

**Course Structure of Diploma in Engineering Probidhan-2022 (Computer Allied)**  
**Technology Name: Computer Science and Technology**

**Computer Science & Technology (85)**

**3rd Semester**

| Sl. No.             | Subject |                                      | Period Per Week |              | Credit    | Marks Distribution |            |            |                      |            |            |             |
|---------------------|---------|--------------------------------------|-----------------|--------------|-----------|--------------------|------------|------------|----------------------|------------|------------|-------------|
|                     |         |                                      |                 |              |           | Theory Assessment  |            |            | Practical Assessment |            |            | Grand Total |
|                     | Code    | Name                                 | Theory          | Practical    |           | Continuous         | Final      | Total      | Continuous           | Final      | Total      |             |
| 1                   | 25811   | Social Science                       | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 2                   | 25922   | Physics -II                          | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 3                   | 25931   | Mathematics-III                      | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 4                   | 28531   | Application Development Using Python | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 5                   | 28532   | Computer Graphics Design-II          | -               | 3            | 1         | -                  | -          | -          | 25                   | 25         | 50         | 50          |
| 6                   | 28533   | IT Support Services                  | 2               | 6            | 4         | 40                 | 60         | 100        | 50                   | 50         | 100        | 200         |
| 7                   | 26831   | Digital Electronics-I                | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| <b>Total</b>        |         |                                      | <b>14</b>       | <b>21</b>    | <b>21</b> | <b>280</b>         | <b>420</b> | <b>700</b> | <b>175</b>           | <b>175</b> | <b>350</b> | <b>1050</b> |
| <b>Total Period</b> |         |                                      | <b>35</b>       |              |           |                    |            |            |                      |            |            |             |
|                     |         |                                      | <b>40.0%</b>    | <b>60.0%</b> |           |                    |            |            |                      |            |            |             |

**Computer Science & Technology (85)**

**4th Semester**

| Sl. No.                         | Subject |                                    | Period Per Week |              | Credit    | Marks Distribution |            |            |                      |            |            |             |
|---------------------------------|---------|------------------------------------|-----------------|--------------|-----------|--------------------|------------|------------|----------------------|------------|------------|-------------|
|                                 |         |                                    |                 |              |           | Theory Assessment  |            |            | Practical Assessment |            |            | Grand Total |
|                                 | Code    | Name                               | Theory          | Practical    |           | Continuous         | Final      | Total      | Continuous           | Final      | Total      |             |
| 1                               | 25831   | Business Communication             | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 2                               | 28541   | Java Programming                   | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 3                               | 28542   | Data Structure & Algorithm         | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 4                               | 28543   | Computer Peripherals & Interfacing | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 5                               | 28544   | Web Design & Development-I         | 1               | 6            | 3         | 20                 | 30         | 50         | 50                   | 50         | 100        | 150         |
| 6                               | 26841   | Digital Electronics-II             | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 7                               | 29041   | Environmental Studies              | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| <b>Total</b>                    |         |                                    | <b>14</b>       | <b>21</b>    | <b>21</b> | <b>280</b>         | <b>420</b> | <b>700</b> | <b>175</b>           | <b>175</b> | <b>350</b> | <b>1050</b> |
| <b>Total Period</b>             |         |                                    | <b>35</b>       |              |           |                    |            |            |                      |            |            |             |
| <b>Theory:Practical (Ratio)</b> |         |                                    | <b>40.0%</b>    | <b>60.0%</b> |           |                    |            |            |                      |            |            |             |