done in quarter Oct-December' 23	Strategic Marketing	1 Year	8.85
Ms. Amrita Kumari		Dept of Computer Sciences & Engineering	Training on Cyber Security and Cyber Threat Mitigation for ICCM Manpower (70 participants) - trainings done in quarter Jan - March' 24	Strategic Marketing	1 Year	8.85
						Amount received (Rs.):17.70

(CAYm3)

PI Name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project Title*	Name of the Funding agency	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25
Mr. Sagar Choudhary		Dept of Computer Sciences & Engineering	Technical Service for Cyber Security Audit	Acies Pharmaceutical Private Limited	1 Year	3.54
Mrs Madhulika Mittal		Dept of Computer Sciences & Engineering	Training on cyber security and cyber threat mitigation	Bluest Mettle Solutions Pvt Ltd	1 Year	8.26
Mr. Rishi Sharma		Dept of Computer Sciences & Engineering	Software Support for High Performance Computing	Dsire Technologies	1 Year	3.54
Mr. Satendra Kumar		Dept of Computer Sciences & Engineering	Technical Services for Cyber Security Audit	Dsire Technologies	1 Year	5.90
Mrs Madhulika Mittal		Dept of Computer Sciences & Engineering	Technical Service for website monitoring and usage reporting	Dsire Technologies	1 Year	6.49
Dr. Manish Sharma		Dept of Computer Sciences & Engineering	Content Development for e-courses on Computer Science	Dsire Technologies	1 Year	8.26
Mr. Anurag Chandna		Dept of Computer Sciences & Engineering	"Training of technical Staff on Deployment of servers, Creation of networks and VLANs. "	Infosoft Consultants	1 Year	5.90
Mr. Mahendra Swain		Dept of Computer Sciences & Engineering	Software development for Billing and Website Development	Saraswati Press	1 Year	4.72
Ms Shalini Singh		Dept of Computer Sciences & Engineering	"Training on Cyber Security and Cyber Threat Mitigation for ICCC Manpower (70 participants) - trainings done in quarter july-sept' 22 "	Strategic Marketing	1 Year	7.08
Dr. Amrita Kumari		Dept of Computer Sciences & Engineering	"Training on Cyber Security and Cyber Threat Mitigation for ICCC Manpower (70 participants) - trainings done in quarter oct-dec' 22 "	Strategic Marketing	1 Year	7.08
Ms Priyanka Kapila		Dept of Computer Sciences & Engineering	"Training on Cyber Security and Cyber Threat Mitigation for ICCC Manpower (70 participants) - trainings done in quarter january - march '23 "	Strategic Marketing	1 Year	7.08
Mr. Satendra Kumar		Dept of Computer Sciences & Engineering	Software development for Billing and training of staff	TF Traders	1 Year	3.54
Ms. Reshoo Devi		Dept of Computer Sciences & Engineering	Training on Staff Ms Excel & other Microsoft Office tools	VIDYA BOOKS	1 Year	2.95
Dr. Amrita Kumari		Dept of Computer Sciences & Engineering	Technical Services for website monitoring and Usage Reporting	VIDYA BOOKS	1 Year	3.78
Mr. Irphan Ali		Dept of Computer Sciences & Engineering	Software Support for High Performance Computing	VIDYA BOOKS	1 Year	3.89
Mr. Himanshu Tyagi		Dept of Computer Sciences & Engineering	Content Development for e-courses on Computer Science	VIDYA BOOKS	1 Year	4.72
Mr. Aadarsh Malviya		Dept of Computer Sciences & Engineering	Technical Services for Cyber Security Audit	VIDYA BOOKS	1 Year	5.90
Dr. Ansh Gupta		Dept of Computer Sciences & Engineering	Software development for Billing and training of staff	Zain Traders	1 Year	4.72
						Amount received (Rs.):97.35

Total amount (Lacs) received for the past 3 years: 141.60

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
AMIT KUMAR	Weather Forecasting System	1 Year	2.05	2.05	Mini Projects Developed
AMRITA KUMARI	Network Security System with Basic Intrusion Detection	1 Year	2.12	2.12	Mini Projects Developed
Dr Dev Baloni	IoT Based Air Quality System	1 Year	1.89	1.89	Mini Projects Developed
Mr Sohan Lal	Designing a low-cost Local Area Network (LAN)	1 Year	2.24	2.24	Mini Projects Developed
Mr Vivek Kumar	Smart Home Automation Sysytem Using IoT	1 Year	2.71	2.71	Mini Projects Developed
MUKESH KUMAR TIWARI	Siumulation of Iot Communication Protocols (MQTT,CoAP)	1 Year	2.56	2.56	Mini Projects Developed
Reenu Saini	Simulation of 5g Network Architecture and Use cases	1 Year	2.98	2.98	Mini Projects Developed
SAGAR CHOUDHARY	Wifi Mesh Network for rural Connectivity	1 Year	2.15	2.15	Mini Projects Developed
SHILPY SHARMA	Designing a Virtual Private Network(VPN)	1 Year	1.36	1.36	Mini Projects Developed
			Amount received (Rs.): 20.06		

(CAYm2)

Faculty name	Project title/ Support for Activity	Duration of the project	Amount(Lacs) i.e. 15,25,000=15.25	Amount Utilized(Lacs) i.e. 15,25,000=15.25	Outcomes of the project
Dr Himanshu Tyagi	Frequent Action Recognition With Lightweight Preprocessing And Augmentation (Flora)	1 Year	1.45	1.45	Patent
Mr Mukesh Kumar Tiwari	Calories Burnt Prediction System Using Machine Learning: A Survey	1 Year	1.27	1.27	Research Paper Published
Mr Chunnu Lal	Method And System For Forecasting Water Quality Of Water Source	1 Year	1.50	1.50	Patent
Ms Shilpy Sharma	Solar-Integrated Engine Cooling System	1 Year	1.25	1.25	Patent
Dr Amit Dixit	Lossy mode resonance surface plasmon resonance sensor for malaria detection	1 Year	1.45	1.45	Research Paper Published
			Amount received (Rs.): 6.92		

(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
Dr Vivek Kumar	Power Generation Using Advanced Electromagnetic Suspension	1 Year	2.00	2.00	Patent
Mr Aditya Sharma	An Environment And A Method For Managing Lifecycle Of A Vehicle	1 Year	1.83	1.83	Patent
Mr. Ankur Rana	A System And A Method For Identifying Genuine Products	1 Year	1.30	1.30	Patent
Mr. Vishal Vig	Fraud Detection In Mobile Money Transactions Using Machine Learning	1 Year	1.73	1.73	Research Paper Published
			Amount received (Rs.): 6.86		

Total amount (Lacs) received for the past 3 years : 33.84

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	Python Programming Lab (E-303)	30	CORE i5, IInd Gen, 16 GB RAM, 128 GB SSD, 19.5" TFT	42	Mr. Utkarsh C	Lab Tech	Diploma
2	Data Analytics and Visualization Lab (E-305)	30	CORE i7 4THGEN, 16 GB RAM, 256 GB SSD, 19.5" TFT	38	Mr. Ashok	Lab Tech	Diploma
3	Competitive Programming lab (E-306)	30	CORE i5, IInd Gen, 16 GB RAM, 128 GB SSD, 19.5" TFT	42	Mr Basant	Lab Instructor	B.Tech
4	Artificial Intelligence & Machine Learning Lab (E-	30	CORE i7 6th, 8 GB, 256 GB SDD, 22" TFT	42	Mr Vishal Kur	Lab Tech	Diploma
5	Java Programming Lab (E-308)	30	CORE i7 6th, 8 GB, 256 GB SDD, 22" TFT	38	Mr Vishal Kur	Lab Tech	Diploma
6	Web Programming Lab (E-309)	30	CORE i7 6th, 8 GB, 256 GB SDD, 22" TFT	42	Mr Vishal Kur	Lab Tech	Diploma
7	Advanced Data Structure and Algorithms Lab (E-	60	CORE i5 4th, 16 GB, 256 GB SDD, 20" TFT	38	Mr. Arun Kum	Lab Tech	Diploma
8	C Programing Lab-1 (B-302 A)	30	Dual Core 4GB RAM 128 GB SSD, 19.5" TFT	42	Mr. Kuldeep \	Lab Tech	B Tech
9	R Programming Lab (B-302 B)	30	Dual Core 4GB RAM 128 GB SSD, 19.5" TFT	36	Mr. Kuldeep \	Lab Tech	B Tech
10	Computer Networks Lab (B-303)	30	CORE i5 II-GEN, 4 GB RAM, 128 SDD, 320 GB HDD- 19.5" TFT	36	Mr. Kuldeep \	Lab Tech	B Tech
11	Object Oriented Programming Lab -1 (B-	30	CORE i7 4THGEN, 16 GB RAM, 256 GB SSD, 19.5" TFT	38	Mr. Arjun Yad	Lab Tech	Diploma
12	Software Engineering & Testing Lab (B-304 (B))	30	CORE i5 4th, 16 GB, 256 GB SDD, 20" TFT	38	Mr Arjun Kum	Lab Tech	Diploma
13	Design & Analysis of Algorithm Lab (E-201)	30	CORE i5, 16 GB RAM, 256 SSD, 19.5" TFT	36	Mr Lalit Moha	Lab Tech	Diploma
14	Cyber Security Lab (E-202)	30	CORE i5, 16 GB RAM, 256 SSD, 19.5" TFT	38	Mr. Nitin Kum	Lab Astt	MA
15	Data Base Management System (E-203)	30	CORE i5, 16 GB RAM, 256 SSD, 19.5" TFT	36	Mr Vishal Ma	Lab Tech	Diploma
16	System Administration Lab C-305 (A)	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	32	Mr Gaurav Ki	Lab Tech	Diploma
17	Linux Lab C-305 (B)	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	38	Mr Parikshit	Lab Instructor	B Tech
18	Operating System Lab C-306	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	36	Mr Vikalp Tya	Lab Tech	MSc
19	C Programming Lab-2 A 302	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	42	Ms Hemlata	Lab Instructor	MCA
20	Technical Training Lab A 303	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	42	Mr Vishu	Lab Instructor	BCA
21	C Programming Lab-3 A 304	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	42	Mr Sachin	Lab Instructor	MCA
22	MS XL Lab F 303 A	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	38	Mr Rudra Pra	Lab Instructor	MCA
23	General Programing Lab-1 F 303 B	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	38	Ms Riyanshu	Lab Instructor	MCA

24	General Programing Lab-2 F 303C	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	38	Mr Vishnu Vis	Lab Instructor	MCA
25	General Programing Lab-3 F 403 (A)	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	36	Ms Anshu Ch	Lab Tech	Diploma
26	General Programing Lab-4 F 403 (B)	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	36	Ms Akansha	Lab Tech	Diploma
27	General Programing Lab-4 F 404 (A)	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	32	Mr Amit	Lab Tech	Diploma
28	General Programing Lab-5 F 404 (B)	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	32	Mr Jaspreet	Lab Tech	Diploma
29	Object Oriented Programming Lab -2 F	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	32	Mr Rajkumar	Lab Tech	Diploma
30	Object Oriented Programming Lab -3 F	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	34	Ms Vidhi	Lab Tech	Diploma
31	General Programing Lab-8 E-105 A	30	CORE i5 6th, 8 GB, 256 GB SDD, 20" TFT	34	Ms Pooja	Lab Tech	Diploma

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	Design & Analysis of Algorithm Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
2	Data Base Management System Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
3	Soft Computing Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
4	System Software Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
5	Operating System Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
6	Computer Networks Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
7	Object Oriented Programming Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.

8	Project Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
9	Data Structure Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
10	Open Source Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
11	Web Programming Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
12	Computer Programming Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.
13	Python Programming Lab	• Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students. • General Rules of Conduct in Laboratories are displayed. • Softwares are updated regularly. • Periodical servicing of the lab equipments. • Maintain a clean and organized laboratory. • Avoiding the use of cell phones. • CCTV installed. • First aid Kit. • Fire Extinguisher. • Proper earthing.

D3. Project Laboratory/Research Laboratory

Apart from the dedicated laboratories established for various courses, the institution also houses five specialized laboratories/centres—Genesis Incubation Center, Prof. A.K. Khare Inter-disciplinary Center of Excellence for AI (ICE-AI), Research Lab, Center for Drone Technology & Innovations, and IoT Lab. These facilities support students and faculty in project development, research, innovation, interdisciplinary learning, skill development, and entrepreneurship, thereby contributing to their overall academic and professional growth.

List of project laboratory/research laboratory /Centre of Excellence.

S. No.	Name of the Laboratory
1	Research Lab (Prof. A.K. Khare Inter-disciplinary Center of Excellence for AI (ICE-AI)) (A 105 B)
2	Genesis Incubation Center (F 401)
3	Center for Drone Technology & Innovations (C 005 B)
4	Project Lab (E 105 B)
5	IOT Lab (C 005 A)

The Prof. A.K. Khare Inter-disciplinary Center of Excellence for AI (ICE-AI) is a multidisciplinary facility dedicated to Artificial Intelligence, Machine Learning and intelligent applications. The centre supports student projects, faculty research, experimentation and interdisciplinary problem-solving using AI technologies. It provides an environment for developing AI/ML models, data-driven applications, computer vision, natural language processing and other emerging AI solutions.

The Genesis Incubation Center provides an innovation and entrepreneurship ecosystem for students and faculty to convert innovative ideas into prototypes, products and startups. It supports ideation, mentoring, project development, business-model development, industry interaction and entrepreneurial activities. Students are encouraged to work on real-world problems and develop technology-based solutions with startup potential.

The Research Lab provides dedicated facilities for research, experimentation, prototype development and project-based learning in Computer Science and emerging technologies. It facilitates undergraduate and postgraduate research, faculty research, interdisciplinary projects, paper/patent development and experimentation with advanced software and computing tools.

The Center for Drone Technology & Innovations provides an experiential learning and research environment for drone technology, autonomous systems, computer vision, IoT and AI-enabled applications. Students undertake projects involving drone design, programming, navigation, image/video processing, surveillance, mapping and other real-world applications. The centre promotes interdisciplinary innovation and development of technology prototypes.

The IoT Lab supports hands-on learning and project development in Internet of Things, embedded systems, sensors, wireless communication and smart applications. Students design and implement IoT solutions involving sensor data acquisition, device communication, cloud connectivity, automation and real-time monitoring. The lab supports interdisciplinary projects in areas such as smart campus, agriculture, healthcare, environment and industrial automation.

PART E: First Year faculty and financial Resources

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

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members $((NS1*0.8) + (NS2*0.2)) / (\text{No. of required faculty (RF4)})$; Percentage= $((NS1*0.8) + (NS2*0.2)) / RF$
2023-24(CAYm2)	695	35	15	22	47
2024-25(CAYm1)	800	40	22	22	55
2025-26(CAY)	700	35	22	17	60

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

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

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
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Infrastructure Built-Up	132500000	132077234	112500000	112830641	76000000	75715683	133500000	133477522
Library	23000000	22455146	38000000	37495179	165000000	167159024	27000000	26666953
Laboratory equipment	4400000	4314758	10500000	10355722	10000000	9870606	13000000	12914985
Teaching and non-teaching staff	227500000	227029237	200000000	192863589	162000000	161647250	140000000	139837249
Outreach Programs	1600000	1600000	145000	140900	125000	123727	0	0
R&D	8500000	8495802	55000000	55707103	79000000	78412646	12000000	11501771
Training, Placement and	43000000	42830661	22000000	21687530	32000000	31513009	18500000	18425026
SDGs	1700000	1680000	1580000	1565000	1430000	1410000	1350000	1325000
Entrepreneurship	6000000	5900000	6000000	5900000	2200000	2150000	510000	500000
Others, specify	210000000	209403857	218000000	216995544	210000000	199959374	195000000	194477616
Total	658200000	655786695	663725000	655541208	737755000	727961319	540860000	539126122

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

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

Items	Budgeted in 2025-26	Actual Expenses in 2025-26 till	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till
Laboratory equipment	2250000	2243674	5400000	5384975	5200000	5132715	6800000	6715792
Software	560000	560919	1350000	1346244	1300000	1283179	1600000	1678948
SDGs	1200000	1092000	1000000	1017250	920000	916500	860000	861250
Support for faculty	1650000	1622023	2800000	2729483	3530000	3524901	750000	758962
R & D	6000000	5947061	40000000	38994972	55000000	54888852	8000000	8051240
Industrial Training, Industry	35000000	34264529	17200000	17350024	25000000	25210407	14800000	14740021
Miscellaneous Expenses*	400000000	406558555	290000000	289758886.6	175000000	173986253	145000000	144482392
Total	446660000	452288761	357750000	356581834.6	265950000	264942807	177810000	177288605