

**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 Science and Engineering | <b>Discipline:</b> Engineering & Technology |
| <b>Level</b> : Under Graduate                          | <b>Tier:</b> 1                              |
| <b>Application No:</b> 11846                           | <b>Date of Submission:</b> 12-05-2026       |

**PART A- Profile of the Institute**

|                                                                     |                                      |
|---------------------------------------------------------------------|--------------------------------------|
| <b>A1.Name of the Institute:</b> NARULA INSTITUTE OF TECHNOLOGY     |                                      |
| Year of Establishment : 2001                                        | Location of the Institute: KAMARHATI |
| <b>A2. Institute Address:</b> 81, NIL GUNJ ROAD, AGAR PARA          |                                      |
| City:Kolkata                                                        | State:West Bengal                    |
| Pin Code:700109                                                     | Website:www.nit.ac.in                |
| Email:INFO@NIT.AC.IN                                                | Phone No(with STD Code):033-25638888 |
| <b>A3. Name and Address of the Affiliating University (if any):</b> |                                      |
| Name of the University : WEST BENGAL UNIVERSITY OF TECHNOLOGY       | City: Nadia                          |
| State : West Bengal                                                 | Pin Code: 741249                     |
| <b>A4. Type of the Institution:</b> Autonomous CAY(2015-16)         |                                      |
| <b>A5. Ownership Status:</b> Self financing                         |                                      |

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

- No. of UG programs: **12**
- No. of PG programs: **6**

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

| <b>Sr.No.</b> | <b>Discipline</b>        | <b>Level of program</b> | <b>Name of the program</b>            | <b>Year of Start</b> | <b>Year of Closed</b> | <b>Name of The Department</b>        |
|---------------|--------------------------|-------------------------|---------------------------------------|----------------------|-----------------------|--------------------------------------|
| 1             | Computer Application     | PG                      | Master of Computer Application        | 2003                 | --                    | Computer Application                 |
| 2             | Engineering & Technology | Diploma                 | Civil Engineering                     | 2014                 | --                    | Civil Engineering                    |
| 3             | Engineering & Technology | UG                      | Civil Engineering                     | 2007                 | --                    | Civil Engineering                    |
| 4             | Engineering & Technology | UG                      | Computer Science & Technology         | 2021                 | --                    | Computer Science and Technology      |
| 5             | Engineering & Technology | UG                      | Computer Science and Business Systems | 2021                 | --                    | Computer Science and Business System |
| 6             | Engineering & Technology | UG                      | Computer Science and Engineering      | 2001                 | --                    | Computer Science and Engineering     |
| 7             | Engineering & Technology | PG                      | Computer Science and Engineering      | 2008                 | --                    | Computer Science and Engineering     |

|    |                          |         |                                                                               |      |      |                                                                                 |
|----|--------------------------|---------|-------------------------------------------------------------------------------|------|------|---------------------------------------------------------------------------------|
| 8  | Engineering & Technology | UG      | Computer Science and Engineering (Artificial Intelligence & Machine Learning) | 2021 | --   | Computer Science and Engineering (Artificial Intelligence and Machine Learning) |
| 9  | Engineering & Technology | UG      | Computer Science and Engineering (Data Science)                               | 2023 | --   | Computer Science and Engineering (Data Science)                                 |
| 10 | Engineering & Technology | Diploma | Electrical Engineering                                                        | 2014 | --   | Electrical Engineering                                                          |
| 11 | Engineering & Technology | UG      | Electrical Engineering                                                        | 2002 | --   | Electrical Engineering                                                          |
| 12 | Engineering & Technology | Diploma | Electronics & Communication Engineering                                       | 2015 | --   | Electronics and Communication Engineering                                       |
| 13 | Engineering & Technology | PG      | Electronics & Communication Engineering                                       | 2007 | --   | Electronics and Communication Engineering                                       |
| 14 | Engineering & Technology | UG      | Electronics & Instrumentation Engineering                                     | 2010 | 2023 | Electronics and Instrumentation Engineering                                     |
| 15 | Engineering & Technology | UG      | ELECTRONICS AND COMMUNICATION ENGINEERING                                     | 2001 | --   | Electronics and Communication Engineering                                       |
| 16 | Engineering & Technology | UG      | Electronics and Computer Science                                              | 2023 | --   | Electronics and Computer Science                                                |
| 17 | Engineering & Technology | PG      | Geotechnical Engineering                                                      | 2021 | --   | Civil Engineering                                                               |
| 18 | Engineering & Technology | UG      | Information Technology                                                        | 2001 | --   | Information Technology                                                          |
| 19 | Engineering & Technology | UG      | Mechanical Engineering                                                        | 2014 | --   | Mechanical Engineering                                                          |
| 20 | Engineering & Technology | Diploma | Mechanical Engineering                                                        | 2020 | --   | Mechanical Engineering                                                          |
| 21 | Engineering & Technology | PG      | Power Systems                                                                 | 2009 | --   | Electrical Engineering                                                          |
| 22 | Engineering & Technology | PG      | Structural Engineering                                                        | 2012 | --   | Civil Engineering                                                               |

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

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

| Name of the Department           | Having Allied Departments | Name of the Program              | Program Level |
|----------------------------------|---------------------------|----------------------------------|---------------|
| Computer Science and Engineering | Yes                       | Computer Science and Engineering | UG            |
| Mechanical Engineering           | No                        | Mechanical Engineering           | UG            |

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

| Allied Department/Cluster Name                                                  | Program Name                                                                  | Program Level |
|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------|
| Computer Science and Engineering (Data Science)                                 | Computer Science and Engineering (Data Science)                               | UG            |
| Computer Science and Engineering (Artificial Intelligence and Machine Learning) | Computer Science and Engineering (Artificial Intelligence & Machine Learning) | UG            |
| Computer Science and Business System                                            | Computer Science and Business Systems                                         | UG            |

|                                  |                                  |    |
|----------------------------------|----------------------------------|----|
| Computer Science and Technology  | Computer Science & Technology    | UG |
| Information Technology           | Information Technology           | UG |
| Electronics and Computer Science | Electronics and Computer Science | UG |

## PART-B: Program information

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

Table No. B1: Program details.

A. List of the Programs Offered by the Department:

| SR.NO.                                                                                | PROGRAM NAME                     | PROGRAM APPLIED LEVEL | YEAR OF START / YEAR OF CLOSED | SANCTIONED INTAKE | INCREASE/ DECREASE INTAKE (if any) | YEAR OF INCREASE/ DECREASE | CURRENT INTAKE | YEAR OF AICTE APPROVAL | AICTE/ COMPETENT AUTHORITY ARROVAL DETAILS | ACCREDITATION STATUS                                              | FROM | TO | NO. OF TIMES PROGRAM ACCREDITED | PROGRAM DURATION |
|---------------------------------------------------------------------------------------|----------------------------------|-----------------------|--------------------------------|-------------------|------------------------------------|----------------------------|----------------|------------------------|--------------------------------------------|-------------------------------------------------------------------|------|----|---------------------------------|------------------|
| 1                                                                                     | Computer Science and Engineering | UG                    | 2001 / --                      | 60                | Yes                                | 2026                       | 300            | 2026                   | Application ID: 1-46225932189              | Granted accreditation for 3 years for the period (specify period) | --   | -- | 2                               | 4                |
| <b>Sanctioned Intake for Last Five Years for the Computer Science and Engineering</b> |                                  |                       |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |
| <b>Academic Year</b>                                                                  |                                  |                       | <b>Sanctioned Intake</b>       |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |
| 2025-26                                                                               |                                  |                       | 300                            |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |
| 2024-25                                                                               |                                  |                       | 240                            |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |
| 2023-24                                                                               |                                  |                       | 240                            |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |
| 2022-23                                                                               |                                  |                       | 180                            |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |
| 2021-22                                                                               |                                  |                       | 180                            |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |
| 2020-21                                                                               |                                  |                       | 180                            |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |

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 | NO. OF TIMES PROGRAM ACCREDITED | PROGRAM DURATION |
|--------|--------------------------------------|---------------------------------------|-----------------------|--------------------------------|-------------------|------------------------------------|----------------------------|----------------|------------------------|--------------------------------------------|--------------------------------|------|----|---------------------------------|------------------|
| 1      | Computer Science and Business System | Computer Science and Business Systems | UG                    | 2021 / --                      | 60                | No                                 | NA                         | 60             | 2021                   | Application ID: 1-46225932189              | Not eligible for accreditation | --   | -- | 0                               | 4                |

| 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 | NO. OF TIMES PROGRAM ACCREDITED | PROGRAM DURATION |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------|--------------------------------|-------------------|------------------------------------|----------------------------|----------------|------------------------|--------------------------------------------|--------------------------------|------|----|---------------------------------|------------------|
| 2                                                                                                                                      | Computer Science and Engineering (Artificial Intelligence and Machine Learning) | Computer Science and Engineering (Artificial Intelligence & Machine Learning) | UG                       | 2021 / --                      | 60                | Yes                                | 2025                       | 240            | 2025                   | Application ID: 1-44641713339              | Not eligible for accreditation | --   | -- | 0                               | 4                |
| <b>Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Artificial Intelligence &amp; Machine Learning)</b> |                                                                                 |                                                                               |                          |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| <b>Academic Year</b>                                                                                                                   |                                                                                 |                                                                               | <b>Sanctioned Intake</b> |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2025-26                                                                                                                                |                                                                                 |                                                                               | 240                      |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2024-25                                                                                                                                |                                                                                 |                                                                               | 180                      |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2023-24                                                                                                                                |                                                                                 |                                                                               | 180                      |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2022-23                                                                                                                                |                                                                                 |                                                                               | 120                      |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2021-22                                                                                                                                |                                                                                 |                                                                               | 60                       |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2020-21                                                                                                                                |                                                                                 |                                                                               | 0                        |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 3                                                                                                                                      | Computer Science and Engineering (Data Science)                                 | Computer Science and Engineering (Data Science)                               | UG                       | 2023 / --                      | 60                | Yes                                | 2025                       | 120            | 2025                   | Application ID: 1-44641713339              | Not eligible for accreditation | --   | -- | 0                               | 4                |
| <b>Sanctioned Intake for Last Five Years for the Computer Science and Engineering (Data Science)</b>                                   |                                                                                 |                                                                               |                          |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| <b>Academic Year</b>                                                                                                                   |                                                                                 |                                                                               | <b>Sanctioned Intake</b> |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2025-26                                                                                                                                |                                                                                 |                                                                               | 120                      |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2024-25                                                                                                                                |                                                                                 |                                                                               | 60                       |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2023-24                                                                                                                                |                                                                                 |                                                                               | 60                       |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2022-23                                                                                                                                |                                                                                 |                                                                               | 0                        |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2021-22                                                                                                                                |                                                                                 |                                                                               | 0                        |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 2020-21                                                                                                                                |                                                                                 |                                                                               | 0                        |                                |                   |                                    |                            |                |                        |                                            |                                |      |    |                                 |                  |
| 4                                                                                                                                      | Computer Science and Technology                                                 | Computer Science & Technology                                                 | UG                       | 2021 / --                      | 60                | No                                 | NA                         | 60             | 2021                   | Application ID: 1-46225932189              | Not eligible for accreditation | --   | -- | 0                               | 4                |

| 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 | NO. OF TIMES PROGRAM ACCREDITED | PROGRAM DURATION |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|-----------------------|--------------------------------|-------------------|------------------------------------|----------------------------|----------------|------------------------|--------------------------------------------|-------------------------------------------------------------------|------|----|---------------------------------|------------------|----------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------|--|--|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|---------|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Information Technology           | Information Technology           | UG                    | 2001 / --                      | 60                | Yes                                | 2023                       | 180            | 2023                   | Application ID: 1-36445550521              | Granted accreditation for 3 years for the period (specify period) | --   | -- | 3                               | 4                |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| <table><tr><th colspan="16">Sanctioned Intake for Last Five Years for the Information Technology</th></tr><tr><th colspan="3">Academic Year</th><th colspan="13">Sanctioned Intake</th></tr><tr><td colspan="3">2025-26</td><td colspan="13">180</td></tr><tr><td colspan="3">2024-25</td><td colspan="13">180</td></tr><tr><td colspan="3">2023-24</td><td colspan="13">180</td></tr><tr><td colspan="3">2022-23</td><td colspan="13">120</td></tr><tr><td colspan="3">2021-22</td><td colspan="13">120</td></tr><tr><td colspan="3">2020-21</td><td colspan="13">120</td></tr></table> |                                  |                                  |                       |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  | Sanctioned Intake for Last Five Years for the Information Technology |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Academic Year |  |  | Sanctioned Intake |  |  |  |  |  |  |  |  |  |  |  |  | 2025-26 |  |  | 180 |  |  |  |  |  |  |  |  |  |  |  |  | 2024-25 |  |  | 180 |  |  |  |  |  |  |  |  |  |  |  |  | 2023-24 |  |  | 180 |  |  |  |  |  |  |  |  |  |  |  |  | 2022-23 |  |  | 120 |  |  |  |  |  |  |  |  |  |  |  |  | 2021-22 |  |  | 120 |  |  |  |  |  |  |  |  |  |  |  |  | 2020-21 |  |  | 120 |  |  |  |  |  |  |  |  |  |  |  |  |
| Sanctioned Intake for Last Five Years for the Information Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |                                  |                       |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| Academic Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |                                  | Sanctioned Intake     |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| 2025-26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                                  | 180                   |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| 2024-25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                                  | 180                   |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| 2023-24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                                  | 180                   |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| 2022-23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                                  | 120                   |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| 2021-22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                                  | 120                   |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| 2020-21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                                  | 120                   |                                |                   |                                    |                            |                |                        |                                            |                                                                   |      |    |                                 |                  |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Electronics and Computer Science | Electronics and Computer Science | UG                    | 2023 / --                      | 30                | No                                 | NA                         | 30             | 2023                   | Application ID: 1-36445550521              | Not eligible for accreditation                                    | --   | -- | 0                               | 4                |                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |               |  |  |                   |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |         |  |  |     |  |  |  |  |  |  |  |  |  |  |  |  |

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

|                           |             |
|---------------------------|-------------|
| A. Name of the HoD :      | PAPRI GHOSH |
| 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)                                                                                                      | 300           | 240             | 240             | 180             | 180             | 180             | 180             |
| N1=Total no. of students admitted in the 1st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program | 300           | 240             | 240             | 180             | 180             | 180             | 180             |
| N2=Number of students admitted in 2nd year in the same batch via lateral entry including leftover seats                                                                      | 0             | 24              | 24              | 18              | 18              | 18              | 12              |
| N3=Separate division if any                                                                                                                                                  | 0             | 0               | 0               | 0               | 0               | 0               | 0               |
| N4=Total no. of students admitted in the 1st year via all supernumerary quotas                                                                                               | 9             | 9               | 9               | 9               | 9               | 9               | 9               |
| Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points.                                      | 309           | 273             | 273             | 207             | 207             | 207             | 201             |

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)   | 300                | 300                 | 9                   | 103.00                        |
| 2024-25 (CAYm1) | 240                | 240                 | 9                   | 103.75                        |
| 2023-24 (CAYm2) | 240                | 240                 | 9                   | 103.75                        |

Average [ (ER1 + ER2 + ER3) / 3 ] = 103.50≡ 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). | 207.00           | 207.00             | 201.00             |
| B=No. of students who graduated from the program in the stipulated course duration                                                                                                                                                                                                                            | 207.00           | 207.00             | 201.00             |
| Success Rate (SR)= (B/A) * 100                                                                                                                                                                                                                                                                                | 100.00           | 100.00             | 100.00             |

Average SR of three batches ((SR\_1+ SR\_2+ SR\_3)/3): 100.00

#### 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) | 8.69   | 8.67   | 8.67   |
| Y=Total no. of successful students                            | 249.00 | 249.00 | 189.00 |
| Z=Total no. of students appeared in the examination           | 249.00 | 249.00 | 189.00 |
| API [X*(Y/Z)]                                                 | 8.69   | 8.67   | 8.67   |

Average API[ (AP1+AP2+AP3)/3 ] : 8.68

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) | 8.75              | 8.73              | 8.73              |
| Y=Total no. of successful students                                                                                                                                     | 273.00            | 207.00            | 207.00            |
| Z=Total no. of students appeared in the examination                                                                                                                    | 273.00            | 207.00            | 207.00            |
| API [ X * (Y/Z) ]                                                                                                                                                      | 8.75              | 8.73              | 8.73              |

Average API [ (AP1 + AP2 + AP3)/3 ] : 8.74

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) | 8.76            | 8.73            | 8.72            |
| Y=Total no. of successful students                                                                                                                                     | 207.00          | 207.00          | 207.00          |
| Z=Total no. of students appeared in the examination                                                                                                                    | 207.00          | 207.00          | 207.00          |
| API [ X*(Y/Z) ]:                                                                                                                                                       | 8.76            | 8.73            | 8.72            |

Average API [ (AP1 + AP2 + AP3)/3 ] : 8.74

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           | 207.00        | 207.00         | 201.00         |
| X=No. of students placed                       | 160.00        | 158.00         | 153.00         |
| Y=No. of students admitted to higher studies   | 13.00         | 11.00          | 11.00          |
| Z= No. of students taking up entrepreneurship  | 5.00          | 5.00           | 4.00           |
| Placement Index(P) = (((X + Y + Z)/FS) * 100): | 85.99         | 84.06          | 83.58          |

Average Placement Index = (P\_1 + P\_2 + P\_3)/3: 84.54 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     | PAPRI GHOSH              | XXXXXXX73G | Ph.D           | Sikkim Manipal University | Machine Learning, Bioinformatics            | 06/08/2021                          | 4.9                                      | Associate Professor                             | Professor           | 01/01/2025                                                            | Regular                                           | Yes                        |                                | Yes     |
| 2     | Parthasarathi De         | XXXXXXX32M | Ph.D           | NIT Agartala              | Image Processing, Machine Learning          | 01/03/2022                          | 4.2                                      | Associate Professor                             | Professor           | 03/07/2023                                                            | Regular                                           | Yes                        |                                | No      |
| 3     | Md. Ashifuddin Mondal    | XXXXXXX93M | Ph.D           | Aliah University          | IoT, Machine Learning                       | 27/03/2010                          | 16.1                                     | Assistant Professor                             | Associate Professor | 01/07/2024                                                            | Regular                                           | Yes                        |                                | No      |
| 4     | Sourav Saha              | XXXXXXX03J | Ph.D           | University of Kalyani     | Machine Learning                            | 02/07/2020                          | 5.10                                     | Professor                                       | Professor           | 02/07/2020                                                            | Regular                                           | Yes                        |                                | No      |
| 5     | Jagannibas Paulchoudhury | XXXXXXX84J | Ph.D           | Jadavpur University       | Image Processing, Machine Learning          | 07/07/2020                          | 5.9                                      | Professor                                       | Professor           | 07/07/2020                                                            | Regular                                           | Yes                        |                                | No      |
| 6     | Bimal Datta              | XXXXXXX11J | Ph.D           | Jadavpur University       | Image Processing, Machine Learning          | 10/07/2024                          | 1.9                                      | Professor                                       | Professor           | 10/07/2024                                                            | Regular                                           | Yes                        |                                | No      |
| 7     | Sanjay Goswami           | XXXXXXX53C | Ph.D           | Jadavpur University       | Machine Learning                            | 08/09/2004                          | 21.8                                     | Assistant Professor                             | Associate Professor | 01/07/2021                                                            | Regular                                           | Yes                        |                                | No      |
| 8     | Sujeet Kr Das            | XXXXXXX24K | Ph.D           | Jadavpur University       | Machine Learning                            | 03/08/2022                          | 3.9                                      | Associate Professor                             | Associate Professor | 03/08/2022                                                            | Regular                                           | Yes                        |                                | No      |
| 9     | Shubhendu Banerjee       | XXXXXXX58A | Ph.D           | MAKAUT                    | Image Processing, Machine Learning          | 02/07/2012                          | 13.10                                    | Assistant Professor                             | Associate Professor | 01/01/2025                                                            | Regular                                           | Yes                        |                                | No      |
| 10    | Pushpita Roy             | XXXXXXX29A | Ph.D           | Calcutta University       | BioChip, Image Processing, Machine Learning | 02/05/2022                          | 4                                        | Assistant Professor                             | Associate Professor | 01/01/2025                                                            | Regular                                           | Yes                        |                                | No      |

|    |                          |            |        |                     |                                    |            |       |                     |                     |            |         |     |  |    |
|----|--------------------------|------------|--------|---------------------|------------------------------------|------------|-------|---------------------|---------------------|------------|---------|-----|--|----|
| 11 | Rakesh Kanji             | XXXXXXX85E | Ph.D   | IIT Jodhpur         | Machine Learning, Bioinformatics   | 01/01/2018 | 8.4   | Assistant Professor | Associate Professor | 01/07/2021 | Regular | Yes |  | No |
| 12 | Nabanita Das             | XXXXXXX99K | Ph.D   | GIET University     | Image Processing, Machine Learning | 06/06/2023 | 2.11  | Associate Professor | Associate Professor | 06/06/2023 | Regular | Yes |  | No |
| 13 | Panchali Dutta Choudhury | XXXXXXX03R | Ph.D   | NIT Durgapur        | Image Processing, Machine Learning | 11/01/2023 | 3.3   | Associate Professor | Associate Professor | 11/01/2023 | Regular | Yes |  | No |
| 14 | Kishalay Bairagi         | XXXXXXX65J | Ph.D   | IIST SHIVPUR        | Networking, Machine Learning       | 06/05/2024 | 1.11  | Associate Professor | Associate Professor | 06/05/2024 | Regular | Yes |  | No |
| 15 | Ananya Banerjee          | XXXXXXX81C | M.Tech | PDSIT, BESU         | Wireless Sensor Network            | 26/08/2006 | 19.8  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 16 | Mousumi Saha             | XXXXXXX73A | M.Tech | WBUT                | Machine Learning                   | 29/03/2010 | 16.1  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 17 | Prodip Ghosh             | XXXXXXX43M | M.Tech | BESU                | Wireless Sensor Network            | 07/06/2010 | 15.11 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 18 | Anukul Maity             | XXXXXXX51G | M.E.   | BESU                | Digital Geometri, Image Processing | 02/09/2010 | 15.8  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 19 | Debjani Chakraborty      | XXXXXXX50Q | M.Tech | MAKAUT              | Image Processing, Machine Learning | 21/12/2011 | 14.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 20 | Debanjan Mitra           | XXXXXXX16Q | M.Tech | MAKAUT              | Image Processing, Machine Learning | 13/12/2017 | 8.4   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 21 | Bingshati Mondal         | XXXXXXX71M | M.Tech | MAKAUT              | Machine Learning                   | 09/06/2020 | 5.10  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 22 | Jayita Pal               | XXXXXXX84M | M.Tech | Jadavpur University | Machine Learning                   | 29/12/2021 | 4.4   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 23 | Prianka Dey              | XXXXXXX07B | M.Tech | Calcutta University | Bio Informatics, machine Learning  | 26/12/2022 | 3.4   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                      |            |        |                     |                                    |            |      |                     |                     |  |         |     |  |    |
|----|----------------------|------------|--------|---------------------|------------------------------------|------------|------|---------------------|---------------------|--|---------|-----|--|----|
| 24 | Tanmoy Ghosh         | XXXXXXX56P | M.Tech | MAKAUT              | Machine Learning, Bioinformatics   | 22/08/2022 | 3.8  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 25 | Avishek Nath         | XXXXXXX40F | M.Tech | Calcutta University | Machine Learning                   | 11/01/2023 | 3.3  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 26 | Swarnali Daw         | XXXXXXX48K | M.Tech | Calcutta University | NLP, Machine Learning              | 26/06/2023 | 2.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 27 | Gopal Pramanik       | XXXXXXX07L | M.Tech | MAKAUT              | Machine Learning                   | 23/06/2023 | 2.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 28 | Mouli Das            | XXXXXXX52L | M.Tech | MAKAUT              | Cyber Security, IoT                | 19/12/2022 | 3.4  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 29 | Ipsita Dalui         | XXXXXXX69N | M.Tech | Calcutta University | IoT                                | 09/06/2023 | 2.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 30 | Mrinmoy Guria        | XXXXXXX87A | M.Tech | NIT Surathkal       | Machine Learning, Bioinformatics   | 01/03/2024 | 2.2  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 31 | Sohinee Mondal       | XXXXXXX44M | M.Tech | MAKAUT              | Image Processing, Machine Learning | 14/03/2024 | 2.1  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 32 | Tathagata Chatterjee | XXXXXXX90G | M.Tech | MAKAUT              | Machine Learning                   | 15/04/2024 | 2    | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 33 | Ritwika Mukherjee    | XXXXXXX19R | M.Tech | MAKAUT              | Machine Learning, Image Processing | 18/06/2024 | 1.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 34 | Pratap Chandra Roy   | XXXXXXX63B | M.Tech | WBUT                | Cloud Computing                    | 01/07/2024 | 1.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 35 | Ritama Sharma        | XXXXXXX92M | M.Tech | Jadavpur University | Medical Image processing           | 06/06/2024 | 1.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 36 | Dishani Roy          | XXXXXXX03C | M.Tech | MAKAUT              | Machine Learning, Bioinformatics   | 01/06/2024 | 1.11 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 37 | Soma Chatterjee      | XXXXXXX48P | Ph.D   | Jadavpur University | NLP, Generative AI                 | 02/12/2024 | 1.5  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 38 | Alok Nath Pal        | XXXXXXX68R | M.Tech | MAKAUT              | IoT                                | 03/06/2023 | 2.11 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 39 | Naren Debnath        | XXXXXXX59R | M.Tech | Jadavpur University | Machine Learning                   | 21/12/2020 | 5.4  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 40 | Sudip Hansda         | XXXXXXX85P | M.Tech | MAKAUT              | Machine Learning                   | 01/07/2025 | 0.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |

|    |                     |            |        |                                                               |                                       |            |      |                     |                     |            |         |     |            |    |
|----|---------------------|------------|--------|---------------------------------------------------------------|---------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|------------|----|
| 41 | Shristi Seal        | XXXXXXX78P | M.Tech | MAKAUT                                                        | Network Security, IoT                 | 01/07/2025 | 0.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 42 | Promita Dey         | XXXXXXX01G | M.Tech | Brainware University                                          | Health care ML                        | 09/07/2025 | 0.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 43 | Mukta Debnath       | XXXXXXX77F | M.Tech | Calcutta University                                           | Cloud Computing, IoT                  | 20/05/2022 | 3.11 | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 44 | Abhishek Banerjee   | XXXXXXX86N | M.Tech | WBUT                                                          | Machine Learning                      | 01/02/2022 | 4.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 45 | Rudra Chatterjee    | XXXXXXX81P | M.Tech | MAKAUT                                                        | NLP, Machine Learning                 | 01/05/2021 | 3.1  | Assistant Professor | Assistant Professor |            | Regular | No  | 11/06/2024 | No |
| 46 | Kushal Banerjee     | XXXXXXX62A | M.Tech | MAKAUT                                                        | Machine Learning                      | 23/11/2020 | 3.7  | Assistant Professor | Assistant Professor |            | Regular | No  | 01/07/2024 | No |
| 47 | Chetana Chakraborty | XXXXXXX55J | M.Tech | MAKAUT                                                        | Machine Learning                      | 06/06/2022 | 2.1  | Assistant Professor | Assistant Professor |            | Regular | No  | 09/07/2024 | No |
| 48 | Anirban Dutta       | XXXXXXX57F | M.Tech | MAKAUT                                                        | IoT, Machine Learning                 | 02/02/2021 | 3.5  | Assistant Professor | Assistant Professor |            | Regular | No  | 12/07/2024 | No |
| 49 | Subhram Das         | XXXXXXX41G | Ph.D   | Jadavpur University                                           | Machine Learning, Bioinformatics      | 20/08/2003 | 22.8 | Assistant Professor | Professor           | 02/01/2023 | Regular | Yes |            | No |
| 50 | Bikramjit Sarkar    | XXXXXXX16J | Ph.D   | Jadavpur University                                           | Cryptography and Information Security | 11/04/2025 | 1    | Professor           | Professor           | 11/04/2025 | Regular | Yes |            | No |
| 51 | Uddalak Mitra       | XXXXXXX53C | Ph.D   | Visva-Bharati University                                      | ML in clinical applications           | 05/05/2025 | 1    | Professor           | Professor           | 05/05/2025 | Regular | Yes |            | No |
| 52 | Kunal Das           | XXXXXXX81M | Ph.D   | University of Kalyani                                         | Machine Learning, Quantum Computing   | 04/07/2016 | 9    | Associate Professor | Professor           | 01/01/2018 | Regular | No  | 02/07/2025 | No |
| 53 | Anilavo Chatterjee  | XXXXXXX85E | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Cyber Security, IoT                   | 15/06/2023 | 1    | Assistant Professor | Assistant Professor |            | Regular | No  | 13/07/2024 | 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     | Chandrima Chakrabarti | XXXXXXXX22A | NA                        | Ph.D           | Maulana Abul Kalam Azad University of Technology, West Bengal | Wireless Network       | 08/10/2007                          | 18.7                                     | Assistant Professor                             | Associate Professor | 01/07/2024                                                            | Regular                                           | Yes                        |                                | No      |
| 2     | Arindam Das           | XXXXXXXX25P | NA                        | M.Tech         | Maulana Abul Kalam Azad University of Technology, West Bengal | Machine learning       | 12/07/2024                          | 1.9                                      | Assistant Professor                             | Assistant Professor |                                                                       | Regular                                           | Yes                        |                                | No      |
| 3     | Mousumi Mitra         | XXXXXXXX04C | NA                        | M.Tech         | University of Kalyani                                         | Cryptography           | 14/08/2025                          | 0.8                                      | Assistant Professor                             | Assistant Professor |                                                                       | Regular                                           | Yes                        |                                | No      |
| 4     | Aritri Chakraborty    | XXXXXXXX00V | NA                        | M.Tech         | Maulana Abul Kalam Azad University of Technology, West Bengal | Computer Vision        | 12/07/2024                          | 1.9                                      | Assistant Professor                             | Assistant Professor |                                                                       | Regular                                           | Yes                        |                                | No      |
| 5     | Sagar Dutta           | XXXXXXXX72A | NA                        | M.Tech         | Maulana Abul Kalam Azad University of Technology, West Bengal | Cryptography           | 07/07/2025                          | 0.9                                      | Assistant Professor                             | Assistant Professor |                                                                       | Regular                                           | Yes                        |                                | No      |
| 6     | Antara Munshi         | XXXXXXXX70R | NA                        | M.Tech         | Maulana Abul Kalam Azad University of Technology, West Bengal | Cryptography           | 14/07/2025                          | 0.9                                      | Assistant Professor                             | Assistant Professor |                                                                       | Regular                                           | Yes                        |                                | No      |

|    |                   |            |    |        |                                                                  |                                                                                                      |            |      |                     |                     |            |         |     |  |    |
|----|-------------------|------------|----|--------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 7  | Sayak Bose        | XXXXXXX69D | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal    | Cryptography                                                                                         | 16/07/2025 | 0.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 8  | Biswajit Halder   | XXXXXXX36N | NA | Ph.D   | The University of Burdwan                                        | Image processing, Document processing, Machine Learning                                              | 12/12/2016 | 9.4  | Associate Professor | Professor           | 01/07/2021 | Regular | Yes |  | No |
| 9  | Bikas Mondal      |            | NA | Ph.D   | Indian Institute of Technology (Indian School of Mines), Dhanbad | Sensor and transducer design, PC-based instrumentation, controller design, MEMS, process modeling, b | 10/07/2024 | 1.9  | Associate Professor | Associate Professor | 10/07/2024 | Regular | Yes |  | No |
| 10 | Dr. Susmita Das   |            | NA | Ph.D   | Indian Institute of Information Technology, Kalyani              | Biorobotics system design, Biomedical product design, Nonlinear system Controller design, IoT operat | 10/02/2024 | 2.2  | Assistant Professor | Associate Professor | 01/07/2024 | Regular | Yes |  | No |
| 11 | Jayanta Pal       | XXXXXXX74B | NA | Ph.D   | National Institute of Technology, Durgapur                       | Signal Processing, Bio informatics                                                                   | 21/07/2006 | 19.9 | Assistant Professor | Associate Professor | 01/07/2024 | Regular | Yes |  | No |
| 12 | Sanghamitra Layek |            | NA | M.E.   | Jadavpur University                                              | Biomedical Engineering                                                                               | 01/01/2024 | 2.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 13 | Avijit Mondal     | XXXXXXX20C | NA | Ph.D   | Maulana Abul Kalam Azad University of Technology, West Bengal    | Network Security                                                                                     | 20/08/2024 | 1.8  | Associate Professor | Associate Professor | 20/08/2024 | Regular | Yes |  | No |

|    |                          |             |    |        |                                                               |                                                                                             |            |      |                     |                     |            |         |     |  |    |
|----|--------------------------|-------------|----|--------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 14 | Priyanka Ghosh           | XXXXXXXX34P | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Sensor and transducer design                                                                | 03/07/2024 | 1.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 15 | Kaustav Bandopadhyay     |             | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Soft Computing, Security                                                                    | 02/07/2024 | 1.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 16 | Sutapa Dhar              | XXXXXXXX00E | NA | M.Tech | University of Calcutta                                        | WSN, Biomedical Engineering                                                                 | 01/07/2025 | 0.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 17 | Saubarna Dutta Chowdhury | XXXXXXXX17R | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Object Oriented Programming                                                                 | 04/01/2021 | 5.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 18 | Bidyut Kumar Medya       | XXXXXXXX64A | NA | Ph.D   | Jadavpur University                                           | Modelling & Simulation: Systems analysis, computational modeling, and simulation techniques | 19/11/2008 | 17.5 | Professor           | Professor           | 19/11/2008 | Regular | Yes |  | No |
| 19 | Anup De                  | XXXXXXXX03G | NA | Ph.D   | University of Calcutta                                        | Digital Image Processing                                                                    | 02/07/2025 | 0.10 | Professor           | Professor           | 02/07/2025 | Regular | Yes |  | No |
| 20 | Suchismita Maiti         | XXXXXXXX09N | NA | Ph.D   | National Institute of Technology, Durgapur                    | Digital Image Processing: Image analysis, enhancement, and computer vision.                 | 24/08/2009 | 16.8 | Assistant Professor | Professor           | 01/07/2025 | Regular | Yes |  | No |
| 21 | Sudip Das                | XXXXXXXX31A | NA | M.Tech | West Bengal University of Technology                          | Machine Learning, Drug Discovery                                                            | 06/01/2022 | 4.3  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                      |            |    |        |                                                               |                                                                          |            |      |                     |                     |            |         |     |  |    |
|----|----------------------|------------|----|--------|---------------------------------------------------------------|--------------------------------------------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 22 | Sambhu Nath Saha     | XXXXXXX61G | NA | Ph.D   | Indian Institute of Technology, Kharagpur                     | Second Language Acquisition, Phonetics, Phonology, Speech Prosody.       | 30/09/2020 | 5.6  | Associate Professor | Professor           | 01/07/2025 | Regular | Yes |  | No |
| 23 | Rajdeep Ghosh        | XXXXXXX10A | NA | Ph.D   | National Institute of Technology, Silchar                     | AI & ML: Neural networks, data science, and intelligent systems.         | 20/06/2022 | 3.10 | Associate Professor | Associate Professor | 20/06/2022 | Regular | Yes |  | No |
| 24 | Tapas Guha           | XXXXXXX75R | NA | Ph.D   | Presidency University                                         | Machine Learning: AI algorithms, data modeling, and predictive analysis. | 04/07/2022 | 3.9  | Associate Professor | Associate Professor | 04/07/2022 | Regular | Yes |  | No |
| 25 | Arnab Hazra          | XXXXXXX74M | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Cloud Computing and Sensor Network                                       | 02/07/2024 | 1.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 26 | Soumen Ghosh         | XXXXXXX84M | NA | Ph.D   | National Institute of Technology, Durgapur                    | Bioinformatics: Genomics, data analysis, and molecular modeling.         | 19/03/2008 | 18.1 | Assistant Professor | Associate Professor | 01/07/2025 | Regular | Yes |  | No |
| 27 | Abira Sengupta       | XXXXXXX07F | NA | M.Tech | West Bengal University of Technology                          | Cloud Computing and Sensor Network                                       | 17/08/2015 | 10.8 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 28 | Neepta Biswas        | XXXXXXX12G | NA | Ph.D   | Jadavpur University                                           | Data Mining: Predictive modeling                                         | 02/08/2022 | 3.9  | Assistant Professor | Associate Professor | 01/07/2025 | Regular | Yes |  | No |
| 29 | Samiddha Chakrabarty |            | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Image Processing                                                         | 02/07/2024 | 1.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                       |            |    |        |                                                        |                                                                                          |            |      |                     |                     |            |         |     |  |    |
|----|-----------------------|------------|----|--------|--------------------------------------------------------|------------------------------------------------------------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 30 | Ambika Nath           | XXXXXXX82K | NA | Ph.D   | Bengal Engineering and Science University              | Supervised learning, deep learning, and neural networks.                                 | 01/07/2025 | 0.9  | Associate Professor | Associate Professor | 01/07/2025 | Regular | Yes |  | No |
| 31 | Kaustav Bagchi        | XXXXXXX51P | NA | Ph.D   | Indian Institute of Engineering Science and Technology | Software Engineering: System design, development, and project management                 | 01/08/2025 | 0.8  | Associate Professor | Associate Professor | 01/08/2025 | Regular | Yes |  | No |
| 32 | Bidisha Banerjee      | XXXXXXX06H | NA | M.Tech | Jadavpur University                                    | Network Security                                                                         | 05/07/2021 | 4.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 33 | Shyamapriya Choudhury | XXXXXXX36R | NA | M.Tech | Bengal Engineering and Science University              | Object Oriented Programming: Software design, programming paradigms, and object modeling | 10/02/2009 | 17.2 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 34 | Sujata Kundu          | XXXXXXX03L | NA | M.Tech | University of Calcutta                                 | Advanced DBMS: Database optimization                                                     | 08/04/2009 | 17   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 35 | Anirban Bhar          | XXXXXXX33M | NA | M.Tech | Bengal Engineering and Science University              | Software Engineering: System design, development, and project management                 | 01/06/2009 | 16   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 36 | Sudipta Paul          | XXXXXXX06B | NA | M.Tech | Jadavpur University                                    | Control and Robotics, Computer Vision.                                                   | 07/09/2010 | 15.8 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 37 | Soumen Kanrar         | XXXXXXX26F | NA | Ph.D   | Vidyasagar University                                  | NLP, computer networks                                                                   | 05/06/2024 | 1.11 | Professor           | Professor           | 05/06/2024 | Regular | Yes |  | No |
| 38 | Tamasree Biswas       | XXXXXXX80M | NA | M.Tech | West Bengal University of Technology                   | Cloud Computing: Virtualization, distributed systems, Network function virtualization    | 29/07/2011 | 14.9 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                      |             |    |        |                                                               |                                                                           |            |      |                     |                     |            |         |     |  |    |
|----|----------------------|-------------|----|--------|---------------------------------------------------------------|---------------------------------------------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 39 | Koushik Karmakar     | XXXXXXXX13M | NA | Ph.D   | Maulana Abul Kalam Azad University of Technology, West Bengal | Sensor network, healthcare, computer networks                             | 30/08/2005 | 20.8 | Assistant Professor | Associate Professor | 01/07/2024 | Regular | Yes |  | No |
| 40 | Soumya Bhattacharyya | XXXXXXXX87Q | NA | M.Tech | West Bengal University of Technology                          | Second Language Acquisition, Phonetics, Phonology, Speech Prosody         | 02/07/2012 | 13   | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 41 | Prantik Chatterjee   | XXXXXXXX48M | NA | M.Tech | Bengal Engineering and Science University                     | Advanced DBMS: distributed systems, and big data.                         | 13/07/2017 | 8.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 42 | Subrata Dafadar      | XXXXXXXX11L | NA | Ph.D   | University of Calcutta                                        | Software Engg. DBMS                                                       | 02/01/2024 | 2.4  | Associate Professor | Associate Professor | 02/01/2024 | Regular | Yes |  |    |
| 43 | Rituparna Kar        | XXXXXXXX08R | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | IoT: Sensor networks, connectivity, and smart systems                     | 04/01/2021 | 5.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 44 | Sayon Mazumder       | XXXXXXXX05M | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Soft Computing: Fuzzy logic, neural networks, and evolutionary algorithms | 09/02/2021 | 5.2  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 45 | Suman Deb            | XXXXXXXX36L | NA | M.Tech | National Institute of Technology, Jamshedpur                  | Deep learning                                                             | 06/07/2022 | 3.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  |    |
| 46 | Moumita Ghosh        | XXXXXXXX75M | NA | Ph.D   | Jadavpur University                                           | Data Mining: Pattern recognition, data analysis, and predictive modeling. | 07/06/2021 | 4.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                           |            |    |        |                                                               |                                                                                    |            |      |                     |                     |  |         |     |  |    |
|----|---------------------------|------------|----|--------|---------------------------------------------------------------|------------------------------------------------------------------------------------|------------|------|---------------------|---------------------|--|---------|-----|--|----|
| 47 | Sanskriti Nandi           | XXXXXXX83N | NA | M.Tech | Jadavpur University                                           | DBMS, Software Engg                                                                | 01/07/2024 | 1.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  |    |
| 48 | Dhriti Chakraborty        | XXXXXXX74A | NA | M.Tech | Jadavpur University                                           | Data Science: Data analysis, machine learning, and statistical modeling.           | 02/01/2023 | 3.4  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 49 | Bilash Halder             | XXXXXXX69F | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Algorithms, Software Engg                                                          | 15/12/2022 | 3.4  | Assistant Professor | Assistant Professor |  | Regular | Yes |  |    |
| 50 | Suman Kumar Bhattacharyya | XXXXXXX46G | NA | Ph.D   | Indian Institute of Technology, Dhanbad                       | Computer Networking: Network protocols, security, and communication systems.       | 28/12/2022 | 3.4  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 51 | Shyamashis Sarkar         | XXXXXXX40C | NA | M.Tech | The University of Burdwan                                     | Machine Learning: Deep learning, and neural networks Adversarial machine learning. | 06/06/2022 | 3.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 52 | Pritusna Banik            | XXXXXXX37R | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Image processing, DBMS                                                             | 16/07/2024 | 1.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |  |    |
| 53 | Dipayan Das               | XXXXXXX33E | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Supervised learning, deep learning, and neural networks.                           | 01/08/2023 | 2.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |

|    |                        |            |    |        |                                                               |                                                                         |            |      |                     |                     |  |         |     |  |    |
|----|------------------------|------------|----|--------|---------------------------------------------------------------|-------------------------------------------------------------------------|------------|------|---------------------|---------------------|--|---------|-----|--|----|
| 54 | Partha Guha            | XXXXXXX45Q | NA | M.Tech | Jadavpur University                                           | Anomaly detection, Text analysis, Text mining, Web mining.              | 01/08/2023 | 2.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 55 | Chandreyee Chakraborty | XXXXXXX96A | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Algorithms, Artificial Intelligence                                     | 16/08/2024 | 1.8  | Assistant Professor | Assistant Professor |  | Regular | Yes |  |    |
| 56 | Prasenjit Chatterjee   | XXXXXXX74G | NA | M.Tech | Jadavpur University                                           | Advanced DBMS: Database optimization                                    | 03/06/2024 | 1.11 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 57 | Farhat Anjum           | XXXXXXX09G | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Advanced DBMS: distributed systems.                                     | 03/06/2024 | 1.11 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 58 | Karobi Sarkar          | XXXXXXX90R | NA | M.Tech | Jadavpur University                                           | Artificial Intelligence, Machine learning                               | 10/06/2024 | 1.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  |    |
| 59 | Bibhab Chakraborty     | XXXXXXX61J | NA | M.Tech | University of Calcutta                                        | Data Science: Data analysis, machine learning, and statistical modeling | 04/06/2024 | 1.11 | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 60 | Tania Chakraborty      | XXXXXXX06R | NA | M.Tech | University of Calcutta                                        | Business Analytics: Data-driven decision making.                        | 08/07/2024 | 1.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |  | No |
| 61 | Ankita Barua           |            | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Block chain with Federated Learning                                     | 20/06/2025 | 0.10 | Assistant Professor | Assistant Professor |  | Regular | Yes |  |    |

|    |                     |            |    |        |                                                                 |                                          |            |      |                     |                     |  |         |     |            |    |
|----|---------------------|------------|----|--------|-----------------------------------------------------------------|------------------------------------------|------------|------|---------------------|---------------------|--|---------|-----|------------|----|
| 62 | Debabrata Maity     | XXXXXXX35N | NA | M.Tech | University of Calcutta                                          | Machine Learning, Data Mining            | 19/02/2025 | 1.2  | Assistant Professor | Assistant Professor |  | Regular | Yes |            | No |
| 63 | Subrata Nandi       | XXXXXXX16C | NA | M.Tech | University of Calcutta                                          | NLP, Machine learning                    | 02/08/2023 | 2.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |            |    |
| 64 | Ira Nath            | XXXXXXX94B | NA | Ph.D   | Indian Institute of Engineering Science and Technology, Shibpur | Mobile Ad hoc networks, Network security | 01/08/2025 | 0.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |            | No |
| 65 | Arpita Chaudhuri    | XXXXXXX80H | NA | M.Tech | University of Calcutta                                          | Data Mining: Predictive modeling         | 01/08/2025 | 0.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |            | No |
| 66 | Debmani Saha        | XXXXXXX76I | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal   | WSN, Cloud Computing                     | 05/09/2022 | 1.9  | Assistant Professor | Assistant Professor |  | Regular | No  | 29/06/2024 | No |
| 67 | Hindol Bhattacharya | XXXXXXX12K | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal   | Machine Learning, Image Processing       | 18/07/2022 | 1.11 | Assistant Professor | Assistant Professor |  | Regular | No  | 29/06/2024 | No |
| 68 | Anilavo Chatterjee  |            | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal   | Image Processing                         | 15/07/2024 | 1.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |            | No |
| 69 | Chumki Sil          | XXXXXXX12M | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal   | Machine Learning, Image processing       | 01/08/2025 | 0.9  | Assistant Professor | Assistant Professor |  | Regular | Yes |            | No |

|    |                       |            |    |        |                                                               |                                    |            |      |                     |                     |            |         |     |  |    |
|----|-----------------------|------------|----|--------|---------------------------------------------------------------|------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 70 | Souptik Biswas        |            | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | IoT, Machine Learning              | 03/07/2024 | 1.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 71 | Sanniddha Chakraborty | XXXXXXX12R | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | IoT, Machine Learning              | 07/08/2024 | 1.8  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 72 | Manas Goswami         | XXXXXXX98J | NA | Ph.D   | University of Calcutta                                        | Machine Learning, Cyber Security   | 01/07/2025 | 0.10 | Professor           | Professor           | 01/07/2025 | Regular | Yes |  | No |
| 73 | Koulik Ghosh          | XXXXXXX72J | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | IoT, Machine Learning              | 07/08/2024 | 1.8  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 74 | Indrani Mukherjee     | XXXXXXX95G | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Cloud computing, DevOps            | 09/08/2024 | 1.8  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 75 | Pradip Paul           | XXXXXXX81C | NA | Ph.D   | University of Calcutta                                        | Machine Learning, Image processing | 03/07/2023 | 2.10 | Professor           | Professor           | 03/07/2023 | Regular | Yes |  | No |
| 76 | Sagarika Chowdhury    | XXXXXXX07C | NA | Ph.D   | University of Calcutta                                        | Machine Learning, Bioinformatics   | 23/08/2005 | 20.8 | Assistant Professor | Associate Professor | 01/07/2024 | Regular | Yes |  | No |
| 77 | Arvin Bera            | XXXXXXX91D | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Machine Learning, Image Processing | 03/08/2024 | 1.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                    |            |    |        |                                                               |                                    |            |      |                     |                     |            |         |     |  |    |
|----|--------------------|------------|----|--------|---------------------------------------------------------------|------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 78 | Safikureshi Mondal | XXXXXXX99C | NA | Ph.D   | Jadavpur University                                           | Machine Learning, Smart healthcare | 14/02/2011 | 15.2 | Assistant Professor | Associate Professor | 01/02/2021 | Regular | Yes |  | No |
| 79 | Argha Mridha       | XXXXXXX62F | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | IoT, Machine Learning              | 02/01/2025 | 1.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 80 | Rahul Das Gupta    |            | NA | Ph.D   | Indian Institute of Technology, Kharagpur                     | Machine Learning, Image Processing | 08/06/2022 | 3.10 | Associate Professor | Associate Professor | 08/06/2022 | Regular | Yes |  | No |
| 81 | Anirban Basak      | XXXXXXX33F | NA | M.Tech | West Bengal University of Technology                          | Machine Learning, Image processing | 05/02/2021 | 5.2  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 82 | Pratima Chatterjee | XXXXXXX61C | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Machine Learning, Image processing | 10/08/2022 | 3.8  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 83 | Dipanjana Ghosh    | XXXXXXX87R | NA | Ph.D   | National Institute of Technology, Durgapur                    | Machine Learning, Image processing | 02/08/2024 | 1.9  | Associate Professor | Associate Professor | 02/08/2024 | Regular | Yes |  |    |
| 84 | Anindan Mondal     |            | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | WSN, Cloud computing               | 02/08/2023 | 2.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 85 | Samir Pramanick    | XXXXXXX35E | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Cyber security                     | 10/02/2021 | 5.2  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|    |                   |           |    |        |                                                                 |                                    |            |      |                     |                     |            |         |     |  |    |
|----|-------------------|-----------|----|--------|-----------------------------------------------------------------|------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|--|----|
| 86 | Joy Mondal        | XXXXXX92E | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal   | WSN, Cloud computing               | 08/07/2025 | 0.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 87 | Tamal Deb         | XXXXXX44J | NA | M.Tech | Kalinga University                                              | WSN, Cloud computing               | 14/07/2025 | 0.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 88 | Sanjib Ghosh      | XXXXXX33F | NA | M.Tech | Jadavpur University                                             | Internet technology                | 07/06/2024 | 1.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 89 | Suman Halder      | XXXXXX91G | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal   | WSN, Cloud computing               | 01/07/2025 | 0.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 90 | Pubali Maiti      | XXXXXX27C | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal   | Machine Learning                   | 01/07/2025 | 0.10 | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 91 | Debasish Das      |           | NA | Ph.D   | Kalinga University                                              | Cyber security, machine learning   | 20/06/2024 | 1.10 | Assistant Professor | Associate Professor | 01/07/2025 | Regular | Yes |  | No |
| 92 | Moumita Mitra     | XXXXXX67P | NA | Ph.D   | Indian Institute of Engineering Science and Technology, Shibpur | Machine Learning, Image processing | 01/08/2025 | 0.9  | Associate Professor | Associate Professor | 01/08/2025 | Regular | Yes |  | No |
| 93 | Subal Das         | XXXXXX20V | NA | Ph.D   | University of Calcutta                                          | Machine Learning, Image processing | 30/07/2025 | 0.9  | Associate Professor | Associate Professor | 30/07/2025 | Regular | Yes |  | No |
| 94 | Anasuya Sengupta  | XXXXXX08N | NA | M.Tech | The University of Burdwan                                       | Computer Networking                | 04/08/2022 | 3.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |
| 95 | Arnab Chakraborty |           | NA | M.Tech | Jadavpur University                                             | IoT, Machine Learning              | 10/07/2024 | 1.9  | Assistant Professor | Assistant Professor |            | Regular | Yes |  | No |

|     |                  |            |    |        |                                                               |                                                                         |            |      |                     |                     |            |         |     |            |    |
|-----|------------------|------------|----|--------|---------------------------------------------------------------|-------------------------------------------------------------------------|------------|------|---------------------|---------------------|------------|---------|-----|------------|----|
| 96  | Tanusree Bhadra  | XXXXXXX41N | NA | M.Tech | West Bengal University of Technology                          | Computer Networking                                                     | 19/12/2019 | 6.4  | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 97  | Sudeshna Dey     | XXXXXXX16Q | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | IoT, Machine Learning                                                   | 03/11/2020 | 5.6  | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 98  | Ashya Khatoon    | XXXXXXX06N | NA | M.Tech | Maulana Abul Kalam Azad University of Technology, West Bengal | Machine Learning, Image processing                                      | 03/11/2020 | 5.6  | Assistant Professor | Assistant Professor |            | Regular | Yes |            | No |
| 99  | Amrita Namtirtha | XXXXXXX65F | NA | Ph.D   | National Institute of Technology, Durgapur                    | Big Data and Data analytic                                              | 03/08/2024 | 1.9  | Professor           | Professor           | 03/08/2024 | Regular | Yes |            | No |
| 100 | Mallika De       | XXXXXXX78P | NA | Ph.D   | Jadavpure University                                          | Machine Learning: AI algorithms, data modeling, and predictive analysis | 28/07/2020 | 4.10 | Professor           | Professor           | 28/07/2020 | Regular | No  | 03/06/2025 |    |

## C2. Student-Faculty Ratio (SFR)

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

UG1=1st UG program

UGn=nth UG program

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

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

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

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

PG1=1st PG program.

PGm=mth PG program

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

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

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

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

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

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

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

No. of UG Programs in the Department1 No. of PG Programs in the Department1  
Table No.C2.1: Student-faculty ratio.

| Description                                                                                   | CAY(2025-26) | CAYm1 (2024-25) | CAYm2 (2023-24) |
|-----------------------------------------------------------------------------------------------|--------------|-----------------|-----------------|
| UG1.B                                                                                         | 264          | 264             | 198             |
| UG1.C                                                                                         | 264          | 198             | 198             |
| UG1.D                                                                                         | 198          | 198             | 198             |
| <b>UG1: Computer Science and Engineering</b>                                                  | <b>726</b>   | <b>660</b>      | <b>594</b>      |
| UG2.B                                                                                         | 31           | 31              | 0               |
| UG2.C                                                                                         | 31           | 0               | 0               |
| UG2.D                                                                                         | 0            | 0               | 0               |
| <b>UG2: Electronics and Computer Science</b>                                                  | <b>62</b>    | <b>31</b>       | <b>0</b>        |
| UG3.B                                                                                         | 198          | 198             | 126             |
| UG3.C                                                                                         | 198          | 126             | 132             |
| UG3.D                                                                                         | 126          | 132             | 132             |
| <b>UG3: Information Technology</b>                                                            | <b>522</b>   | <b>456</b>      | <b>390</b>      |
| UG4.B                                                                                         | 61           | 61              | 61              |
| UG4.C                                                                                         | 61           | 61              | 61              |
| UG4.D                                                                                         | 61           | 61              | 0               |
| <b>UG4: Computer Science &amp; Technology</b>                                                 | <b>183</b>   | <b>183</b>      | <b>122</b>      |
| UG5.B                                                                                         | 63           | 60              | 0               |
| UG5.C                                                                                         | 60           | 0               | 0               |
| UG5.D                                                                                         | 0            | 0               | 0               |
| <b>UG5: Computer Science and Engineering (Data Science)</b>                                   | <b>123</b>   | <b>60</b>       | <b>0</b>        |
| UG6.B                                                                                         | 198          | 198             | 132             |
| UG6.C                                                                                         | 198          | 132             | 66              |
| UG6.D                                                                                         | 132          | 66              | 0               |
| <b>UG6: Computer Science and Engineering (Artificial Intelligence &amp; Machine Learning)</b> | <b>528</b>   | <b>396</b>      | <b>198</b>      |
| UG7.B                                                                                         | 63           | 63              | 63              |
| UG7.C                                                                                         | 63           | 63              | 63              |
| UG7.D                                                                                         | 63           | 63              | 0               |
| <b>UG7: Computer Science and Business Systems</b>                                             | <b>189</b>   | <b>189</b>      | <b>126</b>      |
| PG1.A                                                                                         | 18           | 18              | 18              |
| PG1.B                                                                                         | 18           | 18              | 18              |

| Description                                                                         | CAY(2025-26)       | CAYm1 (2024-25)    | CAYm2 (2023-24)    |
|-------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|
| <b>PG1: Computer Science and Engineering</b>                                        | <b>36</b>          | <b>36</b>          | <b>36</b>          |
| DS=Total no. of students in all UG and PG programs in the Department                | 762                | 696                | 630                |
| AS=Total no. of students of all UG and PG programs in allied departments            | 1607               | 1315               | 836                |
| S=Total no. of students in the Department (DS) and allied departments (AS)          | <b>S1= 2369</b>    | <b>S2= 2011</b>    | <b>S3= 1466</b>    |
| DF=Total no. of faculty members in the Department                                   | 47                 | 42                 | 38                 |
| AF= Total no. of faculty members in the allied Departments                          | 97                 | 77                 | 48                 |
| F=Total no. of faculty members in the Department (DF) and allied Departments (AF)   | <b>F1= 144</b>     | <b>F2= 119</b>     | <b>F3= 86</b>      |
| FF=The faculty members in F who have a 100% teaching load in the first-year courses | 0                  | 0                  | 0                  |
| Student Faculty Ratio (SFR)=S/(F-FF)                                                | <b>SFR1= 16.45</b> | <b>SFR2= 16.90</b> | <b>SFR3= 17.05</b> |
| Average SFR for 3 years                                                             | <b>SFR= 16.80</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 x [(10X + 4Y) / RF ] |
|----------------|----|----|--------|-------------------------------|
| 2025-26(CAY)   | 49 | 95 | 118.00 | 18.43                         |
| 2024-25(CAYm1) | 39 | 80 | 100.00 | 17.75                         |
| 2023-24(CAYm2) | 25 | 61 | 73.00  | 16.92                         |

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = 1/9 \* 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 \* 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 \* 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 | 13.00        | 17.00         | 26.00                | 29.00         | 78.00                | 98.00         |
| 2024-25 | 11.00        | 12.00         | 22.00                | 22.00         | 67.00                | 85.00         |

|         |           |           |           |           |           |           |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2023-24 | 8.00      | 9.00      | 16.00     | 12.00     | 48.00     | 65.00     |
| Average | RF1=10.67 | AF1=12.67 | RF2=21.33 | AF2=21.00 | RF2=64.33 | AF2=82.67 |

**C5. Visiting/Adjunct Faculty/Professor of Practice**

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

**(CAYm1)**

| S.No | Name of the Person      | Designation           | Organization                        | Name of the Course                 | No. of hours handled |
|------|-------------------------|-----------------------|-------------------------------------|------------------------------------|----------------------|
| 1    | Dr. Arundhati Mishra    | Former Group Director | ISRO                                | Machine Learning                   | 50.00                |
| 2    | Mr. Sujoy Palit         | Solution Architect    | Ericsson Global Services India Ltd. | Machine Learning                   | 10.00                |
| 3    | Mr. Atanu Roy Chowdhury | Founder               | Gapcrud Private Limited             | Introduction to Internet of Things | 22.00                |
| 4    | Mr. Rahul Dutta         | Executive Director    | PWC                                 | Database Management System         | 14.00                |
| 5    | Dr. Prabir Aditya       | Director              | Spring & River                      | Web Technology                     | 6.00                 |
| 6    | Dr. Tirthankar Dasgupta | Senior Scientist      | TCS Research                        | Natural Language Processing        | 19.00                |

**(CAYm2)**

| S.No | Name of the Person      | Designation           | Organization                        | Name of the Course                 | No. of hours handled |
|------|-------------------------|-----------------------|-------------------------------------|------------------------------------|----------------------|
| 1    | Dr. Arundhati Mishra    | Former Group Director | ISRO                                | Machine Learning                   | 46.00                |
| 2    | Mr. Sujoy Palit         | Solution Architect    | Ericsson Global Services India Ltd. | Machine Learning                   | 5.00                 |
| 3    | Mr. Atanu Roy Chowdhury | Founder               | Gapcrud Private Limited             | Introduction to Internet of Things | 25.00                |
| 4    | Mr. Rahul Dutta         | Executive Director    | PWC                                 | Database Management System         | 4.00                 |
| 5    | Dr. Tirthankar Dasgupta | Senior Scientist      | TCS Research                        | Natural Language Processing        | 16.00                |

**(CAYm3)**

| S.No | Name of the Person      | Designation           | Organization                        | Name of the Course                 | No. of hours handled |
|------|-------------------------|-----------------------|-------------------------------------|------------------------------------|----------------------|
| 1    | Dr. Arundhati Mishra    | Former Group Director | ISRO                                | Machine Learning                   | 38.00                |
| 2    | Mr. Sujoy Palit         | Solution Architect    | Ericsson Global Services India Ltd. | Machine Learning                   | 5.00                 |
| 3    | Mr. Atanu Roy Chowdhury | Founder               | Gapcrud Private Limited             | Introduction to Internet of Things | 18.00                |
| 4    | Mr. Rahul Dutta         | Executive Director    | PWC                                 | Database Management System         | 12.00                |
| 5    | Dr. Tirthankar Dasgupta | Senior Scientist      | TCS Research                        | Natural Language Processing        | 12.00                |

**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    | 11 | 10 | 3 |
| 2 | No. of peer reviewed conference papers published | 39 | 21 | 2 |
| 3 | No. of books/book chapters published             | 14 | 12 | 7 |

**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 |
|---------------------------|--------------------|------------------------------------------------|-----------------------------------------------------|---------------------------------|-------------------------|--------------------------------------|
| DR. MD. ASHIFUDDIN MONDAL | N/A                | CSE                                            | Air Quality Monitoring Network for Urban Areas      | EnviroLogic Solutions Pvt. Ltd. | 1 Yr                    | 215000.00                            |
| DR. SUBHRAM DAS           | N/A                | CSE                                            | Advanced Servo Drive for CNC Machine Tools          | ServoTech Dynamics Pvt. Ltd.    | 1 Yr                    | 340000.00                            |
| ANUKUL MAITY              | N/A                | CSE                                            | Motion Control Algorithms for Precision Positioning | SmartAxis Technologies Pvt. Ltd | 1 Yr                    | 230000.00                            |
|                           |                    |                                                |                                                     |                                 |                         | Amount received<br>(Rs.):785000.00   |

**(CAYm2)**

| PI Name          | Co-PI names if any | Name of the Dept., where project is sanctioned | Project Title*                                       | Name of the Funding agency | Duration of the project | Amount(Lacs)<br>i.e. 15,25,000=15.25 |
|------------------|--------------------|------------------------------------------------|------------------------------------------------------|----------------------------|-------------------------|--------------------------------------|
| Mr. Anukul Maity | N/A                | CSE                                            | Development of Quantum Algorithms for data security  | BluePeak Engineers         | 1 Yr                    | 102400.00                            |
| Dr. Papri Ghosh  | N/A                | CSE                                            | Edge Computing for real time Industrial Applications | ProGrid Tech Ventures      | 1 Yr                    | 205900.00                            |
| Dr. Pushpita Roy | N/A                | CSE                                            | Blockchain Based Land Registration Systems           | Astra Engineering Works    | 1 Yr                    | 203500.00                            |
|                  |                    |                                                |                                                      |                            |                         | Amount received<br>(Rs.):511800.00   |

**(CAYm3)**

| PI Name         | Co-PI names if any | Name of the Dept., where project is sanctioned | Project Title*                                                                  | Name of the Funding agency | Duration of the project | Amount(Lacs)<br>i.e. 15,25,000=15.25 |
|-----------------|--------------------|------------------------------------------------|---------------------------------------------------------------------------------|----------------------------|-------------------------|--------------------------------------|
| Dr. Sourav Saha | N/A                | CSE                                            | Sentiment Analyser                                                              | KRG Computer Pvt. Ltd.     | 1 Yr                    | 170000.00                            |
| Dr. Subhram Das | N/A                | CSE                                            | Detection of fake profiles                                                      | MTA Learning               | 1 Yr                    | 152000.00                            |
| Dr. Papri Ghosh | N/A                | CSE                                            | AIR-IOT: Smart Airport Dwell Time Manageme nt Systems with Touch Point Tracking | Perfectice Eduventure      | 1 Yr                    | 82000.00                             |
|                 |                    |                                                |                                                                                 |                            |                         | Amount received (Rs.):404000.00      |

**Total Amount (Lacs) Received for the Past 3 Years: 1700800.00****Note\*:**

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

**C8. Consultancy Work**

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

**(CAYm1)**

| PI Name                 | Co-PI names if any | Name of the Dept., where project is sanctioned | Project Title*                                                                  | Name of the Funding agency      | Duration of the project | Amount(Lacs)<br>i.e. 15,25,000=15.25 |
|-------------------------|--------------------|------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|-------------------------|--------------------------------------|
| DR. PAPRI GHOSH         | N/A                | CSE                                            | Data Analytics Framework for Predictive Maintenance of Electrical Assets        | OmniSense Analytics Pvt. Ltd.   | 1Yr                     | 3.96                                 |
| DR. SOURAV SAHA         | N/A                | CSE                                            | Control Strategy Development for Automatic Power Factor Correction Systems      | Optima Power Controls Pvt. Ltd. | 1Yr                     | 2.85                                 |
| DR. SANJAY GOSWAMI      | N/A                | CSE                                            | Consultancy on AI-Based Predictive Analytics and Intelligent Software Solutions | ABC Technologies Pvt. Ltd.      | 1Yr                     | 1.57                                 |
| MS. DEBJANI CHAKRABORTY | N/A                | CSE                                            | Consultancy on Intelligent Data Analytics and Web-Based Software Solutions      | Webel Technology Limited        | 1Yr                     | 1.60                                 |
|                         |                    |                                                |                                                                                 |                                 |                         | Amount received (Rs.):9.98           |

**(CAYm2)**

| PI Name                   | Co-PI names if any | Name of the Dept., where project is sanctioned | Project Title*                                    | Name of the Funding agency       | Duration of the project | Amount(Lacs)<br>i.e. 15,25,000=15.25 |
|---------------------------|--------------------|------------------------------------------------|---------------------------------------------------|----------------------------------|-------------------------|--------------------------------------|
| DR. PUSHPITA ROY          | N/A                | CSE                                            | Developing a Smart Walking Stick for Blind People | Siyatech Ltd.                    | 1 Yr                    | 1.50                                 |
| MS. JAYITA PAL            | N/A                | CSE                                            | Breast Cancer Detection using CNN                 | M/S ESL Ltd.                     | 2 Yr                    | 0.85                                 |
| DR. MD. ASHIFUDDIN MONDAL | N/A                | CSE                                            | Brain Tumor Detection using Deep Learning         | M/S ESL Ltd.                     | 1 Yr                    | 1.20                                 |
| DR. SOURAV SAHA           | N/A                | CSE                                            | Development of a Cloud-Based LMS                  | Protiviti India Member Pvt. Ltd. | 1 Yr                    | 1.54                                 |
|                           |                    |                                                |                                                   |                                  |                         | Amount received (Rs.):5.09           |

**(CAYm3)**

| PI Name             | Co-PI names if any | Name of the Dept., where project is sanctioned | Project Title*                                                   | Name of the Funding agency       | Duration of the project | Amount(Lacs)<br>i.e. 15,25,000=15.25 |
|---------------------|--------------------|------------------------------------------------|------------------------------------------------------------------|----------------------------------|-------------------------|--------------------------------------|
| DR. SOURAV SAHA     | N/A                | CSE                                            | Development of a Web-Based Student Performance Analytics System  | Protiviti India Member Pvt. Ltd. | 1 Yr                    | 1.27                                 |
| MS. ANANYA BANERJEE | N/A                | CSE                                            | Consultancy for AI-Based Data Analytics and Software Development | ABC Technologies Pvt. Ltd.       | 1 Yr                    | 1.32                                 |
|                     |                    |                                                |                                                                  |                                  |                         | Amount received (Rs.):2.59           |

**Total amount (Lacs) received for the past 3 years: 17.66****Note\*:**

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

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

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

(CAYm1)

| Faculty name              | Project title/ Support for Activity                                                                  | Duration of the project | Amount(Lacs)<br>i.e. 15,25,000=15.25 | Amount Utilized(Lacs)<br>i.e. 15,25,000=15.25 | Outcomes of the project                                                                                                                                                                                                                     |
|---------------------------|------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dr. Papri Ghosh           | Machine Learning-Powered Insights: A Comprehensive Survey on PCOS Detection and Diagnosis            | 12 Months               | 0.55                                 | 0.54                                          | <a href="https://doi.org/10.1007/978-3-031-81342-9_28?urlappend=%3Futm_source%3Dresearchgate.net%26utm_medium%3Darticle">https://doi.org/10.1007/978-3-031-81342-9_28?urlappend=%3Futm_source%3Dresearchgate.net%26utm_medium%3Darticle</a> |
| Dr. Sourav Saha           | A Two Stage Low-Resolution Satellite Image Analysis Framework for Detection of Densely Built-up Area | 12 Months               | 0.65                                 | 0.63                                          | <a href="https://doi.org/10.1007/978-981-96-3287-9_28?urlappend=%3Futm_source%3Dresearchgate.net%26utm_medium%3Darticle">https://doi.org/10.1007/978-981-96-3287-9_28?urlappend=%3Futm_source%3Dresearchgate.net%26utm_medium%3Darticle</a> |
| Mrinmoy Guria             | Automatic Speech Recognition                                                                         | 12 Months               | 0.33                                 | 0.30                                          | <a href="https://doi.org/10.1109/ICCECE61355.2025.10940301">https://doi.org/10.1109/ICCECE61355.2025.10940301</a>                                                                                                                           |
| Dr. Md. Ashifuddin Mondal | Traffic Density Prediction System using Deep Learning                                                | 12 Months               | 0.32                                 | 0.32                                          | <a href="https://doi.org/10.1109/ICDSIS61070.2024.10594660">https://doi.org/10.1109/ICDSIS61070.2024.10594660</a>                                                                                                                           |
| Dr. Pushpita Roy          | Enhancing Security and Efficiency with smart surveillance using Machine Learning                     | 12 Months               | 0.47                                 | 0.46                                          | <a href="https://doi.org/10.1201/9781003517689">https://doi.org/10.1201/9781003517689</a>                                                                                                                                                   |
| Ms. Debjani Chakraborty   | Bill safe: intelligent forgery detection with CNN and upgrade sand cat swarm optimization            | 12 Months               | 0.36                                 | 0.36                                          | <a href="http://doi.org/10.1007/s10791-025-09602-5">http://doi.org/10.1007/s10791-025-09602-5</a>                                                                                                                                           |
| Ms. Prianka Dey           | Job Candidate Eligibility Prediction                                                                 | 12 Months               | 0.33                                 | 0.33                                          | <a href="https://doi.org/10.1109/CONIT61985.2024.10625937">https://doi.org/10.1109/CONIT61985.2024.10625937</a>                                                                                                                             |
| Mr. Avishek Nath          | Optimizing Apple cultivation in West Bengal                                                          | 12 Months               | 0.42                                 | 0.42                                          | <a href="https://doi.org/10.1109/ICEPE65965.2025.11139805">https://doi.org/10.1109/ICEPE65965.2025.11139805</a>                                                                                                                             |
|                           |                                                                                                      |                         | Amount received (Rs.): 3.43          |                                               |                                                                                                                                                                                                                                             |

(CAYm2)

| Faculty name              | Project title/ Support for Activity                                                      | Duration of the project | Amount(Lacs)<br>i.e. 15,25,000=15.25 | Amount Utilized(Lacs)<br>i.e. 15,25,000=15.25 | Outcomes of the project                                                                                                                     |
|---------------------------|------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Dr. Papri Ghosh           | AI-Powered Personal Health Assistant                                                     | 24 Months               | 0.32                                 | 0.30                                          | 10.1109/ICPCSN58827.2023.00038                                                                                                              |
| Ms. Mousumi Saha          | Breast cancer detection and grading using histological samples                           | 24 Months               | 0.24                                 | 0.22                                          | <a href="https://doi.org/10.1007/s00521-024-10298-9">https://doi.org/10.1007/s00521-024-10298-9</a>                                         |
| Dr. Subhram Das           | Non-Blind and Blind Deconvolution Methodologies in Restoration of Motion-Blurred images, | 24 Months               | 0.35                                 | 0.35                                          | <a href="https://ieeexplore.ieee.org/abstract/document/10919363">https://ieeexplore.ieee.org/abstract/document/10919363</a>                 |
| Dr. Md. Ashifuddin Mondal | Classification of Freshwater Fish Diseases                                               | 24 Months               | 0.31                                 | 0.31                                          | <a href="https://ieeexplore.ieee.org/document/10940962">https://ieeexplore.ieee.org/document/10940962</a>                                   |
| Mr. Shubhendu Banerjee    | Skin Cancer Detection                                                                    | 24 Months               | 0.33                                 | 0.29                                          | <a href="https://doi.org/10.47857/irjms.2025.v06i01.02938">https://doi.org/10.47857/irjms.2025.v06i01.02938</a>                             |
| Ms. Swarnali Daw          | Rating Based Sentiment Analysis on Online Mobile Reviews Using Vader Pre-Processing      | 24 Months               | 0.25                                 | 0.25                                          | <a href="https://link.springer.com/chapter/10.1007/978-981-97-7571-2_21">https://link.springer.com/chapter/10.1007/978-981-97-7571-2_21</a> |
| Ms. Bingshati Mondal      | Integrative disease prediction:A machine learning approach for multi diseases prediction | 24 Months               | 0.29                                 | 0.29                                          | <a href="https://link.springer.com/book/9789819617609">https://link.springer.com/book/9789819617609</a>                                     |
| Mr. Tanmoy Ghosh          | Language Detection for Global Communication                                              | 24 Months               | 0.37                                 | 0.33                                          | <a href="https://doi.org/10.1007/978-981-97-8090-7_35">https://doi.org/10.1007/978-981-97-8090-7_35</a>                                     |
|                           |                                                                                          |                         | Amount received (Rs.):<br>2.46       |                                               |                                                                                                                                             |

(CAYm3)

| Faculty name            | Project title/ Support for Activity                                                             | Duration of the project | Amount(Lacs)<br>i.e. 15,25,000=15.25 | Amount Utilized(Lacs)<br>i.e. 15,25,000=15.25 | Outcomes of the project                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dr. Papri Ghosh         | A Review on Public Acceptance towards New Education Policy in India based on Sentiment Analysis | 12 Months               | 0.33                                 | 0.31                                          | <a href="https://link.springer.com/chapter/10.1007/978-981-97-0744-7_38">https://link.springer.com/chapter/10.1007/978-981-97-0744-7_38</a>                                                                                   |
| Dr. Parthasarathi De    | Advanced Image Dehazing Techniques for Enhanced Text Extraction from Vehicle Number Plates      | 12 Months               | 0.41                                 | 0.37                                          | <a href="https://ieeexplore.ieee.org/abstract/document/10919389/">https://ieeexplore.ieee.org/abstract/document/10919389/</a>                                                                                                 |
| Ms. Debjani Chakraborty | Framework for Automated Validation of Indian Bank Cheques                                       | 12 Months               | 0.29                                 | 0.26                                          | <a href="https://doi.org/10.2478/ias-2024-0011?urlappend=%3Futm_source%3Dresearchgate.net%26utm_medium%3Darticle">https://doi.org/10.2478/ias-2024-0011?urlappend=%3Futm_source%3Dresearchgate.net%26utm_medium%3Darticle</a> |
| Mr. Shubhendu Banerjee  | A Pentagonal Neutrosophic TODIM Approach for Multi-Criteria Decision-Making in Digital Banking  | 12 Months               | 0.24                                 | 0.23                                          | 10.47857/irjms.2024.v06i02.03108                                                                                                                                                                                              |
| Mr. Anukul Maity        | Finding the Straight Skeleton for 3D Orthogonal Polyhedrons: A Combinatorial Approach           | 12 Months               | 0.32                                 | 0.32                                          | 10.1007/978-3-031-63735-3_12                                                                                                                                                                                                  |
| Ms. Sudeshna Dey        | A New Method for Protein Sequence Comparison Using Chaos Game Representation                    | 12 Months               | 0.25                                 | 0.22                                          | <a href="https://link.springer.com/chapter/10.1007/978-981-99-6553-3_30">https://link.springer.com/chapter/10.1007/978-981-99-6553-3_30</a>                                                                                   |
| Mr. Tanmoy Ghosh        | A Review on Analysis for Responsive Intentional Assessment                                      | 12 Months               | 0.30                                 | 0.30                                          | <a href="https://doi.org/10.1063/5.0309353">https://doi.org/10.1063/5.0309353</a>                                                                                                                                             |
| Dr. Biswajit Halder     | Recognition of Courtesy-Amount in Bank-Cheque Image                                             | 12 Months               | 0.37                                 | 0.34                                          | 10.1007/978-3-031-64776-5_8                                                                                                                                                                                                   |
|                         |                                                                                                 |                         | Amount received (Rs.): 2.51          |                                               |                                                                                                                                                                                                                               |

Total amount (Lacs) received for the past 3 years : 8.40

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      | DBMS Lab (316F)        | 35                                        | PC: A) Dell Vostro 3470 -Intel Core i3 (8th Gen)-31 Units B) Dell Vostro 3268 -Intel Core i3 (7thGen)-3 Units C) HP Dc7400 AP Mini Tower 4 Unit Network | Approx. 30 hou                                                           | Ms. Joyita Basak            | Sr. Technical Assistant | Diploma       |

|    |                                        |    |                                                                                                                                                                |                |                  |                         |         |
|----|----------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|-------------------------|---------|
| 2  | Data Structure Lab (316H)              | 35 | PC: Dell Optiplex 3020 Micro -Intel Core i3 (3rdGen)-35 Units Network Switch: 48 port Cisco Managed Edge Switch                                                | Approx. 30 hou | Mr. Sanjoy Gorai | Jr. Technical Assistant | Diploma |
| 3  | Programming Lab – C / Python (316K)    | 35 | PC: (A) Dell Vostro 3710 -Intel Core i7 (12thGen)-35 Units Network Switch: ( A ) 48 port Cisco Managed Edge Switch                                             | Approx. 30 hou | Mr. Manas Pal    | Jr. Technical Assistant | Diploma |
| 4  | Networking Lab (316L)                  | 35 | PC: (A) Dell Vostro 3710-Intel Core i7 (12thGen)-30 Units (B) Acer Desktop G630-Intel Dual Core-5 Units Network Switch: (A) 48 port Cisco Managed Edge         | Approx. 30 hou | Mr. Atanu Sen    | Jr. Technical Assistant | MCA     |
| 5  | Algorithm Lab (316O)                   | 35 | PC: (A) HP Pro 280 G9 -Intel Core i5 (12th Gen)-6 Units (B) Dell Vostro 3471 -Intel Core i5 (9th Gen)-20 Units (C) Dell Vostro 3268 -Intel Core i3 (7th Gen)-3 | Approx. 30 hou | Mr. Suman Pandit | Sr. Technical Assistant | Diploma |
| 6  | Computer Graphics Lab (316F)           | 35 | PC: A) Dell Vostro 3470 -Intel Core i3 (8th Gen)-31 Units B) Dell Vostro 3268 -Intel Core i3 (7th Gen)-3 Units C) HP Pro 280G9 -Intel Core i5 (12th Gen)-6     | Approx. 30 hou | Ms. Joyita Basak | Sr. Technical Assistant | Diploma |
| 7  | AI Lab (316H)                          | 35 | PC: Dell Optiplex 3020 Micro -Intel Core i3 (3rd Gen)-35 Units; Network Switch: 48 port Cisco Managed Edge switch                                              | Approx. 30 hou | Mr. Sanjoy Gorai | Jr. Technical Assistant | Diploma |
| 8  | Programming Lab – OOP with Java (316K) | 35 | PC: (A) Dell Vostro 3710 -Intel Core i7 (12th Gen)-35 Units Network Switch: (A) 48 port Cisco Managed Edge Switch                                              | Approx. 30 hou | Mr. Manas Pal    | Jr. Technical Assistant | Diploma |
| 9  | Software Engineering Lab (316O)        | 35 | PC: (A) HP Pro 280 G9 -Intel Core i5 (12th Gen)-6 Units (B) Dell Vostro 3471 -Intel Core i5 (9th Gen)-20 Units (C) Dell Vostro 3268 -Intel Core i3 (7th Gen)-3 | Approx. 30 hou | Mr. Suman Pandit | Sr. Technical Assistant | Diploma |
| 10 | Web development Lab (316L)             | 35 | PC: (A) Dell Vostro 3710 -Intel Core i7 (12th Gen)-30 Units (B) Acer Desktop G630-Intel Dual Core-5 Units Network Switch: (A) 48 port Cisco Managed Edge       | Approx. 30 hou | Mr. Atanu Sen    | Jr. Technical Assistant | MCA     |
| 11 | M.Tech Lab (316R)                      | 20 | Server: (A) Dell Server Poweredge T40 E2224G -1 Unit PC: (A)HP 280G4-Intel Core i5 (8thGen)-16 Units (B) HP Desktop 380 G4 i5 -4 Units Network Switch: (A)     | Approx. 20 hou | Ms. Mou Ghosh    | Jr. Technical Assistant | Diploma |
| 12 | IoT Lab (414)                          | 35 | DELL PC, UNO R3 Board, Node MCU ESP8266-12-10 Units, Raspberry Pi 5 (8GB)-2 Units, LM 35, DHT 11, DHT 22, Ultrasonic Sensor HC SR04, IR Sensor                 | Approx. 20 hou | Mr. Arup Maity   | Jr. Technical Assistant | Diploma |

## D2. Safety Measures in Laboratories

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

| Sr. No | Laboratory Name                           | Safety Measures                                                                                                    |
|--------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 1      | DBMS Lab and Computer Graphics Lab (316F) | · Miniature circuit breaker (MCB) · Dos and Don'ts Rules · CCTV camera · Fire Extinguisher · Firewall · Antivirus  |
| 2      | Data Structure Lab and AI Lab (316H)      | · Miniature circuit breaker (MCB) · Do's and Don'ts Rules · CCTV camera · Firewall · Fire Extinguisher · Antivirus |

|   |                                                                         |                                                                                                                    |
|---|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 3 | Programming Lab – C / Python and Programming Lab – OOP with Java (316K) | · Miniature circuit breaker (MCB) · Do's and Don'ts Rules · CCTV camera · Firewall · Fire Extinguisher · Antivirus |
| 4 | Networking Lab and Web development Lab (316L)                           | · Miniature circuit breaker (MCB) · Do's and Don'ts Rules · CCTV camera · Fire Extinguisher · Firewall · Antivirus |
| 5 | Algorithm Lab and Software Engineering Lab (316O)                       | · Miniature circuit breaker (MCB) · Do's and Don'ts Rules · CCTV camera · Firewall · Fire Extinguisher · Antivirus |
| 6 | M.Tech Lab (316R)                                                       | · Miniature circuit breaker (MCB) · Do's and Don'ts Rules · CCTV camera · Fire Extinguisher · Firewall · Antivirus |
| 7 | IoT Lab (414)                                                           | · Miniature circuit breaker (MCB) · Do's and Don'ts Rules · CCTV camera · Fire Extinguisher · Firewall · Antivirus |

**D3. Project Laboratory/Research Laboratory**

**A. Availability of Project Laboratories/ Research Laboratories**

Table No. 7.5.A: List of project laboratory/research laboratory

| Sl. No. | Name of the Laboratory |
|---------|------------------------|
| 1.      | Project Lab (314)      |

**B. Availability of Centre of Excellence**

Table No. 7.5.B: List of project Centre of Excellence.

| Sl. No. | Name of the Laboratory            |
|---------|-----------------------------------|
| 1.      | Centre of Excellence<br>Apple Lab |

**Objectives**

The APPLE iOS Lab, Centre of Excellence aims to bridge the gap between academic learning and industry-demanded computing skills.

The Centre provides students with hands-on experience for developing user-friendly Mobile Application using Swift and iOS concepts.

Key objectives include:

- Developing skills in designing and building interactive mobile applications for iPhones and iPads
- Understanding the structure of iOS application, including components like views, view controllers, storyboards and navigation.
- Provide a platform to integrate User Interface (UI) and User experience (UX) design principles in mobile app development.
- Apply programming concepts such as object-oriented programming, event handling and data persistence in mobile app development.
- Encouraging creativity and problem-solving.
- Promote teamwork and collaboration on through group-based app development activities.
- Prepare students for real-world mobile app projects and prototype through mini-projects and prototype app creation

The following table summarizes the workshops conducted at the Apple Lab for students and faculty:

| Name of the workshop                                                     | Date/Period | Resource person                                  | No. of Participants |
|--------------------------------------------------------------------------|-------------|--------------------------------------------------|---------------------|
| Hands-on Workshop on iOS App Development using Swift (Student)           | 15.09.2025  | Mr. Arindam Sengupta,<br>Apple Certified Trainer | 45                  |
| Workshop on macOS Application Development & Xcode Fundamentals (Student) | 10.12.2025  | Ms. Priya Mukherjee,<br>iOS Solutions Architect  | 40                  |

|                                                                                      |            |                                                    |    |
|--------------------------------------------------------------------------------------|------------|----------------------------------------------------|----|
| Faculty Development Workshop on Apple Ecosystem for Curriculum Integration (Faculty) | 20.01.2026 | Dr. Subrata Banerjee, Apple Distinguished Educator | 18 |
|--------------------------------------------------------------------------------------|------------|----------------------------------------------------|----|

The Apple Lab (Centre of Excellence) has conducted two batches of the Apple Training Program — "*Learning the Apple Universe*" — for CSE 2nd Year (3rd Semester) students, covering 4 students each. The sessions introduced participants to the Apple ecosystem, including macOS, iOS, Xcode, and Swift, building a foundation for industry-level application development. The table below summarizes these training records.

**Student Training Records – Apple Lab (Centre of Excellence)**

| Name of Student(s)                                     | Project                | Date       | Title                       | Project Scope                                                                                                                                                                                            | Co-ordinator  |
|--------------------------------------------------------|------------------------|------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| CSE 2nd Year, 3rd Semester (4 Students, Batch 2024–28) | Apple Training Program | 10.09.2025 | Learning the Apple Universe | Introduction to the Apple ecosystem (macOS, iOS, Xcode, Swift); Apples design philosophy and app development lifecycle; hands-on exposure preparing students for industry-level application development. | Anukul Maity  |
| CSE 2nd Year, 3rd Semester (4 Students, Batch 2024–28) | Apple Training Program | 24.09.2025 | Learning the Apple Universe | Introduction to the Apple ecosystem (macOS, iOS, Xcode, Swift); Apples design philosophy and app development lifecycle; hands-on exposure preparing students for industry-level application development. | Mrinmoy Guria |

**C. Utilization of Project Laboratories/ Research Laboratory/ Centre of Excellence**

Table No.7.5.C: Utilization of project laboratory/research laboratory/Centre of Excellence.

| S. N. | Name of the Lab | Utilization |
|-------|-----------------|-------------|
|-------|-----------------|-------------|

|    |                                |                                          |
|----|--------------------------------|------------------------------------------|
| 1. | Project Lab (314)              | Research paper, patent, copyright, award |
| 2. | Centre of Excellence Apple Lab | Beyond curriculum training               |

**D. Relevance to POs/ PSOs**

Table No.7.5.D: Relevance to POs/PSOs

| S. N. | Name of the Lab                | Relevance to POs/ PSOs                           |
|-------|--------------------------------|--------------------------------------------------|
| 1.    | Project Lab (314)              | PO1, PO2, PO3, PO5, PO10, PO11, PSO1, PSO2, PSO3 |
| 2.    | Centre of Excellence Apple Lab | PO1, PO2, PO3, PO5, PO10, PO11, PSO1, PSO2, PSO3 |

**Project and Research facilities for students:**

1. Students carried out their project and research work using updated equipment available in the laboratories.
2. All laboratories are equipped with licensed software including MATLAB, Oracle, Mathematica, Turnitin, etc.
3. Students can explore their hardware knowledge by using old/non-working CPU and other hardware devices, before sending the e-waste.
4. The students have E-learning facilities for their self-learning purpose and access to a free digital library to access e- books and e-journals from the library.
5. The students can access e-books, e-journals, e-learning course materials (like. NPTEL etc.) through LAN connected with FTP server.
6. Students can access modernization labs beyond college working hours for innovation.
7. Overhead projection system for class demonstration / training program, project presentation and/or presentation in Lab sessions.
8. Funding for filing and Publishing patents.
9. Management funded research and innovation promotion schemes.
10. Training for writing papers.
11. Incentives for publication.
12. Students can access Turnitin software for a student project.
13. Students can avail IEEE subscriptions through membership in different student chapters.

**Laboratory facilities for students:**

1. High end computing facility with desktop machines and they are connected via LAN.
2. High speed networking with class B network model (CAT6 cabling) is used to provide high speed data transfer for intra-net and internet with 1000 mbps bandwidth.
3. Overhead Projection System for class demonstration / training program, project presentation and/or presentation in Lab sessions.
4. Centralized DMZ Firewall to prevent digital attacks from outside domain for bandwidth Optimization and the purposes of system security.
5. E-learning facilities for students: NPTEL Videos, IIT KGP Digital library, IEI student chapter library access for student members. Students can access IEEE Reports and Journals. Labs are also facilitated for self-learning purposes.
6. All students can access their labs beyond college working hours. Labs are opened from 8 a.m. to 8 p.m., every week Monday to Friday.

**PART E: First Year faculty and financial Resources****(Data to be filled in for the first year course faculty and budget allocation and utilization)****E1. First Year Student-Faculty Ratio (FYSFR)**

Table No. E1.1: FYSFR details.

| Year           | Sanctioned intake of all UG programs (S4) | No. of required faculty (RF4= S4/20) | No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1) | No. of faculty members in Engineering Science Courses (NS2) | Percentage= No. of faculty members ((NS1*0.8)+(NS2*0.2))/(No. of required faculty (RF4));<br>Percentage=((NS1*0.8)+(NS2*0.2))/RF |
|----------------|-------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 2023-24(CAYm2) | 1140                                      | 57                                   | 61                                                                                                                  | 17                                                          | 92                                                                                                                               |
| 2024-25(CAYm1) | 1140                                      | 57                                   | 61                                                                                                                  | 17                                                          | 92                                                                                                                               |
| 2025-26(CAY)   | 1320                                      | 66                                   | 68                                                                                                                  | 21                                                          | 89                                                                                                                               |

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

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

| Items                                    | Budgeted in 2025-26 | Actual Expenses in 2025-26 till | Budgeted in 2024-25 | Actual Expenses in 2024-25 till | Budgeted in 2023-24 | Actual Expenses in 2023-24 till | Budgeted in 2022-23 | Actual Expenses in 2022-23 till |
|------------------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|---------------------|---------------------------------|
| Infrastructure Built-Up                  | 31151000            | 26351535                        | 26064000            | 23061795                        | 13176000            | 11278915                        | 5111000             | 4528940                         |
| Library                                  | 7467000             | 7119754                         | 5960000             | 5724961                         | 5677000             | 5488881                         | 3984000             | 3856775                         |
| Laboratory equipment                     | 21811000            | 21444694                        | 16382000            | 16325780                        | 13406000            | 13129838                        | 7078000             | 6714960                         |
| Teaching and non-teaching staff salary   | 420681000           | 410332197                       | 395333000           | 380982477                       | 330455000           | 315221276                       | 265530000           | 255413669                       |
| Outreach Programs                        | 2763000             | 2646338                         | 2220000             | 2117070                         | 1696000             | 1608974                         | 1286000             | 1222820                         |
| R&D                                      | 35525000            | 34563234                        | 32570000            | 30938746                        | 24616000            | 24024288                        | 21755000            | 20623249                        |
| Training, Placement and Industry linkage | 18742000            | 17935027                        | 16437000            | 15725663                        | 14503000            | 13830823                        | 11739000            | 11137984                        |
| SDGs                                     | 75556000            | 74605044                        | 75416000            | 74410144                        | 64013000            | 59993074                        | 43981000            | 44164473                        |
| Entrepreneurship                         | 4626000             | 4400076                         | 4249000             | 4180072                         | 1778000             | 1714819                         | 1650000             | 1646226                         |
| Others, specify                          | 75159000            | 70172101                        | 60556000            | 58302416                        | 50439000            | 48060794                        | 29511000            | 28140028                        |
| <b>Total</b>                             | <b>693481000</b>    | <b>669570000</b>                | <b>635187000</b>    | <b>611769124</b>                | <b>519759000</b>    | <b>494351682</b>                | <b>391625000</b>    | <b>377449124</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<br>2025-26 | Actual Expenses in<br>2025-26 till | Budgeted in<br>2024-25 | Actual Expenses in<br>2024-25 till | Budgeted in<br>2023-24 | Actual Expenses in<br>2023-24 till | Budgeted in<br>2022-23 | Actual Expenses in<br>2022-23 till |
|-----------------------------------------------------|------------------------|------------------------------------|------------------------|------------------------------------|------------------------|------------------------------------|------------------------|------------------------------------|
| Laboratory equipment                                | 4100000.00             | 4041462.00                         | 3942000.00             | 3939496.00                         | 3804000.00             | 3743550.00                         | 1959000.00             | 1852844.00                         |
| Software                                            | 1010000.00             | 979471.00                          | 0                      | 0                                  | 0                      | 0                                  | 0                      | 0                                  |
| SDGs                                                | 13992000.00            | 13827329.00                        | 11842000.00            | 11189262.00                        | 9039000.00             | 8813370.00                         | 6737000.00             | 6493461.00                         |
| Support for faculty<br>development                  | 2046000.00             | 1992921.00                         | 1861000.00             | 1718308.00                         | 1567000.00             | 1551050.00                         | 1418000.00             | 1369702.00                         |
| R & D                                               | 3968000.00             | 3856868.00                         | 3577000.00             | 3433298.00                         | 2905000.00             | 2847897.00                         | 2581000.00             | 2472217.00                         |
| Industrial Training, Industry<br>expert, Internship | 2702000.00             | 2578243.00                         | 2266000.00             | 2182734.00                         | 2097000.00             | 2013768.00                         | 1662000.00             | 1587038.00                         |
| Miscellaneous Expenses*                             | 1589000.00             | 1544913.00                         | 1410000.00             | 1350196.00                         | 1240000.00             | 1181561.00                         | 1105000.00             | 1061221.00                         |
| <b>Total</b>                                        | <b>29407000.00</b>     | <b>28821207.00</b>                 | <b>24898000.00</b>     | <b>23813294.00</b>                 | <b>20652000.00</b>     | <b>20151196.00</b>                 | <b>15462000.00</b>     | <b>14836483.00</b>                 |