

NATIONAL BOARD OF ACCREDITATION

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

Program Name : Computer & Communication Engineering	Discipline: Engineering & Technology
Level : Under Graduate	Tier: 1
Application No: 11140	Date of Submission: 22-11-2025

PART A- Profile of the Institute

A1.Name of the Institute: NMAM Institute of Technology, Nitte Deemed to be University	
Year of Establishment : 1986	Location of the Institute: Udupi Dist
A2. Institute Address: Principal, NMAM Institute of Technology, Nitte Deemed to be University, Karkala Taluk, Udupi Dist, Nitte-574 110 Karnataka	
City:KARKALA	State:Karnataka
Pin Code:574110	Website:www.nitte.edu.in
Email:PRINCIPAL_NMAMIT@NITTE.EDU.IN	Phone No(with STD Code):08258-281263
A3. Name and Address of the Affiliating University (if any):	
Name of the University : NIL	City: Dakshina Kannada
State : Karnataka	Pin Code: 575018
A4. Type of the Institution: Deemed University	
A5. Ownership Status: Self financing	

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

- No. of UG programs: **14**
- No. of PG programs: **9**

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	1993	--	Computer Application
2	Engineering & Technology	UG	Artificial Intelligence and Data Science	2022	--	Artificial Intelligence and Data Science
3	Engineering & Technology	UG	Artificial Intelligence and Machine Learning	2020	--	Artificial Intelligence and Machine Learning
4	Engineering & Technology	UG	Biotechnology	2002	--	Biotechnology
5	Engineering & Technology	UG	Civil Engineering	1987	--	Civil Engineering
6	Engineering & Technology	UG	Computer & Communication Engineering	2020	--	Computer and Communication Engineering
7	Engineering & Technology	PG	Computer Science and Engineering	2001	--	Computer Science and Engineering
8	Engineering & Technology	UG	Computer Science and Engineering	1986	--	Computer Science and Engineering
9	Engineering & Technology	UG	Computer Science and Engineering (Cyber Security)	2023	--	Computer Science and Engineering (Cyber Security)
10	Engineering & Technology	PG	Construction Technology	2010	--	Civil Engineering
11	Engineering & Technology	PG	Cyber Security	2022	--	Computer Science and Engineering
12	Engineering & Technology	PG	Electric Vehicle Technology	2022	--	Electrical and Electronics Engineering
13	Engineering & Technology	UG	Electrical and Electronics Engineering	1987	--	Electrical and Electronics Engineering
14	Engineering & Technology	UG	Electronics & Communication Engineering	1986	--	Electronics and Communication Engineering

15	Engineering & Technology	UG	Electronics and Communication (Advanced Communication Technology)	2023	--	Electronics and Communication (Advanced Communication Technology)
16	Engineering & Technology	UG	Electronics Engineering (VLSI Design and Technology)	2023	--	Electronics Engineering (VLSI Design and Technology)
17	Engineering & Technology	UG	Information Science & Engineering	1999	--	Information Science and Engineering
18	Engineering & Technology	UG	Mechanical Engineering	1986	--	Mechanical Engineering
19	Engineering & Technology	PG	Mechatronics	2025	--	Mechanical Engineering
20	Engineering & Technology	UG	Robotics and Artificial Intelligence	2021	--	Robotics and Artificial Intelligence
21	Engineering & Technology	PG	Structural Engineering	2016	--	Civil Engineering
22	Engineering & Technology	PG	VLSI Design and Embedded System	2011	--	Electronics and Communication Engineering
23	Management	PG	Master of Business Administration	1998	--	Management

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

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

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Computer and Communication Engineering	Yes	Computer & Communication 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	Computer Science and Engineering	UG
Computer Science and Engineering	Computer Science and Engineering	PG
Computer Science and Engineering	Cyber Security	PG
Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG
Information Science and Engineering	Information Science & Engineering	UG
Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG
Artificial Intelligence and Machine Learning	Artificial Intelligence and Machine Learning	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/COM AUTHORIT ARROVAL
1	Computer & Communication Engineering	UG	2020 / --	60	No	NA	60	2020	AICTE

List of the Allied Departments/Cluster and Programs:

SR.NO.	ALLIED DEPARTMENT NAME	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
1	Computer Science and Engineering	Computer Science and Engineering	PG	2001 / --	25	No	NA	25	2001
2	Computer Science and Engineering	Cyber Security	PG	2022 / --	18	No	NA	18	2022
3	Information Science and Engineering	Information Science & Engineering	UG	1999 / --	40	Yes	2024	240	2024

Sanctioned Intake for Last Five Years for the Information Science & Engineering

Academic Year	Sanctioned Intake
2025-26	240
2024-25	240
2023-24	180
2022-23	180
2021-22	180
2020-21	180

4	Artificial Intelligence and Data Science	Artificial Intelligence and Data Science	UG	2022 / --	60	No	NA	60	2022
5	Artificial Intelligence and Machine Learning	Artificial Intelligence and Machine Learning	UG	2020 / --	60	Yes	2025	120	2025

Sanctioned Intake for Last Five Years for the Artificial Intelligence and Machine Learning

Academic Year	Sanctioned Intake
2025-26	120
2024-25	60
2023-24	60
2022-23	60
2021-22	60
2020-21	60

6	Computer Science and Engineering (Cyber Security)	Computer Science and Engineering (Cyber Security)	UG	2023 / --	60	No	NA	60	2023
7	Computer Science and Engineering	Computer Science and Engineering	UG	1986 / --	40	Yes	2025	360	2025

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

Academic Year	Sanctioned Intake
2025-26	360
2024-25	300
2023-24	240
2022-23	180
2021-22	180
2020-21	180

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

A. Name of the HoD :	DR.RADHAKRISHNA
B. Nature of appointment:	Regular
C. Qualification:	Ph.D

B3. Program Details

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

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2025-26 (CAY)	2024-25 (CAYm1)	2023-24 (CAYm2)	2022-23 (CAYm3)	2021-22 (CAYm4)	2020-21 (CAYm5)	2019-20 (CAYm6)
N=Sanctioned intake of the program (as per AICTE /Competent authority)	60	60	60	60	60	60	0
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	57	60	60	60	61	43	0
N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats	0	6	6	0	6	0	0
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	11	12	12	9	8	3	0
Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.	68	78	78	69	75	46	0

CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4. Enrolment Ratio in the First Year

Table No. B4.1: Student enrolment ratio in the 1st year.

Year of entry	N (From Table 4.1)	N1 (From Table 4.1)	N4 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2025-26 (CAY)	60	57	11	113.33
2024-25 (CAYm1)	60	60	12	120.00
2023-24 (CAYm2)	60	60	12	120.00

Average [(ER1 + ER2 + ER3) / 3] = 117.78≅ 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).	75.00	60.00	0.00
B=No. of students who graduated from the program in the stipulated course duration	73.00	44.00	0.00
Success Rate (SR)= (B/A) * 100	97.33	73.33	0.00

Average SR of three batches ((SR_1+ SR_2+ SR_3)/3): 85.33

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)	7.60	7.60	7.93
Y=Total no. of successful students	66.00	64.00	68.00
Z=Total no. of students appeared in the examination	72.00	72.00	68.00

API [X*(Y/Z)]	6.97	6.76	7.93
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Average API[(AP1+AP2+AP3)/3] : 7.22

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)	7.57	7.98	7.00
Y=Total no. of successful students	78.00	69.00	75.00
Z=Total no. of students appeared in the examination	78.00	69.00	72.00
API [X * (Y/Z)]	7.57	7.98	7.29

Average API [(AP1 + AP2 + AP3)/3] : 7.61

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)	8.48	8.05	7.69
Y=Total no. of successful students	69.00	75.00	46.00
Z=Total no. of students appeared in the examination	69.00	75.00	46.00
API [X*(Y/Z)]:	8.48	8.05	7.69

Average API [(AP1 + AP2 + AP3)/3] : 8.07

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	75.00	60.00	0.00
X=No. of students placed	51.00	36.00	0.00
Y=No. of students admitted to higher studies	4.00	3.00	0.00
Z= No. of students taking up entrepreneurship	0.00	0.00	0.00
Placement Index(P) = (((X + Y + Z)/FS) * 100):	73.33	65.00	0.00

Average Placement Index = (P_1 + P_2 + P_3)/3: 69.16 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 Associatio (Regular/ Contract/ Ad hoc)
1	DR.RADHAKRISHNA	XXXXXXXX01B	Ph.D	VTU	Cryptography and Cyber security	28/02/2004	21.8	Lecturer	Professor	01/04/2024	Regular
2	DR. ASHISH SINGH	XXXXXXXX14G	Ph.D	University of Allahabad	Communication Technology	01/04/2017	8.7	Assistant Professor	Associate Professor	02/09/2022	Regular
3	SHRINIVASA	XXXXXXXX42A	M.Tech	VTU	Cloud Computing	17/08/2023	2.2	Assistant Professor	Assistant Professor		Regular
4	MANJUNATHA A S	XXXXXXXX13J	M.Tech	VTU	Wireless Sensor Networks & Machine Learning	16/08/2021	4.2	Assistant Professor	Assistant Professor		Regular

5	DR. MAMATHA K M	XXXXXXX29D	Ph.D	VTU	Wireless Sensor Networks	01/08/2023	2.3	Assistant Professor	Assistant Professor		Regular
6	SANDEEP KUMAR S	XXXXXXX70M	M.Tech	VTU	Image Processing. Machine Learning	01/09/2022	3.2	Assistant Professor	Assistant Professor		Regular
7	KRISHNA PRASAD D S	XXXXXXX59H	M.Tech	VTU	Cyber Security	25/07/2022	3.3	Assistant Professor	Assistant Professor		Regular
8	CHIDANANDA T	XXXXXXX33C	M.Tech	VTU	Blockchain	05/10/2021	4.1	Assistant Professor	Assistant Professor		Regular
9	JYOTHI V PRASAD	XXXXXXX55C	M.Tech	VTU	Deep Learning, Machine Learning	05/08/2024	1.2	Assistant Professor	Assistant Professor		Regular
10	Dr. Udaya Kumar Shenoy	XXXXXXX70K	Ph.D	NITK, Surathkal	Computer Network	18/06/2009	14.6	Assistant Professor	Professor	01/03/2013	Regular
11	Dr. Chithra K	XXXXXXX95H	Ph.D	Anna University	Computer Science and Engineering	01/08/2023	0.8	Assistant Professor	Assistant Professor		Regular

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
1	DR.ROSHAN FERNANDES	XXXXXXX95C	NA	Ph.D	VTU	Mobile Web Services	28/02/2004	21.8	Assistant Professor	Professor
2	DR. MANJUNATH KAMATH K	XXXXXXX17P	NA	Ph.D	VTU	Information Security	08/08/2024	1.2	Assistant Professor	Assistant Professor
3	VARSHITHA B A	XXXXXXX78R	NA	M.Tech	Manipal academy of higher education	Cybersecurity	18/08/2025	0.2	Assistant Professor	Assistant Professor
4	ASHMI K KOTIAN	XXXXXXX44A	NA	M.Tech	Nitte (Deemed to be University)	Cybersecurity	16/08/2025	0.2	Assistant Professor	Assistant Professor
5	SHYAM KUMAR S	XXXXXXX79J	NA	M.Tech	Nitte University	Cybersecurity	01/07/2024	1.4	Assistant Professor	Assistant Professor
6	VANDANA U	XXXXXXX82C	NA	M.Tech	VTU	Machine Learning	23/07/2025	0.3	Assistant Professor	Assistant Professor
7	AISHWARYA D SHETTY	XXXXXXX30P	NA	M.Tech	VTU	Machine Learning	16/08/2021	4.2	Assistant Professor	Assistant Professor
8	JOYLIN PRIYA PINTO	XXXXXXX72K	NA	M.Tech	VTU	Machine Learning, Artificial Intelligence	05/07/2019	6.4	Assistant Professor	Assistant Professor
9	PRAJWAL HEGDE	XXXXXXX88A	NA	M.Tech	VTU	Data Security	15/07/2014	11.3	Assistant Professor	Assistant Professor
10	DR.NAVANEETH BHASKAR	XXXXXXX09E	NA	Ph.D	Vellore Institute of Technology, Vellore	Biomedical Signal Processing and Machine Learning	23/01/2025	0.9	Assistant Professor	Assistant Professor
11	DR.PRAVEEN M NAIK	XXXXXXX43K	NA	Ph.D	NITK	Deep Learning	16/07/2024	1.3	Assistant Professor	Assistant Professor
12	DR. VENUGOPALA P S	XXXXXXX20L	NA	Ph.D	VTU	Image and Video processing, Data Analytics	30/09/2002	23.1	Assistant Professor	Professor
13	ANKITHA SHETTY	XXXXXXX11D	NA	M.Tech	VTU	Networking	17/02/2023	2.8	Assistant Professor	Assistant Professor
14	DR.ANKITHA K	XXXXXXX87G	NA	Ph.D	Mangalore University	Data Science	15/07/2023	2.3	Assistant Professor	Assistant Professor
15	SHILPA M KAREGOUDAR	XXXXXXX15A	NA	M.Tech	VTU	Image Processing, Machine Learning	01/08/2015	10.3	Assistant Professor	Assistant Professor

16	SAVITHA	XXXXXXXX80P	NA	M.Tech	VTU	Artificial Intelligence, Natural Language Processing	19/09/2011	14.2	Assistant Professor	Assistant Professor
17	SUHAIL AHAMED NISAR SHAHA	XXXXXXXX79M	NA	M.Tech	VTU	Computer Network Engineering	10/07/2025	0.3	Assistant Professor	Assistant Professor
18	SIMRAN BANU	XXXXXXXX34J	NA	M.Tech	Manipal Academy of Higher Education(MAHE)	Computer Network	01/08/2025	0.3	Assistant Professor	Assistant Professor
19	SOUMYA ASHWATH	XXXXXXXX00F	NA	M.Tech	VTU	Image Processing & Machine learning	23/07/2022	3.3	Assistant Professor	Assistant Professor
20	SHREYA JAYA SHETTY	XXXXXXXX70A	NA	M.Tech	VTU	Cybersecurity	01/08/2025	0.3	Assistant Professor	Assistant Professor
21	DR.SHARADA UDAYA SHENOY	XXXXXXXX39M	NA	Ph.D	VTU	Multimedia communication in AdHoc networks	01/02/1999	26.9	Assistant Professor	Professor
22	SAMPATH KINI K	XXXXXXXX94J	NA	M.Tech	VTU	Computer Networks	22/06/2009	16.5	Assistant Professor	Assistant Professor
23	DR.NIRANJAN N CHIPLUNKAR	XXXXXXXX25D	NA	Ph.D	VTU	Java, Big Data Analytics	19/12/1996	28.11	Professor	Professor
24	DR.SANDEEP KUMAR HEGDE	XXXXXXXX12P	NA	Ph.D	University of Mysore	CAD for VLSI, Multicore architecture and program	16/07/2016	9.4	Assistant Professor	Associate Professor
25	DR. VENKATRAMANA BHAT P	XXXXXXXX07E	NA	Ph.D	Manipal University	Wireless Sensor Network	30/12/2021	3.10	Professor	Professor
26	DR.PALLAVI K N	XXXXXXXX42R	NA	Ph.D	VTU	Data security	04/08/2008	17.3	Assistant Professor	Associate Professor
27	DR.ANISHA P RODRIGUES	XXXXXXXX44R	NA	Ph.D	VTU	Natural Language Processing	01/06/2012	13.5	Assistant Professor	Associate Professor
28	DR.VIJAYA MURARI T	XXXXXXXX59N	NA	Ph.D	VTU	Image and Video processing, Cryptography, Cyber security	08/01/2007	18.10	Assistant Professor	Associate Professor
29	DR. DESAI KARANAM SREEKANTHA	XXXXXXXX18L	NA	Ph.D	Symbios International,University, Pune	IoT, Design Thinking,Soft Computing	10/11/2014	11	Associate Professor	Professor
30	DR.PUNEETH RP	XXXXXXXX15A	NA	Ph.D	REVA University	Blockchain Technology, Cryptography,	27/07/2015	10.3	Assistant Professor	Assistant Professor
31	GURU PRASAD	XXXXXXXX04M	NA	M.Tech	VTU	Computer Network Engineering, Blockchain Technology	01/02/2023	2.9	Assistant Professor	Assistant Professor
32	ANKITHA A NAYAK	XXXXXXXX83J	NA	M.Tech	VTU	Medical Image processing, Generative AI,Image and video processing, Mobile Application. AI and CNN	15/07/2016	9.3	Assistant Professor	Assistant Professor
33	DR.MINU P ABRAHAM	XXXXXXXX32D	NA	Ph.D	VTU	Wireless Sensor Networks & Machine Learning	15/06/2013	12.4	Assistant Professor	Assistant Professor
34	DR.PRADEEP KANCHAN	XXXXXXXX82K	NA	Ph.D	NITK	Wireless Sensor Networks,Quantum Computing	01/08/2012	13.3	Assistant Professor	Assistant Professor
35	DR.KEERTHANA B CHIGATERI	XXXXXXXX93P	NA	Ph.D	VTU	Machine Learning	01/02/2013	12.9	Assistant Professor	Assistant Professor
36	MANASA G.R	XXXXXXXX86Q	NA	M.Tech	VTU	Machine Learning	24/07/2019	6.4	Assistant Professor	Assistant Professor
37	DISHA D N	XXXXXXXX23K	NA	M.Tech	VTU	Deep Learning, AI, Social Network Analysis	13/09/2021	4.2	Assistant Professor	Assistant Professor

38	DR.ASMITA POOJARI	XXXXXXX42A	NA	Ph.D	VTU	Cryptography and network security	28/06/2010	15.4	Assistant Professor	Assistant Professor
39	DR.JYOTHI SHETTY	XXXXXXX33K	NA	Ph.D	VTU	Machine Learning	22/06/2016	9.4	Assistant Professor	Professor
40	VAISHALI	XXXXXXX00G	NA	M.Tech	VTU	Machine learning	29/07/2022	3.3	Assistant Professor	Assistant Professor
41	DR.SUDESH RAO	XXXXXXX77P	NA	Ph.D	Srinivas University	Deep Learning, AI, Data Mining	02/08/2021	4.3	Assistant Professor	Assistant Professor
42	DR. RASHMI ADYAPADY R	XXXXXXX00J	NA	Ph.D	NITK, Surathkal	Computer Vision, Deep Learning, Image Processing	01/04/2024	1.7	Assistant Professor	Assistant Professor
43	JAYAPADMINI KANCHAN	XXXXXXX82P	NA	M.Tech	VTU	Computer Networks, Data Science	01/08/2023	2.3	Assistant Professor	Assistant Professor
44	RAKSHITHA	XXXXXXX79M	NA	M.Tech	VTU	Natural Language Processing, Deep Learning	06/07/2022	3.4	Assistant Professor	Assistant Professor
45	MAHESH B L	XXXXXXX72B	NA	M.Tech	Manipal University, Manipal	Machine Learning, Deep Learning, AI,	25/07/2022	3.3	Assistant Professor	Assistant Professor
46	SNEHA SHETTY R	XXXXXXX15M	NA	M.Tech	VTU	Machine Learning, Deep Learning, Data Science	01/08/2023	2.3	Assistant Professor	Assistant Professor
47	SWATHI PAI M	XXXXXXX65K	NA	M.Tech	VTU	Machine Learning, Deep Learning, AI,	03/07/2023	2.4	Assistant Professor	Assistant Professor
48	SMITHA	XXXXXXX98B	NA	M.Tech	VTU	Speech Signal Processing, Machine Learning, Deep Learning,	18/09/2023	2.1	Assistant Professor	Assistant Professor
49	DEEKSHA SHETTY V	XXXXXXX41C	NA	M.Tech	Nitte University	Computer Science and Engineering	01/07/2025	0.4	Assistant Professor	Assistant Professor
50	DR. SARIKA HEGDE	XXXXXXX36B	NA	Ph.D	Mangalore University	Speech Recognition & Machine Learning	01/09/2003	22.2	Assistant Professor	Professor
51	PATEEL G P	XXXXXXX80B	NA	Ph.D	VTU	DIGITAL COMMUNICATION AND NETWORKING	07/07/2025	0.4	Assistant Professor	Assistant Professor
52	RAJASHREE	XXXXXXX74P	NA	M.Tech	VTU	Machine Learning, Artificial Intelligence	15/07/2016	9.3	Assistant Professor	Assistant Professor
53	H C ANUPAMA	XXXXXXX19M	NA	M.Tech	VTU	Parallel Computing	01/06/2024	1.5	Assistant Professor	Assistant Professor
54	DR.GOVINDARAJ P	XXXXXXX66Q	NA	Ph.D	Vellore Institute of Technology	Machine Learning	14/07/2025	0.3	Associate Professor	Associate Professor
55	DR.RAJU K	XXXXXXX23F	NA	Ph.D	VTU	Parallel Computing	01/08/2007	18.3	Assistant Professor	Associate Professor
56	DR. DHASNY LYDIA PON.MARUTHIAH	XXXXXXX15E	NA	Ph.D	SRM Institute of Science and Technology	Image processing, Deep learning	18/07/2025	0.3	Assistant Professor	Assistant Professor
57	AKHIL RAJ V GADAGKAR	XXXXXXX51H	NA	M.Tech	VTU	Wireless Sensor Networks	01/07/2023	2.4	Assistant Professor	Assistant Professor
58	DR.SUDEEPA K.B	XXXXXXX22E	NA	Ph.D	VTU	Cryptography and Network Security	01/07/2014	11.4	Associate Professor	Associate Professor
59	DR.RAGHUNANDAN K R	XXXXXXX92H	NA	Ph.D	VTU	Cryptography and Cyber security	01/07/2013	12.4	Assistant Professor	Associate Professor
60	SUNIL KUMAR AITHAL	XXXXXXX86P	NA	M.Tech	VTU	Image Processing Computer Vision	16/07/2012	13.3	Assistant Professor	Assistant Professor
61	SOWMYA P	XXXXXXX55N	NA	M.Tech	VTU	Artificial Intelligence and Machine Learning	20/07/2022	3.3	Assistant Professor	Assistant Professor
62	DR.RAJALAXMI HEGDE	XXXXXXX36J	NA	Ph.D	VTU	Machine learning	23/11/2015	9.11	Assistant Professor	Associate Professor

63	PAWAN HEGDE	XXXXXXXX56R	NA	M.Tech	Jain University	Blockchain Technology, Federated Learning	22/01/2013	12.10	Assistant Professor	Assistant Professor
64	DR. SHASHANK	XXXXXXXX45R	NA	Ph.D	NITK	Health Informatics, Machine Learning, Deep Learning, Internet of Things	03/07/2014	11.4	Assistant Professor	Associate Professor
65	DR.SANNIDHAN MS	XXXXXXXX16C	NA	Ph.D	VTU	Deep Learning	04/06/2012	13.5	Assistant Professor	Associate Professor
66	B VIJETHA	XXXXXXXX74H	NA	Ph.D	Nitte (Deemed to be University)	Computer science and engineering	14/07/2025	0.3	Assistant Professor	Assistant Professor
67	DR.ASHWIN SHENOY M	XXXXXXXX32E	NA	Ph.D	REVA University	Computer Vision	29/07/2022	3.3	Assistant Professor	Assistant Professor
68	PRITHVIRAJ	XXXXXXXX28H	NA	M.Tech	VTU	Machine Learning, Bigdata	01/08/2023	2.3	Assistant Professor	Assistant Professor
69	DR.SHABARI SHEDTHI B	XXXXXXXX95J	NA	Ph.D	VTU	Machine Learning	01/06/2013	12.5	Assistant Professor	Associate Professor
70	SOWMYA S	XXXXXXXX53L	NA	M.Tech	VTU	Deep Learning	05/08/2024	1.3	Assistant Professor	Assistant Professor
71	DR.RAVI B	XXXXXXXX39C	NA	Ph.D	Reva University, Bangalore	Wireless Sensor Networks	07/11/2003	22	Assistant Professor	Associate Professor
72	TANZILA NARGIS	XXXXXXXX24G	NA	M.Tech	VTU	Cyber Security, Block Chain, Machine Learning	06/08/2018	7.3	Assistant Professor	Assistant Professor
73	DR. VASUDEVA	XXXXXXXX54K	NA	Ph.D	NITK	Mathematical and Computational Science	23/02/2022	3.8	Professor	Professor
74	DR.NAGANNA CHETTY	XXXXXXXX05J	NA	Ph.D	NITK	Social Media Content Analysis	01/06/2023	2.5	Associate Professor	Associate Professor
75	DR. KARUNA PANDIT	XXXXXXXX72Q	NA	Ph.D	NITK	System Analysis and computer applications	01/09/1987	38.2	Assistant Professor	Professor
76	DR.RAMESH G	XXXXXXXX72K	NA	Ph.D	UVCE, Bangalore University	Image Processing, Machine Learning	10/02/2025	0.9	Assistant Professor	Assistant Professor
77	DR.MANJULA GURURAJ RAO	XXXXXXXX41P	NA	Ph.D	Jain University	Image Processing, AI, GAI, Data Analytics	02/08/2021	4.3	Associate Professor	Professor
78	VASUDEVA PAI	XXXXXXXX83B	NA	M.Tech	VTU	Cyber Security, Network Security, Computer Network	04/09/2007	18.2	Assistant Professor	Assistant Professor
79	DR.BOLA SUNIL KAMATH	XXXXXXXX83N	NA	Ph.D	VTU	Cloud Computing, Network Security, Computer Vision	24/07/2019	6.3	Assistant Professor	Assistant Professor
80	KRISHNARAJ RAO N S	XXXXXXXX94B	NA	M.Tech	VTU	IoT, Image Processing, Computer Network	26/07/2022	3.3	Assistant Professor	Assistant Professor
81	DR.JASON ELROY MARTIS	XXXXXXXX44C	NA	Ph.D	VTU	Generative AI, Cognitive AI, IoT, DL	01/07/2009	16.4	Assistant Professor	Associate Professor
82	DR.ASHWINI B	XXXXXXXX96M	NA	Ph.D	VTU	Image Processing, Computer Vision	26/08/2004	21.2	Assistant Professor	Associate Professor
83	DR. CHAITRA S N	XXXXXXXX27F	NA	Ph.D	VTU	Cryptography and Cyber security	18/08/2025	0.2	Assistant Professor	Assistant Professor
84	PRATHYAKSHINI	XXXXXXXX54K	NA	M.Tech	VTU	Natural Language Processing, Machine Learning	03/02/2017	8.9	Assistant Professor	Assistant Professor
85	DR. VAIKUNTA PAI	XXXXXXXX88Q	NA	Ph.D	Srinivas University	Pattern Recognition, High Performance computing	21/07/2023	2.3	Assistant Professor	Assistant Professor
86	PRATHEEKSHA HEGDE N	XXXXXXXX91L	NA	M.Tech	VTU	Computer Networks	01/01/2020	5.10	Assistant Professor	Assistant Professor

87	DR.DEVIDAS	XXXXXXX49L	NA	Ph.D	VTU	Data Science, Data Analytics	09/01/2007	18.10	Assistant Professor	Assistant Professor
88	DR.USHA DIVAKARLA	XXXXXXX61D	NA	Ph.D	NITK	Cloud Computing, Machine Learning, Artificial Intelligence, Software Engineering	11/01/2021	4.10	Associate Professor	Professor
89	ALAKA ANANTH	XXXXXXX62G	NA	M.Tech	NITK	Computer Networks, Cloud Computing, NLP	02/08/2018	7.3	Assistant Professor	Assistant Professor
90	DR.RASHMI NAVEEN	XXXXXXX03P	NA	Ph.D	VTU	Information Security, Cryptography, Steganography	01/02/2007	18.9	Assistant Professor	Assistant Professor
91	DR.DEEPA	XXXXXXX00K	NA	Ph.D	VTU	Image Processing, Computer Vision	12/08/2005	20.3	Assistant Professor	Assistant Professor
92	DR.SUMATHI	XXXXXXX83E	NA	Ph.D	VTU	Web Service, Data Mining, Cloud Computing	02/08/2021	4.3	Associate Professor	Professor
93	DR. BALASUBRAMANI	XXXXXXX34R	NA	Ph.D	Vinayaka Missions Research Foundation (Deemed-to-be-University) Salem, India)	Image Processing	03/06/2011	14.5	Assistant Professor	Professor
94	DR.SANTHOSH S	XXXXXXX68F	NA	Ph.D	Srinivas University	Medical Image Processing, Deep Learning	01/09/2021	4.2	Assistant Professor	Assistant Professor
95	SHARATH KUMAR	XXXXXXX57P	NA	M.Tech	VTU	Image Processing, Network security	01/08/2024	1.3	Assistant Professor	Assistant Professor
96	DR.PREETHI SALIAN K	XXXXXXX74K	NA	M.Tech	Srinivas University	Image Processing, AI, Computer Vision	02/09/2021	4.2	Assistant Professor	Associate Professor
97	PRASHANTH KUMAR	XXXXXXX55Q	NA	M.Tech	VTU	Computer Network, Cyber Security	12/08/2024	1.3	Assistant Professor	Assistant Professor
98	DR.CHINMAI SHETTY	XXXXXXX28K	NA	Ph.D	VTU	Cloud Computing, Network Security	17/07/2015	10.4	Assistant Professor	Assistant Professor
99	SRIKANTH BHAT K	XXXXXXX75P	NA	M.Tech	VTU	Cloud Computing, Network Security	15/06/2013	12.5	Assistant Professor	Assistant Professor
100	DR. VANDANA B S	XXXXXXX60H	NA	Ph.D	VTU	MEDICAL IMAGE PROCESSING	22/07/2024	1.4	Associate Professor	Associate Professor
101	Ashwitha Thomas	XXXXXXX27D	NA	M.Tech	VTU	Cyber Security, Software Engineering	01/02/2023	2.5	Assistant Professor	Assistant Professor
102	DEEPAK D	XXXXXXX22R	NA	M.Tech	VTU	Software Engineering	01/04/2023	0.10	Assistant Professor	Assistant Professor
103	Abhishek S Rao	XXXXXXX55L	NA	M.Tech	VTU	Machine Learning, Deep Learning, Computer Vision	01/07/2017	8	Assistant Professor	Assistant Professor
104	Anusha Anchan	XXXXXXX01A	NA	M.Tech	VTU	Machine Learning, Image Processing	24/07/2019	5.10	Assistant Professor	Assistant Professor
105	C Anirudhan Adukkathayar	XXXXXXX01Q	NA	M.Tech	VTU	Computer Science and Engineering	01/08/2023	0.8	Assistant Professor	Assistant Professor
106	Dr. Shwetha GK	XXXXXXX26K	NA	Ph.D	VTU	Image Processing, Machine Learning	14/02/2018	7.2	Assistant Professor	Assistant Professor
107	DR.MANJUNATHA	XXXXXXX14J	NA	Ph.D	NITK	Big Data Analytics, Machine Learning	02/08/2021	2.10	Assistant Professor	Assistant Professor
108	Dr. Aravinda CV	XXXXXXX05J	NA	Ph.D	VTU	Large Language Models	10/06/2017	7.10	Assistant Professor	Professor
109	Dr. Ganesh Pai	XXXXXXX81J	NA	Ph.D	VTU	Image Processing	01/01/2021	3.4	Assistant Professor	Assistant Professor
110	Prathiksha Pai	XXXXXXX83H	NA	M.Tech	VTU	Deep Learning	11/07/2023	1.6	Assistant Professor	Assistant Professor

111	DR. KARTHIK PAI B H	XXXXXXXX87B	NA	Ph.D	VTU	Computer Networks	03/10/2000	24.1	Assistant Professor	Professor
112	ANUSHA N	XXXXXXXX97N	NA	M.Tech	VTU	Bioinformatics, Data science, AI	15/06/2017	8.5	Assistant Professor	Assistant Professor
113	VANISHREE B S	XXXXXXXX99B	NA	M.Tech	VTU	Computer Science and Engineering	01/08/2023	0.3	Assistant Professor	Assistant Professor
114	BALAJI N	XXXXXXXX85B	NA	M.Tech	IIT	Deep Learning	25/07/2019	3.10	Assistant Professor	Assistant Professor
115	Deepa Kumari	XXXXXXXX90P	NA	M.Tech	VTU	Computer Science & Engg	01/01/2020	3.5	Assistant Professor	Assistant Professor
116	DR.MAHENDRA SHRIDHAR NAIK	XXXXXXXX63K	NA	Ph.D	VTU	Cryptography	11/09/2025	0.2	Assistant Professor	Assistant Professor
117	DR. LAXMI GULAPPAGOL	XXXXXXXX50P	NA	Ph.D	VTU	Secure Communication	03/10/2025	0.1	Associate Professor	Associate Professor
118	DR. ABHIR BHANDARY	XXXXXXXX45C	NA	Ph.D	VTU	Computer Science and Engineering	07/07/2012	10.7	Assistant Professor	Assistant Professor
119	SANDHYA SADANANDA	XXXXXXXX50N	NA	M.Tech	VTU	NLP, Machine Learning	15/07/2019	3.6	Assistant Professor	Assistant Professor
120	SAPNA S	XXXXXXXX07A	NA	M.Tech	MIT, Manipal	Image Processing, AI	01/08/2018	5	Assistant Professor	Assistant Professor
121	DR.K HEMANT KUMAR REDDY	XXXXXXXX55Q	NA	Ph.D	BERHAMPUR UNIVERSITY	Distributed Systems	01/10/2021	0.6	Assistant Professor	Assistant Professor
122	NIKITHA SAURABH	XXXXXXXX28E	NA	M.Tech	VTU	Deep Learning	01/03/2018	4.4	Assistant Professor	Assistant Professor
123	VANAJAKSHI J	XXXXXXXX82H	NA	M.Tech	MIT, Manipal	Computer Networks, Cyber Security	25/07/2019	2.11	Assistant Professor	Assistant Professor

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 Department2

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

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG1.B	66	66	60
UG1.C	66	60	66
UG1.D	60	66	60
UG1: Computer & Communication Engineering	192	192	186
UG2.B	330	264	198
UG2.C	264	198	198
UG2.D	198	198	198
UG2: Computer Science and Engineering	792	660	594
UG3.B	66	66	0
UG3.C	66	0	0
UG3.D	0	0	0
UG3: Computer Science and Engineering (Cyber Security)	132	66	0
UG4.B	66	66	63

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
UG4.C	66	63	66
UG4.D	63	66	61
UG4: Artificial Intelligence and Machine Learning	195	195	190
UG5.B	66	66	63
UG5.C	66	63	0
UG5.D	63	0	0
UG5: Artificial Intelligence and Data Science	195	129	63
UG6.B	264	198	196
UG6.C	198	196	198
UG6.D	196	198	193
UG6: Information Science & Engineering	658	592	587
DS=Total no. of students in all UG and PG programs in the Department	192	192	186
AS=Total no. of students of all UG and PG programs in allied departments	2058	1728	1520
S=Total no. of students in the Department (DS) and allied departments (AS)	S1= 2250	S2= 1920	S3= 1706
DF=Total no. of faculty members in the Department	9	9	8
AF= Total no. of faculty members in the allied Departments	101	90	84
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	F1= 110	F2= 99	F3= 92
FF=The faculty members in F who have a 100% teaching load in the first-year courses	7	8	7
Student Faculty Ratio (SFR)=S/(F-FF)	SFR1= 21.84	SFR2= 21.10	SFR3= 20.07
Average SFR for 3 years	SFR= 21.00		

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)	57	53	112.00	17.46
2024-25(CAYm1)	43	57	95.00	17.32
2023-24(CAYm2)	37	56	85.00	17.47

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	12.00	15.00	25.00	18.00	75.00	77.00
2024-25	10.00	13.00	21.00	19.00	64.00	67.00
2023-24	9.00	13.00	18.00	15.00	56.00	64.00
Average	RF1=10.33	AF1=13.67	RF2=21.33	AF2=17.33	RF2=65.00	AF2=69.33

C5. Visiting/Adjunct Faculty/Professor of Practice

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

(CAYm1)

(CAYm2)

(CAYm3)

S.No	Name of the Person	Designation	Organization	Name of the Course	No. of hours handled
1	Mr. Arun M Kudur	Professor of Practice	Athenahealth	Operating Systems	52.00

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	3	12	7
2	No. of peer reviewed conference papers published	24	10	11
3	No. of books/book chapters published	4	1	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
Jyothi V Prasad		Computer and Communication Engineering	BATTERY OPTIMIZATION WITH DYNAMIC LEADER NODE SELECTION	KSCST	1 Year	0.03
						Amount received (Rs.):0.03

(CAYm2)

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: 0.03**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)

(CAYm2)

(CAYm3)

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

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

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

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

(CAYm1)

(CAYm2)

(CAYm3)

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

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

D1. Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	CCL41	40	Lenovo ThinkCentre AMD Ryzen7	10 Hours	Ms. Anusha	Lab Assistant	Diploma in C
2	CCL42	40	Lenovo ThinkCentre 12th Gen Intel Core i7	16 Hours	Ms. Sachitha	Lab Assistant	Diploma in C
3	CCL43	40	Lenovo ThinkCentre 12th Gen Intel Core i7 & Various IoT Components	16 Hours	Mr. Naman	Lab Assistant	BSc
4	CCL44	30	HP Pro SFF400 G9 13th Gen Intel Core i5 & ADLD Components with	9 Hours	Ms. Sachitha	Lab Assistant	Diploma in C
5	CCL45	35	HP Pro SFF400 G9 13th Gen Intel Core i5	Utilized for Res	Mr. Chethan	Lab Assistant	Diploma in C
6	CCL46	39	Dell Precision 3460 small factor workstation 12th Gen Intel Core i7	14 Hours	Mr. Chethan	Lab Assistant	Diploma in C

D2. Safety Measures in Laboratories

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

Sr. No	Laboratory Name	Safety Measures
1	CCL41 - Basic Computing Lab (C, C++, UNIX)	Laboratory Rules and Safety Guidelines • Supervised Access: Students may work in the laboratory only under the supervision of a staff member or lab assistant. • Usage Register: A logbook is maintained to record the usage of laboratory facilities and equipment. • Permission for Equipment Handling: Students must obtain approval from the teacher in charge or the lab assistant before connecting or disconnecting any plugs, cables, or devices. • Authorized Access Only: Access to unauthorized software or websites is strictly prohibited. • System Security: All laboratory systems are equipped with Windows Defender or Security Essentials antivirus software, with built in firewalls enabled for protection. • Rules to be followed: The rules to be followed in the laboratories are displayed inside the laboratory. • Emergency Preparedness: A fire extinguisher is installed outside the laboratory for emergency use. • First Aid Availability: A first aid kit is kept near the laboratory to provide immediate medical assistance if required.
2	CCL42 – Data structures and Algorithms Lab / DBMS Lab	Laboratory Rules and Safety Guidelines • Supervised Access: Students may work in the laboratory only under the supervision of a staff member or lab assistant. • Usage Register: A logbook is maintained to record the usage of laboratory facilities and equipment. • Permission for Equipment Handling: Students must obtain approval from the teacher in charge or the lab assistant before connecting or disconnecting any plugs, cables, or devices. • Authorized Access Only: Access to unauthorized software or websites is strictly prohibited. • System Security: All laboratory systems are equipped with Windows Defender or Security Essentials antivirus software, with built in firewalls enabled for protection. • Rules to be followed: The rules to be followed in the laboratories are displayed inside the laboratory. • Emergency Preparedness: A fire extinguisher is installed outside the laboratory for emergency use. • First Aid Availability: A first aid kit is kept near the laboratory to provide immediate medical assistance if required.
3	CCL43 – Security Lab / IoT Lab /Android Lab / Project Lab	Laboratory Rules and Safety Guidelines • Supervised Access: Students may work in the laboratory only under the supervision of a staff member or lab assistant. • Usage Register: A logbook is maintained to record the usage of laboratory facilities and equipment. • Permission for Equipment Handling: Students must obtain approval from the teacher in charge or the lab assistant before connecting or disconnecting any plugs, cables, or devices. • Authorized Access Only: Access to unauthorized software or websites is strictly prohibited. • System Security: All laboratory systems are equipped with Windows Defender or Security Essentials antivirus software, with built in firewalls enabled for protection. • Rules to be followed: The rules to be followed in the laboratories are displayed inside the laboratory. • Emergency Preparedness: A fire extinguisher is installed outside the laboratory for emergency use. • First Aid Availability: A first aid kit is kept near the laboratory to provide immediate medical assistance if required.

4	CCL44 – Analog and Digital Logic Design Lab	Laboratory Rules and Safety Guidelines • Supervised Access: Students may work in the laboratory only under the supervision of a staff member or lab assistant. • Usage Register: A logbook is maintained to record the usage of laboratory facilities and equipment. • Permission for Equipment Handling: Students must obtain approval from the teacher in charge or the lab assistant before connecting or disconnecting any plugs, cables, or devices. • Authorized Access Only: Access to unauthorized software or websites is strictly prohibited. • System Security: All laboratory systems are equipped with Windows Defender or Security Essentials antivirus software, with built in firewalls enabled for protection. • Rules to be followed: The rules to be followed in the laboratories are displayed inside the laboratory. • Emergency Preparedness: A fire extinguisher is installed outside the laboratory for emergency use. • First Aid Availability: A first aid kit is kept near the laboratory to provide immediate medical assistance if required.
5	CCL45 – Research Lab	Laboratory Rules and Safety Guidelines • Supervised Access: Students may work in the laboratory only under the supervision of a staff member or lab assistant. • Usage Register: A logbook is maintained to record the usage of laboratory facilities and equipment. • Permission for Equipment Handling: Students must obtain approval from the teacher in charge or the lab assistant before connecting or disconnecting any plugs, cables, or devices. • Authorized Access Only: Access to unauthorized software or websites is strictly prohibited. • System Security: All laboratory systems are equipped with Windows Defender or Security Essentials antivirus software, with built in firewalls enabled for protection. • Rules to be followed: The rules to be followed in the laboratories are displayed inside the laboratory. • Emergency Preparedness: A fire extinguisher is installed outside the laboratory for emergency use. • First Aid Availability: A first aid kit is kept near the laboratory to provide immediate medical assistance if required.
6	CCL46 – Networks Lab / Project Lab	Laboratory Rules and Safety Guidelines • Supervised Access: Students may work in the laboratory only under the supervision of a staff member or lab assistant. • Usage Register: A logbook is maintained to record the usage of laboratory facilities and equipment. • Permission for Equipment Handling: Students must obtain approval from the teacher in charge or the lab assistant before connecting or disconnecting any plugs, cables, or devices. • Authorized Access Only: Access to unauthorized software or websites is strictly prohibited. • System Security: All laboratory systems are equipped with Windows Defender or Security Essentials antivirus software, with built in firewalls enabled for protection. • Rules to be followed: The rules to be followed in the laboratories are displayed inside the laboratory. • Emergency Preparedness: A fire extinguisher is installed outside the laboratory for emergency use. • First Aid Availability: A first aid kit is kept near the laboratory to provide immediate medical assistance if required.

D3. Project Laboratory/Research Laboratory

SI No	Lab Name	Total Number of Systems	System configuration
1.	Project Lab 1	39	<u>Model:</u> Lenovo ThinkCentre (38 systems) <u>Configuration:</u> 12th Gen Intel Core i7, 16GB RAM, 512.1 GB SSD NVME <u>Operating System:</u> Ubuntu, Windows 11 <u>Model:</u> HP Pro SFF400 G9 System (1 Systems) <u>Configuration:</u> 13th Gen Intel Core i5, 16 GB RAM, 512 GB SSD NECC <u>Operating System:</u> Ubuntu, Windows 11 <u>Software:</u> Database Management System (SQL), Code Blocks, Arduino IDE, Visual Studio Code, CIDER logic, Visual Studio Code, NSG2.1.jar (Free Version, Open Source) Android Studio (Licensed under Apache, License) R Studio (Licensed under GNU Affero general public license V3)
2.	Research Lab	35	<u>Model:</u> HP Pro SFF400 G9 System <u>Configuration:</u> 13th Gen Intel Core i5, 16 GB RAM, 512 GB SSD NECC <u>Operating System:</u> Ubuntu, Windows 11 <u>Software:</u> Database Management System (SQL), Code Blocks, Arduino IDE, Visual Studio Code, CIDER logic, Visual Studio Code, NSG2.1.jar (Free Version, Open Source) Android Studio (Licensed under Apache, License) R Studio (Licensed under GNU Affero general public license V3)
3.	Project Lab 2	38	<u>Model:</u> Dell Precision 3460 small factor workstation (36 systems) <u>Configuration:</u> 12th Gen Intel Core i7, 16 GB RAM, 512 GB SSD <u>Operating System:</u> Ubuntu, Windows 11 <u>Model:</u> Dell Inc. OptiPlex 3000 (2 Systems) <u>Configuration:</u> 12th Gen Intel Core i5, 16 GB RAM, 512 GB SSD <u>Operating System:</u> Ubuntu, Windows 11 <u>Software:</u> Exata 8 From Qualnet Database Management System (SQL), Code Blocks, Arduino IDE, Visual Studio Code, CIDER logic, Visual Studio Code, NSG2.1.jar (Free Version, Open Source) Android Studio (Licensed under Apache, License) R Studio (Licensed under GNU Affero general public license V3)

List of IOT Component in the project / Research labs

SI No	Component Name	Count
1	IR Senor	10
2	Pressure Sensor	04
3	LED 5mm	50

4	Ultrasonic sensor	05
5	Servo Motor	05
6	PIR sensor	05
7	Soil moisture sensor	05
8	ESP32 (using WiFi Station mode)	05
9	RFID Module	02
10	Relay	05
11	LCD display	05
12	OLED Display	05
13	Buzzer	10
14	Seven Segment Display	05
15	Flow meter	01
16	Temperature sensor	10
17	Proximity Sensors	05
18	CO2 Sensor	05
19	Bread Board	20
20	Gas sensors	02
21	Smoke sensors	02
22	Level sensors	03
23	Jumper wire for Bread Board (M-M) (F-F) and (M-F)	300
24	Motion detection sensors	02
25	Arduino Board	10
26	Humidity sensors	05
27	Blue tooth Module	05
28	Raspberry Pai	02
29	Resistor 220 ohm	20
30	Resistor 1k ohm	20
31	Resistor 10k ohm	20

PART E: First Year faculty and financial Resources

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

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

Year	Sanctioned intake of all UG programs (S4)	No. of required faculty (RF4= S4/20)	No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1)	No. of faculty members in Engineering Science Courses (NS2)	Percentage= No. of faculty members ((NS1*0.8) + (NS2*0.2))/(No. of required faculty (RF4)); Percentage= ((NS1*0.8) + (NS2*0.2))/RF
2023-24(CAYm2)	1440	72	39	138	78
2024-25(CAYm1)	1500	75	44	146	84
2025-26(CAY)	1620	81	47	150	82

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	0	0	0	0	0	0	0	0
Library	11600000	11107000	3000000	1927000	6500000	2788000	6500000	3787000
Laboratory equipment	0	5975000	0	13558000	0	26510000	0	14225000
Teaching and non-teaching staff	678169000	409557000	606461000	568230000	470951000	502029000	391483000	403338000
Outreach Programs	3000000	1981000	3000000	3387000	0	0	0	0
R&D	15700000	9697000	12400000	17032000	3745000	24177000	4545000	9540000
Training, Placement and	20600000	20020000	5900000	24071000	6300000	8306000	5250000	4508000
SDGs	0	0	0	0	0	0	0	0
Entrepreneurship	0	0	0	0	0	0	0	0
Others, specify	245097000	237855000	241922000	392139000	196846000	391992000	160578000	169174000
Total	974166000	696192000	872683000	1020344000	684342000	955802000	568356000	604572000

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	200000	128340	600000	3472564	4000000	2473228	250000	11375830
Software	2500000	2749999	0	0	0	0	0	0
SDGs	0	0	0	0	0	0	0	0
Support for faculty development	300000	45843	400000	82801	175000	0	0	0
R & D	150000	77996	200000	90558	500000	16250	0	0
Industrial Training, Industry expert,	0	0	0	0	0	0	0	0
Miscellaneous Expenses*	80500	96336	29000	138501	18000	11515	0	572112
Total	3230500	3098514	1229000	3784424	4693000	2500993	250000	11947942