

**Course Structure Diploma in Engineering Probidhan 2022 (Architecture Allied)**

**Architecture Technology (61)**

**Name of Technology: Architecture**

**1st 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                           | 21011   | Engineering Drawing                          | -               | 6            | 2         | -                  | -          | -          | 50                   | 50         | 100        | 100         |
| 2                           | 25711   | Bangla-I                                     | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 3                           | 25712   | English-I                                    | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 4                           | 25812   | Physical Education & Life Skills Development | -               | 3            | 1         | -                  | -          | -          | 25                   | 25         | 50         | 50          |
| 5                           | 25911   | Mathematics -I                               | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 6                           | 25913   | Chemistry                                    | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 7                           | 26111   | Creativity and Concept Development           | 1               | 3            | 2         | 20                 | 30         | 50         | 25                   | 25         | 50         | 100         |
| 8                           | 26711   | Basic Electricity                            | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| <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 (%)</b> |         |  | <b>40.0%</b>    | <b>60.0%</b> |           |                    |            |            |                      |            |            |             |

**Architecture Technology (61)**

**2nd 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                           | 25721   | Bangla -II                  | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 2                           | 25722   | English-II                  | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 3                           | 25912   | Physics -I                  | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 4                           | 25921   | Mathematics-II              | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 5                           | 26121   | Architectural Design-I      | 2               | 6            | 4         | 40                 | 60         | 100        | 50                   | 50         | 100        | 200         |
| 6                           | 26411   | Civil Engineering Metarials | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 7                           | 28511   | Computer Office Application | -               | 6            | 2         | -                  | -          | -          | 50                   | 50         | 100        | 100         |
| <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 (%)</b> |         |                             | <b>40.0%</b>    | <b>60.0%</b> |           |                    |            |            |                      |            |            |             |

**Course Structure Diploma in Engineering Probidhan 2022 (Architecture Allied)**

**Architecture Technology (61)**

**Name of Technology: Architecture**

**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                           | 25922   | Physics-II                | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 2                           | 25931   | Mathematics-III           | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 3                           | 26131   | Architectural Design-II   | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| 4                           | 26132   | Architectural Graphics    | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 5                           | 26133   | Working Drawing-I         | 1               | 3            | 2         | 20                 | 30         | 50         | 25                   | 25         | 50         | 100         |
| 6                           | 26134   | Climatology               | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 7                           | 26135   | Computer Aided Drawing -I | -               | 6            | 2         | -                  | -          | -          | 50                   | 50         | 100        | 100         |
| <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 (%)</b> |         |                           | <b>40.0%</b>    | <b>60.0%</b> |           |                    |            |            |                      |            |            |             |

**Architecture Technology (61)**

**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                           | 25811   | Social Science             | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 2                           | 25841   | Accounting                 | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 3                           | 26141   | Architectural Design-III   | 2               | 6            | 4         | 40                 | 60         | 100        | 50                   | 50         | 100        | 200         |
| 4                           | 26142   | History of Architecture-I  | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 5                           | 26143   | Working Drawing -II        | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 6                           | 26144   | Computer Aided Drawing -II | -               | 6            | 2         | -                  | -          | -          | 50                   | 50         | 100        | 100         |
| 7                           | 26434   | Basic Construction Process | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 8                           | 26447   | Basic Estimating & Costing | 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 (%)</b> |         |                            | <b>40.0%</b>    | <b>60.0%</b> |           |                    |            |            |                      |            |            |             |

**Course Structure Diploma in Engineering Probidhan 2022 (Architecture Allied)**

**Architecture Technology (61)**

**Name of Technology: Architecture**

**5th 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                           | 26151   | Architectural Design-IV               | 2               | 6            | 4         | 40                 | 60         | 100        | 50                   | 50         | 100        | 200         |
| 3                           | 26152   | History of Architecture-II            | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 4                           | 26153   | Model Making                          | -               | 6            | 2         | -                  | -          | -          | 50                   | 50         | 100        | 100         |
| 5                           | 26154   | Presentation and Visual Technique     | -               | 6            | 2         | -                  | -          | -          | 50                   | 50         | 100        | 100         |
| 6                           | 26431   | Structural Mechanics                  | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 7                           | 26457   | Water Supply and Sanitary Engineering | 3               | 3            | 4         | 60                 | 90         | 150        | 25                   | 25         | 50         | 200         |
| <b>Total</b>                |         |                                       | <b>11</b>       | <b>24</b>    | <b>19</b> | <b>220</b>         | <b>330</b> | <b>550</b> | <b>200</b>           | <b>200</b> | <b>400</b> | <b>950</b>  |
| <b>Total Period</b>         |         |                                       |                 |              | <b>35</b> |                    |            |            |                      |            |            |             |
| <b>Theory:Practical (%)</b> |         |                                       | <b>31.4%</b>    | <b>68.6%</b> |           |                    |            |            |                      |            |            |             |

**Architecture Technology (61)**

**6th 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                           | 25852   | Industrial Management              | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 2                           | 26161   | Architectural Design-V             | 1               | 6            | 3         | 20                 | 30         | 50         | 50                   | 50         | 100        | 150         |
| 3                           | 26162   | Computer Rendering and Animation-I | -               | 6            | 2         | -                  | -          | -          | 50                   | 50         | 100        | 100         |
| 4                           | 26163   | Landscape Design                   | 1               | 3            | 2         | 20                 | 30         | 50         | 25                   | 25         | 50         | 100         |
| 5                           | 26164   | Modern Architecture                | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 6                           | 26165   | Interior Design -I                 | 1               | 3            | 2         | 20                 | 30         | 50         | 25                   | 25         | 50         | 100         |
| 7                           | 26464   | Design of Structure-I              | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 8                           | 29041   | Environmental Studies              | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| <b>Total</b>                |         |                                    | <b>11</b>       | <b>24</b>    | <b>19</b> | <b>220</b>         | <b>330</b> | <b>550</b> | <b>200</b>           | <b>200</b> | <b>400</b> | <b>950</b>  |
| <b>Total Period</b>         |         |                                    |                 |              | <b>35</b> |                    |            |            |                      |            |            |             |
| <b>Theory:Practical (%)</b> |         |                                    | <b>31.4%</b>    | <b>68.6%</b> |           |                    |            |            |                      |            |            |             |

**Course Structure Diploma in Engineering Probidhan 2022 (Architecture Allied)**

**Name of Technology: Architecture**

**Architecture Technology (61)**

**7th 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                           | 25851   | Principles of Marketing             | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 2                           | 25853   | Innovation & Entrepreneurship       | 2               | -            | 2         | 40                 | 60         | 100        | -                    | -          | -          | 100         |
| 3                           | 26171   | Architectural Project               | 1               | 6            | 3         | 20                 | 30         | 50         | 50                   | 50         | 100        | 150         |
| 4                           | 26172   | Computer Rendering and Animation-II | -               | 6            | 2         | -                  | -          | -          | 50                   | 50         | 100        | 100         |
| 5                           | 26173   | Urban Planning                      | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 6                           | 26174   | Professional Practice               | 3               | -            | 3         | 60                 | 90         | 150        | -                    | -          | -          | 150         |
| 7                           | 26175   | Interior Design -II                 | 2               | 3            | 3         | 40                 | 60         | 100        | 25                   | 25         | 50         | 150         |
| 8                           | 26435   | Fundamental Surveying               | 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 (%)</b> |         |                                     | <b>40.0%</b>    | <b>60.0%</b> |           |                    |            |            |                      |            |            |             |

**Architecture Technology (61)**

**8th 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                           | 26181   | Industrial Attachment | -               | 24            | 8         | -                  | -        | -        | 200                  | 200        | 400        | 400         |
| 2                           |         | Project Presentation  | -               | 12            | 4         | -                  | -        | -        | 100                  | 100        | 200        | 200         |
| <b>Total</b>                |         |                       | <b>-</b>        | <b>36</b>     | <b>12</b> | <b>-</b>           | <b>-</b> | <b>-</b> | <b>300</b>           | <b>300</b> | <b>600</b> | <b>600</b>  |
| <b>Total Period</b>         |         |                       | <b>36</b>       |               |           |                    |          |          |                      |            |            |             |
| <b>Theory:Practical (%)</b> |         |                       | <b>0.0%</b>     | <b>100.0%</b> |           |                    |          |          |                      |            |            |             |

**Course Structure Diploma in Engineering Probidhan 2022 (Architecture Allied)**

**Name of Technology: Architecture**

**Architecture Technology (61)**

**Summary Structure (All Semester)**

| Sl. No.                     | Semester     | Period per Week |              | Credit             | Marks Distribution |              |              |                      |              |              |             |
|-----------------------------|--------------|-----------------|--------------|--------------------|--------------------|--------------|--------------|----------------------|--------------|--------------|-------------|
|                             |              | Theory          | Practical    |                    | Theory Assessment  |              |              | Practical Assessment |              |              | Grand Total |
|                             |              |                 |              |                    | Continuous         | Final        | Total        | Continuous           | Final        | Total        |             |
| 1                           | 1st Semester | 14              | 21           | 21                 | 280                | 420          | 700          | 175                  | 175          | 350          | 1050        |
| 2                           | 2nd Semester | 14              | 21           | 21                 | 280                | 420          | 700          | 175                  | 175          | 350          | 1050        |
| 3                           | 3rd Semester | 14              | 21           | 21                 | 280                | 420          | 700          | 175                  | 175          | 350          | 1050        |
| 4                           | 4th Semester | 14              | 21           | 21                 | 280                | 420          | 700          | 175                  | 175          | 350          | 1050        |
| 5                           | 5th Semester | 11              | 24           | 19                 | 220                | 330          | 550          | 200                  | 200          | 400          | 950         |
| 6                           | 6th Semester | 11              | 24           | 19                 | 220                | 330          | 550          | 200                  | 200          | 400          | 950         |
| 7                           | 7th Semester | 14              | 21           | 21                 | 280                | 420          | 700          | 175                  | 175          | 350          | 1050        |
| 8                           | 8th Semester | -               | 36           | 12                 | -                  | -            | -            | 300                  | 300          | 600          | 600         |
| <b>Total</b>                |              | <b>92</b>       | <b>189</b>   | <b>155</b>         | <b>1,840</b>       | <b>2,760</b> | <b>4,600</b> | <b>1,575</b>         | <b>1,575</b> | <b>3,150</b> | <b>7750</b> |
| <b>Total Period</b>         |              | <b>281</b>      |              |                    |                    |              |              |                      |              |              |             |
| <b>Theory:Practical (%)</b> |              | <b>32.7%</b>    | <b>67.3%</b> | <b>STEAM Ratio</b> |                    |              |              |                      |              |              |             |