

**NATIONAL BOARD OF ACCREDITATION**

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

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

**PART A- Profile of the Institute**

|  |                                       |
|--|---------------------------------------|
| <b>A1.Name of the Institute</b> : NMAM Institute of Technology, Nitte Deemed to be University  |                                       |
| Year of Establishment : 1986   | Location of the Institute: Udupi Dist |
| <b>A2. Institute Address</b> :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  |
| <b>A3. Name and Address of the Affiliating University (if any):</b>  |                                       |
| Name of the University : NIL   | City: Dakshina Kannada                |
| State : Karnataka  | Pin Code: 575018                      |
| <b>A4. Type of the Institution</b> : Deemed University   |                                       |
| <b>A5. Ownership Status</b> : 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                  | Cyber Security                                    | PG            |
| 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            |
| Computer Science and Engineering                  | Computer Science and Engineering                  | UG            |
| Computer Science and Engineering                  | Computer Science and Engineering                  | PG            |
| Computer Science and Engineering (Cyber Security) | Computer Science and Engineering (Cyber Security) | UG            |

## PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

| SR.NO. | PROGRAM NAME                         | PROGRAM APPLIED LEVEL | YEAR OF START / YEAR OF CLOSED | SANCTIONED INTAKE | INCREASE/DECREASE INTAKE (if any) | YEAR OF INCREASE/DECREASE | CURRENT INTAKE | YEAR OF AICTE APPROVAL | AICTE/COMPETENT AUTHORITY ARROVAL DETAILS | ACCREDITATION STATUS | FROM | TO | NO. OF TIMES PROGRAM ACCREDITED |
|--------|--------------------------------------|-----------------------|--------------------------------|-------------------|-----------------------------------|---------------------------|----------------|------------------------|---|----------------------|------|----|---------------------------------|
| 1      | Computer & Communication Engineering | UG                    | 2020 / --                      | 60                | No                                | NA                        | 60             | 2020                   | AICTE                                     | Applying first time  | --   | -- | 0                               |

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 | AICTE/COMPETENT AUTHORITY ARROVAL DETAILS | ACCREDITATION STATUS  | FROM | TO   |
|--------|-------------------------------------|-----------------------------------|-----------------------|--------------------------------|-------------------|-----------------------------------|---------------------------|----------------|------------------------|---|---|------|------|
| 1      | Computer Science and Engineering    | Computer Science and Engineering  | PG                    | 2001 / --                      | 25                | No                                | NA                        | 25             | 2001                   | AICTE                                     | Eligible but not applied  | --   | --   |
| 2      | Computer Science and Engineering    | Cyber Security                    | PG                    | 2022 / --                      | 18                | No                                | NA                        | 18             | 2022                   | AICTE                                     | Not eligible for accreditation                                    | --   | --   |
| 3      | Information Science and Engineering | Information Science & Engineering | UG                    | 1999 / --                      | 40                | Yes                               | 2024                      | 240            | 2024                   | AICTE                                     | Granted accreditation for 3 years for the period (specify period) | 2022 | 2025 |

## Sanctioned Intake for Last Five Years for the Information Science &amp; Engineering

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

| 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 | AICTE/COMPETENT AUTHORITY ARROVAL DETAILS | ACCREDITATION STATUS  | FROM | TO   |  |  |               |                   |         |     |         |     |         |     |         |     |         |     |         |     |
|---|---|---|-----------------------|--------------------------------|-------------------|-----------------------------------|---------------------------|----------------|------------------------|---|---|------|------|--|--|---------------|-------------------|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|
| 4   | Artificial Intelligence and Data Science          | Artificial Intelligence and Data Science          | UG                    | 2022 / --                      | 60                | No                                | NA                        | 60             | 2022                   | AICTE                                     | Not eligible for accreditation                                    | --   | --   |  |  |               |                   |         |     |         |     |         |     |         |     |         |     |         |     |
| 5   | Artificial Intelligence and Machine Learning      | Artificial Intelligence and Machine Learning      | UG                    | 2020 / --                      | 60                | Yes                               | 2025                      | 120            | 2025                   | AICTE                                     | Not eligible for accreditation                                    | --   | --   |  |  |               |                   |         |     |         |     |         |     |         |     |         |     |         |     |
| <table><tr><th colspan="2">Sanctioned Intake for Last Five Years for the Artificial Intelligence and Machine Learning</th></tr><tr><th>Academic Year</th><th>Sanctioned Intake</th></tr><tr><td>2025-26</td><td>120</td></tr><tr><td>2024-25</td><td>60</td></tr><tr><td>2023-24</td><td>60</td></tr><tr><td>2022-23</td><td>60</td></tr><tr><td>2021-22</td><td>60</td></tr><tr><td>2020-21</td><td>60</td></tr></table> |   |   |                       |                                |                   |                                   |                           |                |                        |   |   |      |      | 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  |
| 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                   | AICTE                                     | Not eligible for accreditation                                    | --   | --   |  |  |               |                   |         |     |         |     |         |     |         |     |         |     |         |     |
| 7   | Computer Science and Engineering                  | Computer Science and Engineering                  | UG                    | 1986 / --                      | 40                | Yes                               | 2025                      | 360            | 2025                   | AICTE                                     | Granted accreditation for 3 years for the period (specify period) | 2022 | 2025 |  |  |               |                   |         |     |         |     |         |     |         |     |         |     |         |     |
| <table><tr><th colspan="2">Sanctioned Intake for Last Five Years for the Computer Science and Engineering</th></tr><tr><th>Academic Year</th><th>Sanctioned Intake</th></tr><tr><td>2025-26</td><td>360</td></tr><tr><td>2024-25</td><td>300</td></tr><tr><td>2023-24</td><td>240</td></tr><tr><td>2022-23</td><td>180</td></tr><tr><td>2021-22</td><td>180</td></tr><tr><td>2020-21</td><td>180</td></tr></table>        |   |   |                       |                                |                   |                                   |                           |                |                        |   |   |      |      | 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 |
| 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  $\approx$  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)<br>LYG | (2020-21)<br>LYGm1 | (2019-20)<br>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              |

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 2rd 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 Association (Regular/ Contract/ Ad hoc) | Currently Associated (Y/N) | In case of NO, Date of Leaving | IS HOD? |
|-------|------------------------|-------------|----------------|-------------------------|---|-------------------------------------|--|---|---------------------|---|---|----------------------------|--------------------------------|---------|
| 1     | DR.RADHAKRISHNA        | XXXXXXXX01B | Ph.D           | VTU                     | Cryptography and Cyber security             | 28/02/2004                          | 21.8                                     | Lecturer  | Professor           | 01/04/2024  | Regular   | Yes                        |                                | Yes     |
| 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   | Yes                        |                                | No      |
| 3     | SHRINIVASA             | XXXXXXXX42A | M.Tech         | VTU                     | Cloud Computing                             | 17/08/2023                          | 2.2                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 4     | MANJUNATHA A S         | XXXXXXXX13J | M.Tech         | VTU                     | Wireless Sensor Networks & Machine Learning | 16/08/2021                          | 4.2                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 5     | DR. MAMATHA K M        | XXXXXXXX29D | Ph.D           | VTU                     | Wireless Sensor Networks                    | 01/08/2023                          | 2.3                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 6     | SANDEEP KUMAR S        | XXXXXXXX70M | M.Tech         | VTU                     | Image Processing. Machine Learning          | 01/09/2022                          | 3.2                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 7     | KRISHNA PRASAD D S     | XXXXXXXX59H | M.Tech         | VTU                     | Cyber Security                              | 25/07/2022                          | 3.3                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 8     | CHIDANANDA T           | XXXXXXXX33C | M.Tech         | VTU                     | Blockchain                                  | 05/10/2021                          | 4.1                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 9     | JYOTHI V PRASAD        | XXXXXXXX55C | M.Tech         | VTU                     | Deep Learning, Machine Learning             | 05/08/2024                          | 1.2                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 10    | Dr. Udaya Kumar Shenoy | XXXXXXXX70K | Ph.D           | NITK, Surathkal         | Computer Network                            | 18/06/2009                          | 14.6                                     | Assistant Professor                             | Professor           | 01/03/2013  | Regular   | No                         | 30/12/2023                     | No      |
| 11    | Dr. Chithra K          | XXXXXXXX95H | Ph.D           | Anna University         | Computer Science and Engineering            | 01/08/2023                          | 0.8                                      | Assistant Professor                             | Assistant Professor |   | Regular   | No                         | 20/04/2024                     | No      |

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

| Sr.No | Name of the Faculty    | PAN No.     | APAAR faculty ID*(if any) | Highest degree | University                               | Area of Specialization                               | Date of Joining in this Institution | Experience in years in current institute | Designation at Time Joining in this Institution | Present Designation | The date on which Designated as Professor/ Associate Professor if any | Nature of Association (Regular/ Contract/ Ad hoc) | Currently Associated (Y/N) | In case of NO, Date of Leaving | IS HOD? |
|-------|------------------------|-------------|---------------------------|----------------|--|--|-------------------------------------|--|---|---------------------|---|---|----------------------------|--------------------------------|---------|
| 1     | DR.ROSHAN FERNANDES    | XXXXXXXX95C | NA                        | Ph.D           | VTU                                      | Mobile Web Services                                  | 28/02/2004                          | 21.8                                     | Assistant Professor                             | Professor           | 01/10/2022  | Regular   | Yes                        |                                | Yes     |
| 2     | DR. MANJUNATH KAMATH K | XXXXXXXX17P | NA                        | Ph.D           | VTU                                      | Information Security                                 | 08/08/2024                          | 1.2                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 3     | VARSHITHA B A          | XXXXXXXX78R | NA                        | M.Tech         | Manipal academy of higher education      | Cybersecurity  | 18/08/2025                          | 0.2                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 4     | ASHMI K KOTIAN         | XXXXXXXX44A | NA                        | M.Tech         | Nitte (Deemed to be University)          | Cybersecurity  | 16/08/2025                          | 0.2                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 5     | SHYAM KUMAR S          | XXXXXXXX79J | NA                        | M.Tech         | Nitte University                         | Cybersecurity  | 01/07/2024                          | 1.4                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 6     | VANDANA U              | XXXXXXXX82C | NA                        | M.Tech         | VTU                                      | Machine Learning                                     | 23/07/2025                          | 0.3                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 7     | AISHWARYA D SHETTY     | XXXXXXXX30P | NA                        | M.Tech         | VTU                                      | Machine Learning                                     | 16/08/2021                          | 4.2                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 8     | JOYLIN PRIYA PINTO     | XXXXXXXX72K | NA                        | M.Tech         | VTU                                      | Machine Learning, Artificial Intelligence            | 05/07/2019                          | 6.4                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 9     | PRAJWAL HEGDE          | XXXXXXXX88A | NA                        | M.Tech         | VTU                                      | Data Security  | 15/07/2014                          | 11.3                                     | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 10    | DR.NAVANEETH BHASKAR   | XXXXXXXX09E | NA                        | Ph.D           | Vellore Institute of Technology, Vellore | Biomedical Signal Processing and Machine Learning    | 23/01/2025                          | 0.9                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 11    | DR.PRAVEEN M NAIK      | XXXXXXXX43K | NA                        | Ph.D           | NITK                                     | Deep Learning  | 16/07/2024                          | 1.3                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 12    | DR. VENUGOPALA P S     | XXXXXXXX20L | NA                        | Ph.D           | VTU                                      | Image and Video processing, Data Analytics           | 30/09/2002                          | 23.1                                     | Assistant Professor                             | Professor           | 01/06/2022  | Regular   | Yes                        |                                | No      |
| 13    | ANKITHA SHETTY         | XXXXXXXX11D | NA                        | M.Tech         | VTU                                      | Networking   | 17/02/2023                          | 2.8                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 14    | DR.ANKITHA K           | XXXXXXXX87G | NA                        | Ph.D           | Mangalore University                     | Data Science   | 15/07/2023                          | 2.3                                      | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 15    | SHILPA M KAREGOUDAR    | XXXXXXXX15A | NA                        | M.Tech         | VTU                                      | Image Processing, Machine Learning                   | 01/08/2015                          | 10.3                                     | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |
| 16    | SAVITHA                | XXXXXXXX80P | NA                        | M.Tech         | VTU                                      | Artificial Intelligence, Natural Language Processing | 19/09/2011                          | 14.2                                     | Assistant Professor                             | Assistant Professor |   | Regular   | Yes                        |                                | No      |



|    |                              |            |    |        |   |  |            |       |                     |                     |            |         |     |  |    |
|----|------------------------------|------------|----|--------|---|--|------------|-------|---------------------|---------------------|------------|---------|-----|--|----|
| 17 | SUHAIL AHAMED NISAR SHAHA    | XXXXXXX79M | NA | M.Tech | VTU                                       | Computer Network Engineering                             | 10/07/2025 | 0.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 18 | SIMRAN BANU                  | XXXXXXX34J | NA | M.Tech | Manipal Academy of Higher Education(MAHE) | Computer Network   | 01/08/2025 | 0.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 19 | SOUMYA ASHWATH               | XXXXXXX00F | NA | M.Tech | VTU                                       | Image Processing & Machine learning                      | 23/07/2022 | 3.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 20 | SHREYA JAYA SHETTY           | XXXXXXX70A | NA | M.Tech | VTU                                       | Cybersecurity  | 01/08/2025 | 0.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 21 | DR.SHARADA UDAYA SHENOY      | XXXXXXX39M | NA | Ph.D   | VTU                                       | Multimedia communication in AdHoc networks               | 01/02/1999 | 26.9  | Assistant Professor | Professor           | 16/08/2021 | Regular | Yes |  | No |
| 22 | SAMPATH KINI K               | XXXXXXX94J | NA | M.Tech | VTU                                       | Computer Networks  | 22/06/2009 | 16.5  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 23 | DR.NIRANJAN N CHIPLUNKAR     | XXXXXXX25D | NA | Ph.D   | VTU                                       | Java, Big Data Analytics                                 | 19/12/1996 | 28.11 | Professor           | Professor           | 19/12/1996 | Regular | Yes |  | No |
| 24 | DR.SANDEEP KUMAR HEGDE       | XXXXXXX12P | NA | Ph.D   | University of Mysore                      | CAD for VLSI, Multicore architecture and program         | 16/07/2016 | 9.4   | Assistant Professor | Associate Professor | 01/03/2023 | Regular | Yes |  | No |
| 25 | DR. VENKATRAMANA BHAT P      | XXXXXXX07E | NA | Ph.D   | Manipal University                        | Wireless Sensor Network                                  | 30/12/2021 | 3.10  | Professor           | Professor           | 30/12/2021 | Regular | Yes |  | No |
| 26 | DR.PALLAVI K N               | XXXXXXX42R | NA | Ph.D   | VTU                                       | Data security  | 04/08/2008 | 17.3  | Assistant Professor | Associate Professor | 01/03/2023 | Regular | Yes |  | No |
| 27 | DR.ANISHA P RODRIGUES        | XXXXXXX44R | NA | Ph.D   | VTU                                       | Natural Language Processing                              | 01/06/2012 | 13.5  | Assistant Professor | Associate Professor | 01/07/2022 | Regular | Yes |  | No |
| 28 | DR.VIJAYA MURARI T           | XXXXXXX59N | NA | Ph.D   | VTU                                       | Image and Video processing, Cryptography, Cyber security | 08/01/2007 | 18.10 | Assistant Professor | Associate Professor | 15/04/2024 | Regular | Yes |  | No |
| 29 | DR. DESAI KARANAM SREEKANTHA | XXXXXXX18L | NA | Ph.D   | Symbios International, University, Pune   | IoT, Design Thinking, Soft Computing                     | 10/11/2014 | 11    | Associate Professor | Professor           | 01/01/2015 | Regular | Yes |  | No |
| 30 | DR.PUNEETH RP                | XXXXXXX15A | NA | Ph.D   | REVA University                           | Blockchain Technology, Cryptography,                     | 27/07/2015 | 10.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 31 | GURU PRASAD                  | XXXXXXX04M | NA | M.Tech | VTU                                       | Computer Network Engineering, Blockchain Technology      | 01/02/2023 | 2.9   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                          |            |    |        |                             |   |            |      |                     |                     |            |         |     |  |    |
|----|--------------------------|------------|----|--------|-----------------------------|---|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 32 | ANKITHA A NAYAK          | XXXXXXX83J | 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 |            | Regular | Yes |  | No |
| 33 | DR.MINU P ABRAHAM        | XXXXXXX32D | NA | Ph.D   | VTU                         | Wireless Sensor Networks & Machine Learning   | 15/06/2013 | 12.4 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 34 | DR.PRADEEP KANCHAN       | XXXXXXX82K | NA | Ph.D   | NITK                        | Wireless Sensor Networks, Quantum Computing   | 01/08/2012 | 13.3 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 35 | DR.KEERTHANA B CHIGATERI | XXXXXXX93P | NA | Ph.D   | VTU                         | Machine Learning  | 01/02/2013 | 12.9 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 36 | MANASA G.R               | XXXXXXX86Q | NA | M.Tech | VTU                         | Machine Learning  | 24/07/2019 | 6.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 37 | DISHA D N                | XXXXXXX23K | NA | M.Tech | VTU                         | Deep Learning, AI, Social Network Analysis  | 13/09/2021 | 4.2  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 38 | DR.ASMITA POOJARI        | XXXXXXX42A | NA | Ph.D   | VTU                         | Cryptography and network security   | 28/06/2010 | 15.4 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 39 | DR.JYOTHI SHETTY         | XXXXXXX33K | NA | Ph.D   | VTU                         | Machine Learning  | 22/06/2016 | 9.4  | Assistant Professor | Professor           | 01/03/2018 | Regular | Yes |  | No |
| 40 | VAISHALI                 | XXXXXXX00G | NA | M.Tech | VTU                         | Machine learning  | 29/07/2022 | 3.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 41 | DR.SUDESH RAO            | XXXXXXX77P | NA | Ph.D   | Srinivas University         | Deep Learning, AI, Data Mining  | 02/08/2021 | 4.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 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 |            | Regular | Yes |  | No |
| 43 | JAYAPADMINI KANCHAN      | XXXXXXX82P | NA | M.Tech | VTU                         | Computer Networks, Data Science   | 01/08/2023 | 2.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 44 | RAKSHITHA                | XXXXXXX79M | NA | M.Tech | VTU                         | Natural Language Processing, Deep Learning  | 06/07/2022 | 3.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 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 |            | Regular | Yes |  | No |
| 46 | SNEHA SHETTY R           | XXXXXXX15M | NA | M.Tech | VTU                         | Machine Learning, Deep Learning, Data Science   | 01/08/2023 | 2.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 47 | SWATHI PAI M             | XXXXXXX65K | NA | M.Tech | VTU                         | Machine Learning, Deep Learning, AI,  | 03/07/2023 | 2.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                                |            |    |        |   |   |            |       |                     |                     |            |         |     |  |    |
|----|--------------------------------|------------|----|--------|---|---|------------|-------|---------------------|---------------------|------------|---------|-----|--|----|
| 48 | SMITHA                         | XXXXXXX98B | NA | M.Tech | VTU                                     | Speech Signal Processing, Machine Learning, Deep Learning,              | 18/09/2023 | 2.1   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 49 | DEEKSHA SHETTY V               | XXXXXXX41C | NA | M.Tech | Nitte University                        | Computer Science and Engineering  | 01/07/2025 | 0.4   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 50 | DR. SARIKA HEGDE               | XXXXXXX36B | NA | Ph.D   | Mangalore University                    | Speech Recognition & Machine Learning                                   | 01/09/2003 | 22.2  | Assistant Professor | Professor           | 01/10/2022 | Regular | Yes |  | No |
| 51 | PATEEL G P                     | XXXXXXX80B | NA | Ph.D   | VTU                                     | DIGITAL COMMUNICATION AND NETWORKING                                    | 07/07/2025 | 0.4   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 52 | RAJASHREE                      | XXXXXXX74P | NA | M.Tech | VTU                                     | Machine Learning, Artificial Intelligence                               | 15/07/2016 | 9.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 53 | H C ANUPAMA                    | XXXXXXX19M | NA | M.Tech | VTU                                     | Parallel Computing  | 01/06/2024 | 1.5   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 54 | DR.GOVINDARAJ P                | XXXXXXX66Q | NA | Ph.D   | Vellore Institute of Technology         | Machine Learning  | 14/07/2025 | 0.3   | Associate Professor | Associate Professor | 14/07/2025 | Regular | Yes |  | No |
| 55 | DR.RAJU K                      | XXXXXXX23F | NA | Ph.D   | VTU                                     | Parallel Computing  | 01/08/2007 | 18.3  | Assistant Professor | Associate Professor | 01/09/2014 | Regular | Yes |  | No |
| 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 |            | Regular | Yes |  | No |
| 57 | AKHIL RAJ V GADAGKAR           | XXXXXXX51H | NA | M.Tech | VTU                                     | Wireless Sensor Networks  | 01/07/2023 | 2.4   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 58 | DR.SUDEEPA K.B                 | XXXXXXX22E | NA | Ph.D   | VTU                                     | Cryptography and Network Security                                       | 01/07/2014 | 11.4  | Associate Professor | Associate Professor | 01/09/2014 | Regular | Yes |  | No |
| 59 | DR.RAGHUNANDAN K R             | XXXXXXX92H | NA | Ph.D   | VTU                                     | Cryptography and Cyber security   | 01/07/2013 | 12.4  | Assistant Professor | Associate Professor | 01/09/2023 | Regular | Yes |  | No |
| 60 | SUNIL KUMAR AITHAL             | XXXXXXX86P | NA | M.Tech | VTU                                     | Image Processing Computer Vision  | 16/07/2012 | 13.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 61 | SOWMYA P                       | XXXXXXX55N | NA | M.Tech | VTU                                     | Artificial Intelligence and Machine Learning                            | 20/07/2022 | 3.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 62 | DR.RAJALAXMI HEGDE             | XXXXXXX36J | NA | Ph.D   | VTU                                     | Machine learning  | 23/11/2015 | 9.11  | Assistant Professor | Associate Professor | 01/11/2023 | Regular | Yes |  | No |
| 63 | PAWAN HEGDE                    | XXXXXXX56R | NA | M.Tech | Jain University                         | Blockchain Technology, Federated Learning                               | 22/01/2013 | 12.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 64 | DR. SHASHANK                   | XXXXXXX45R | NA | Ph.D   | NITK                                    | Health Informatics, Machine Learning, Deep Learning, Internet of Things | 03/07/2014 | 11.4  | Assistant Professor | Associate Professor | 01/04/2025 | Regular | Yes |  | No |

|    |                        |            |    |        |                                 |  |            |      |                     |                     |            |         |     |  |    |
|----|------------------------|------------|----|--------|---------------------------------|--|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 65 | DR.SANNIDHAN MS        | XXXXXXX16C | NA | Ph.D   | VTU                             | Deep Learning                                      | 04/06/2012 | 13.5 | Assistant Professor | Associate Professor | 01/03/2023 | Regular | Yes |  | No |
| 66 | B VIJETHA              | XXXXXXX74H | NA | Ph.D   | Nitte (Deemed to be University) | Computer science and engineering                   | 14/07/2025 | 0.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 67 | DR.ASHWIN SHENOY M     | XXXXXXX32E | NA | Ph.D   | REVA University                 | Computer Vision                                    | 29/07/2022 | 3.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 68 | PRITHVIRAJ             | XXXXXXX28H | NA | M.Tech | VTU                             | Machine Learning, Bigdata                          | 01/08/2023 | 2.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 69 | DR.SHABARI SHEDTHI B   | XXXXXXX95J | NA | Ph.D   | VTU                             | Machine Learning                                   | 01/06/2013 | 12.5 | Assistant Professor | Associate Professor | 01/09/2023 | Regular | Yes |  | No |
| 70 | SOWMYA S               | XXXXXXX53L | NA | M.Tech | VTU                             | Deep Learning                                      | 05/08/2024 | 1.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 71 | DR.RAVI B              | XXXXXXX39C | NA | Ph.D   | Reva University, Bangalore      | Wireless Sensor Networks                           | 07/11/2003 | 22   | Assistant Professor | Associate Professor | 01/02/2019 | Regular | Yes |  | No |
| 72 | TANZILA NARGIS         | XXXXXXX24G | NA | M.Tech | VTU                             | Cyber Security, Block Chain, Machine Learning      | 06/08/2018 | 7.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 73 | DR. VASUDEVA           | XXXXXXX54K | NA | Ph.D   | NITK                            | Mathematical and Computational Science             | 23/02/2022 | 3.8  | Professor           | Professor           | 23/02/2022 | Regular | Yes |  | No |
| 74 | DR.NAGANNA CHETTY      | XXXXXXX05J | NA | Ph.D   | NITK                            | Social Media Content Analysis                      | 01/06/2023 | 2.5  | Associate Professor | Associate Professor | 01/06/2023 | Regular | Yes |  | No |
| 75 | DR. KARUNA PANDIT      | XXXXXXX72Q | NA | Ph.D   | NITK                            | System Analysis and computer applications          | 01/09/1987 | 38.2 | Assistant Professor | Professor           | 04/08/2017 | Regular | Yes |  | No |
| 76 | DR.RAMESH G            | XXXXXXX72K | NA | Ph.D   | UVCE, Bangalore University      | Image Processing, Machine Learning                 | 10/02/2025 | 0.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 77 | DR.MANJULA GURURAJ RAO | XXXXXXX41P | NA | Ph.D   | Jain University                 | Image Processing, AI, GAI, Data Analytics          | 02/08/2021 | 4.3  | Associate Professor | Professor           | 01/04/2025 | Regular | Yes |  | No |
| 78 | VASUDEVA PAI           | XXXXXXX83B | NA | M.Tech | VTU                             | Cyber Security, Network Security, Computer Network | 04/09/2007 | 18.2 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 79 | DR.BOLA SUNIL KAMATH   | XXXXXXX83N | NA | Ph.D   | VTU                             | Cloud Computing, Network Security, Computer Vision | 24/07/2019 | 6.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 80 | KRISHNARAJ RAO N S     | XXXXXXX94B | NA | M.Tech | VTU                             | IoT, Image Processing, Computer Network            | 26/07/2022 | 3.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 81 | DR.JASON ELROY MARTIS  | XXXXXXX44C | NA | Ph.D   | VTU                             | Generative AI, Cognitive AI, IoT, DL               | 01/07/2009 | 16.4 | Assistant Professor | Associate Professor | 01/07/2023 | Regular | Yes |  | No |
| 82 | DR.ASHWINI B           | XXXXXXX96M | NA | Ph.D   | VTU                             | Image Processing, Computer Vision                  | 26/08/2004 | 21.2 | Assistant Professor | Associate Professor | 01/09/2014 | Regular | Yes |  | No |

|    |                     |            |    |        |   |  |            |       |                     |                     |            |         |     |  |    |
|----|---------------------|------------|----|--------|---|--|------------|-------|---------------------|---------------------|------------|---------|-----|--|----|
| 83 | DR. CHAITRA S N     | XXXXXXX27F | NA | Ph.D   | VTU   | Cryptography and Cyber security  | 18/08/2025 | 0.2   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 84 | PRATHYAKSHINI       | XXXXXXX54K | NA | M.Tech | VTU   | Natural Language Processing, Machine Learning                                    | 03/02/2017 | 8.9   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 85 | DR. VAIKUNTA PAI    | XXXXXXX88Q | NA | Ph.D   | Srinivas University   | Pattern Recognition, High Performance computing                                  | 21/07/2023 | 2.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 86 | PRATHEEKSHA HEGDE N | XXXXXXX91L | NA | M.Tech | VTU   | Computer Networks  | 01/01/2020 | 5.10  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 87 | DR.DEVIDAS          | XXXXXXX49L | NA | Ph.D   | VTU   | Data Science, Data Analytics   | 09/01/2007 | 18.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 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           | 01/04/2025 | Regular | Yes |  | No |
| 89 | ALAKA ANANTH        | XXXXXXX62G | NA | M.Tech | NITK  | Computer Networks, Cloud Computing, NLP  | 02/08/2018 | 7.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 90 | DR.RASHMI NAVEEN    | XXXXXXX03P | NA | Ph.D   | VTU   | Information Security, Cryptography, Steganography                                | 01/02/2007 | 18.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 91 | DR.DEEPA            | XXXXXXX00K | NA | Ph.D   | VTU   | Image Processing, Computer Vision  | 12/08/2005 | 20.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 92 | DR.SUMATHI          | XXXXXXX83E | NA | Ph.D   | VTU   | Web Service, Data Mining, Cloud Computing  | 02/08/2021 | 4.3   | Associate Professor | Professor           | 01/04/2025 | Regular | Yes |  | No |
| 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           | 01/03/2013 | Regular | Yes |  | No |
| 94 | DR.SANTHOSH S       | XXXXXXX68F | NA | Ph.D   | Srinivas University   | Medical Image Processing, Deep Learning  | 01/09/2021 | 4.2   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 95 | SHARATH KUMAR       | XXXXXXX57P | NA | M.Tech | VTU   | Image Processing, Network security   | 01/08/2024 | 1.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 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 | 01/04/2025 | Regular | Yes |  | No |
| 97 | PRASHANTH KUMAR     | XXXXXXX55Q | NA | M.Tech | VTU   | Computer Network, Cyber Security   | 12/08/2024 | 1.3   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|     |                           |            |    |        |      |  |            |      |                     |                     |            |         |     |            |    |
|-----|---------------------------|------------|----|--------|------|--|------------|------|---------------------|---------------------|------------|---------|-----|------------|----|
| 98  | DR.CHINMAI SHETTY         | XXXXXXX28K | NA | Ph.D   | VTU  | Cloud Computing, Network Security                | 17/07/2015 | 10.4 | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 99  | SRIKANTH BHAT K           | XXXXXXX75P | NA | M.Tech | VTU  | Cloud Computing, Network Security                | 15/06/2013 | 12.5 | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 100 | DR. VANDANA B S           | XXXXXXX60H | NA | Ph.D   | VTU  | MEDICAL IMAGE PROCESSING                         | 22/07/2024 | 1.4  | Associate Professor | Associate Professor |            | Regular | Yes |            | No |
| 101 | Ashwitha Thomas           | XXXXXXX27D | NA | M.Tech | VTU  | Cyber Security, Software Engineering             | 01/02/2023 | 2.5  | Assistant Professor | Assistant Professor |            | Regular | No  | 07/07/2025 | No |
| 102 | DEEPAK D                  | XXXXXXX22R | NA | M.Tech | VTU  | Software Engineering                             | 01/04/2023 | 0.10 | Assistant Professor | Assistant Professor |            | Regular | No  | 31/01/2024 | No |
| 103 | Abhishek S Rao            | XXXXXXX55L | NA | M.Tech | VTU  | Machine Learning, Deep Learning, Computer Vision | 01/07/2017 | 8    | Assistant Professor | Assistant Professor |            | Regular | No  | 30/06/2025 | No |
| 104 | Anusha Anchan             | XXXXXXX01A | NA | M.Tech | VTU  | Machine Learning, Image Processing               | 24/07/2019 | 5.10 | Assistant Professor | Assistant Professor |            | Regular | No  | 09/06/2025 | No |
| 105 | C Anirudhan Adukkathayar  | XXXXXXX01Q | NA | M.Tech | VTU  | Computer Science and Engineering                 | 01/08/2023 | 0.8  | Assistant Professor | Assistant Professor |            | Regular | No  | 20/04/2024 | No |
| 106 | Dr. Shwetha GK            | XXXXXXX26K | NA | Ph.D   | VTU  | Image Processing, Machine Learning               | 14/02/2018 | 7.2  | Assistant Professor | Assistant Professor |            | Regular | No  | 13/05/2025 | No |
| 107 | DR.MANJUNATHA             | XXXXXXX14J | NA | Ph.D   | NITK | Big Data Analytics, Machine Learning             | 02/08/2021 | 2.10 | Assistant Professor | Assistant Professor |            | Regular | No  | 15/06/2024 | No |
| 108 | Dr. Aravinda CV           | XXXXXXX05J | NA | Ph.D   | VTU  | Large Language Models                            | 10/06/2017 | 7.10 | Assistant Professor | Professor           |            | Regular | No  | 30/04/2025 | No |
| 109 | Dr. Ganesh Pai            | XXXXXXX81J | NA | Ph.D   | VTU  | Image Processing                                 | 01/01/2021 | 3.4  | Assistant Professor | Assistant Professor |            | Regular | No  | 01/06/2024 | No |
| 110 | Prathiksha Pai            | XXXXXXX83H | NA | M.Tech | VTU  | Deep Learning                                    | 11/07/2023 | 1.6  | Assistant Professor | Assistant Professor |            | Regular | No  | 27/01/2025 | No |
| 111 | DR. KARTHIK PAI B H       | XXXXXXX87B | NA | Ph.D   | VTU  | Computer Networks                                | 03/10/2000 | 24.1 | Assistant Professor | Professor           | 01/03/2018 | Regular | No  | 13/11/2024 | No |
| 112 | ANUSHA N                  | XXXXXXX97N | NA | M.Tech | VTU  | Bioinformatics, Data science, AI                 | 15/06/2017 | 8.5  | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 113 | VANISHREE B S             | XXXXXXX99B | NA | M.Tech | VTU  | Computer Science and Engineering                 | 01/08/2023 | 0.3  | Assistant Professor | Assistant Professor |            | Regular | No  | 11/11/2023 | No |
| 114 | BALAJI N                  | XXXXXXX85B | NA | M.Tech | IIT  | Deep Learning                                    | 25/07/2019 | 3.10 | Assistant Professor | Assistant Professor |            | Regular | No  | 19/06/2023 | No |
| 115 | Deepa Kumari              | XXXXXXX90P | NA | M.Tech | VTU  | Computer Science & Engg                          | 01/01/2020 | 3.5  | Assistant Professor | Assistant Professor |            | Regular | No  | 30/06/2023 | No |
| 116 | DR.MAHENDRA SHRIDHAR NAIK | XXXXXXX63K | NA | Ph.D   | VTU  | Cryptography                                     | 11/09/2025 | 0.2  | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 117 | DR. LAXMI GULAPPAGOL      | XXXXXXX50P | NA | Ph.D   | VTU  | Secure Communication                             | 03/10/2025 | 0.1  | Associate Professor | Associate Professor | 03/10/2025 | Regular | Yes |            | No |

|     |                         |             |    |        |                      |                                   |            |      |                     |                     |  |         |    |            |    |
|-----|-------------------------|-------------|----|--------|----------------------|-----------------------------------|------------|------|---------------------|---------------------|--|---------|----|------------|----|
| 118 | DR. ABHIR BHANDARY      | XXXXXXXX45C | NA | Ph.D   | VTU                  | Computer Science and Engineering  | 07/07/2012 | 10.7 | Assistant Professor | Assistant Professor |  | Regular | No | 09/02/2023 | No |
| 119 | SANDHYA SADANANDA       | XXXXXXXX50N | NA | M.Tech | VTU                  | NLP, Machine Learning             | 15/07/2019 | 3.6  | Assistant Professor | Assistant Professor |  | Regular | No | 19/01/2023 | No |
| 120 | SAPNA S                 | XXXXXXXX07A | NA | M.Tech | MIT, Manipal         | Image Processing, AI              | 01/08/2018 | 5    | Assistant Professor | Assistant Professor |  | Regular | No | 08/08/2023 | No |
| 121 | DR.K HEMANT KUMAR REDDY | XXXXXXXX55Q | NA | Ph.D   | BERHAMPUR UNIVERSITY | Distributed Systems               | 01/10/2021 | 0.6  | Assistant Professor | Assistant Professor |  | Regular | No | 13/04/2022 | No |
| 122 | NIKITHA SAURABH         | XXXXXXXX28E | NA | M.Tech | VTU                  | Deep Learning                     | 01/03/2018 | 4.4  | Assistant Professor | Assistant Professor |  | Regular | No | 15/07/2022 | No |
| 123 | VANAJAKSHI J            | XXXXXXXX82H | NA | M.Tech | MIT, Manipal         | Computer Networks, Cyber Security | 25/07/2019 | 2.11 | Assistant Professor | Assistant Professor |  | Regular | No | 30/06/2022 | No |

**C2. Student-Faculty Ratio (SFR)**

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

UG1=1st UG program

UGn=nth UG program

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

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

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

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

PG1=1st PG program.

PGm=mth PG program

**A**= No. of Students in PG 1st year

**B**= No. of Students in PG 2nd year

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

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

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

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

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

No. of UG Programs in the Department6 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              |
| <b>UG1: Computer &amp; Communication Engineering</b> | <b>192</b>   | <b>192</b>      | <b>186</b>      |
| UG2.B  | 330          | 264             | 198             |
| UG2.C  | 264          | 198             | 198             |
| UG2.D  | 198          | 198             | 198             |
| <b>UG2: Computer Science and Engineering</b>         | <b>792</b>   | <b>660</b>      | <b>594</b>      |
| UG3.B  | 66           | 66              | 0               |
| UG3.C  | 66           | 0               | 0               |

| Description   | CAY(2025-26)       | CAYm1 (2024-25)    | CAYm2 (2023-24)    |
|---|--------------------|--------------------|--------------------|
| UG3.D   | 0                  | 0                  | 0                  |
| <b>UG3: Computer Science and Engineering (Cyber Security)</b>                       | <b>132</b>         | <b>66</b>          | <b>0</b>           |
| UG4.B   | 66                 | 66                 | 63                 |
| UG4.C   | 66                 | 63                 | 66                 |
| UG4.D   | 63                 | 66                 | 61                 |
| <b>UG4: Artificial Intelligence and Machine Learning</b>                            | <b>195</b>         | <b>195</b>         | <b>190</b>         |
| UG5.B   | 66                 | 66                 | 63                 |
| UG5.C   | 66                 | 63                 | 0                  |
| UG5.D   | 63                 | 0                  | 0                  |
| <b>UG5: Artificial Intelligence and Data Science</b>                                | <b>195</b>         | <b>129</b>         | <b>63</b>          |
| UG6.B   | 264                | 198                | 196                |
| UG6.C   | 198                | 196                | 198                |
| UG6.D   | 196                | 198                | 193                |
| <b>UG6: Information Science &amp; Engineering</b>                                   | <b>658</b>         | <b>592</b>         | <b>587</b>         |
| PG1.A   | 25                 | 25                 | 25                 |
| PG1.B   | 25                 | 25                 | 25                 |
| <b>PG1: Computer Science and Engineering</b>  | <b>50</b>          | <b>50</b>          | <b>50</b>          |
| PG2.A   | 18                 | 18                 | 18                 |
| PG2.B   | 18                 | 18                 | 18                 |
| <b>PG2: Cyber Security</b>  | <b>36</b>          | <b>36</b>          | <b>36</b>          |
| 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)          | <b>S1= 2250</b>    | <b>S2= 1920</b>    | <b>S3= 1706</b>    |
| 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)   | <b>F1= 110</b>     | <b>F2= 99</b>      | <b>F3= 92</b>      |
| 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)  | <b>SFR1= 21.84</b> | <b>SFR2= 21.10</b> | <b>SFR3= 20.07</b> |
| Average SFR for 3 years   | <b>SFR= 21.00</b>  |                    |                    |

### 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 =  $1/9 \times \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents.}$
- 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 | 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<br>(CAYm1) | 2023-24<br>(CAYm2) | 2022-23<br>(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)<br>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 CSE, BCA |
| 2      | CCL42                  | 40  | Lenovo ThinkCentre 12th Gen Intel Core i7                                     | 16 Hours   | Ms. Sachitha Devadiga       | Lab Assistant | Diploma in CSE      |
| 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 IC Trainer Kit | 9 Hours  | Ms. Sachitha Devadiga       | Lab Assistant | Diploma in CSE      |
| 5      | CCL45                  | 35  | HP Pro SFF400 G9 13th Gen Intel Core i5                                       | Utilized for Res   | Mr. Chethan                 | Lab Assistant | Diploma in CSE      |
| 6      | CCL46                  | 39  | Dell Precision 3460 small factor workstation 12th Gen Intel Core i7           | 14 Hours   | Mr. Chethan                 | Lab Assistant | Diploma in CSE      |

## 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   | List of IOT Component in the project / Research labs |
|-------|---------------|-------------------------|--|--|
| 1.    | Project Lab 1 | 39                      | <p><b><u>Model:</u></b> Lenovo ThinkCentre (38 systems)</p> <p><b><u>Configuration:</u></b> 12<sup>th</sup> Gen Intel Core i7, 16GB RAM, 512.1 GB SSD NVME</p> <p><b><u>Operating System:</u></b> Ubuntu, Windows 11</p> <p><b><u>Model:</u></b> HP Pro SFF400 G9 System (1 Systems)</p> <p><b><u>Configuration:</u></b> 13<sup>th</sup> Gen Intel Core i5, 16 GB RAM, 512 GB SSD NECC</p> <p><b><u>Operating System:</u></b> Ubuntu, Windows 11</p> <p><b><u>Software:</u></b> Database Management System (SQL), Code Blocks, Arduino IDE, Visual Studio Code, CIDER logic, Visual Studio Code, NSG2.1.jar (Free Version, Open Source)</p> <p>Android Studio (Licensed under Apache, License)</p> <p>R Studio (Licensed under GNU Affero general public license V3)</p> |  |
| 2.    | Research Lab  | 35                      | <p><b><u>Model:</u></b> HP Pro SFF400 G9 System</p> <p><b><u>Configuration:</u></b> 13<sup>th</sup> Gen Intel Core i5, 16 GB RAM, 512 GB SSD NECC</p> <p><b><u>Operating System:</u></b> Ubuntu, Windows 11</p> <p><b><u>Software:</u></b> Database Management System (SQL), Code Blocks, Arduino IDE, Visual Studio Code, CIDER logic, Visual Studio Code, NSG2.1.jar (Free Version, Open Source)</p> <p>Android Studio (Licensed under Apache, License)</p> <p>R Studio (Licensed under GNU Affero general public license V3)</p>  |  |

|    |               |    |  |
|----|---------------|----|--|
| 3. | Project Lab 2 | 38 | <p><b><u>Model:</u></b> Dell Precision 3460 small factor workstation (36 systems)</p> <p><b><u>Configuration:</u></b> 12th Gen Intel Core i7, 16 GB RAM, 512 GB SSD</p> <p><b><u>Operating System:</u></b> Ubuntu, Windows 11</p> <p><b><u>Model:</u></b> Dell Inc. OptiPlex 3000 (2 Systems)</p> <p><b><u>Configuration:</u></b> 12th Gen Intel Core i5, 16 GB RAM, 512 GB SSD</p> <p><b><u>Operating System:</u></b> Ubuntu, Windows 11</p> <p><b><u>Software:</u></b></p> <p>Exata 8 From Qualnet</p> <p>Database Management System (SQL), Code Blocks, Arduino IDE, Visual Studio Code, CIDER logic, Visual Studio Code, NSG2.1.jar (Free Version, Open Source)</p> <p>Android Studio (Licensed under Apache, License)</p> <p>R Studio (Licensed under GNU Affero general public license V3)</p> |
|----|---------------|----|--|

| SI No | Component Name                  | Count |
|-------|---------------------------------|-------|
| 1     | IR Sensor                       | 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 $\frac{((NS1 \times 0.8) + (NS2 \times 0.2))}{(\text{No. of required faculty (RF4)})}$ ; Percentage = $\frac{((NS1 \times 0.8) + (NS2 \times 0.2))}{RF}$ |
|------|---|--------------------------------------|---|---|---|
|------|---|--------------------------------------|---|---|---|

|                |      |    |    |     |    |
|----------------|------|----|----|-----|----|
| 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 2024-2025 | Actual Expenses in 2024-2025 till | Budgeted in 2023-2024 | Actual Expenses in 2023-2024 till | Budgeted in 2022-2023 | Actual Expenses in 2022-2023 till | Budgeted in 2021-2022 | Actual Expenses in 2021-2022 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 salary   | 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 Industry linkage | 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                         |
| <b>Total</b>                             | <b>974166000</b>      | <b>696192000</b>                  | <b>872683000</b>      | <b>1020344000</b>                 | <b>684342000</b>      | <b>955802000</b>                  | <b>568356000</b>      | <b>604572000</b>                  |

**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 2024-2025 | Actual Expenses in 2024-2025 till | Budgeted in 2023-2024 | Actual Expenses in 2023-2024 till | Budgeted in 2022-2023 | Actual Expenses in 2022-2023 till | Budgeted in 2021-2022 | Actual Expenses in 2021-2022 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, Internship | 0              | 0              | 0              | 0              | 0              | 0              | 0             | 0               |
| Miscellaneous Expenses*                          | 80500          | 96336          | 29000          | 138501         | 18000          | 11515          | 0             | 572112          |
| <b>Total</b>                                     | <b>3230500</b> | <b>3098514</b> | <b>1229000</b> | <b>3784424</b> | <b>4693000</b> | <b>2500993</b> | <b>250000</b> | <b>11947942</b> |