

Course structure of Diploma in Textile Engineering 2022 Probidhan

Specialization: Wet processing

Wet Processing (13)

1st Semester

| Sl. No. | Subject | | Period Per Week | | Credit | Marks Distribution | | | | | | Grand Total |
|---------------------------------|---------|--|-----------------|--------------|-----------|--------------------|------------|------------|----------------------|------------|------------|--------------|
| | | | | | | Theory Assessment | | | Practical Assessment | | | |
| | Code | Name | Theory | Practical | | Continuous | Final | Total | Continuous | Final | Total | |
| 1 | 21111 | General Textile Processing -I | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 2 | 25711 | Bangla-I | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 3 | 25712 | English-I | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 4 | 25811 | Social Science | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 5 | 25812 | Physical Education & Life Skills Development | 0 | 3 | 1 | - | - | - | 25 | 25 | 50 | 50 |
| 6 | 25911 | Mathematics -I | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 7 | 25912 | Physics-I | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 8 | 25914 | Chemistry-I | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| Total | | | 16 | 15 | 21 | 320 | 480 | 800 | 125 | 125 | 250 | 1,050 |
| Total Period | | | | | 31 | | | | | | | |
| Theory:Practical (Ratio) | | | 51.6% | 48.4% | | | | | | | | |

Wet Processing (13)

2nd Semester

| Sl. No. | Subject | | Period Per Week | | Credit | Marks Distribution | | | | | | Grand Total |
|---------------------------------|---------|--------------------------------|-----------------|--------------|-----------|--------------------|------------|------------|----------------------|------------|------------|--------------|
| | | | | | | Theory Assessment | | | Practical Assessment | | | |
| | Code | Name | Theory | Practical | | Continuous | Final | Total | Continuous | Final | Total | |
| 1 | 21011 | Engineering Drawing | 0 | 6 | 2 | - | - | - | 50 | 50 | 100 | 100 |
| 2 | 21121 | General Textile Processing -II | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 3 | 25721 | Bangla-II | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 4 | 25722 | English-II | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 5 | 25921 | Mathematics -II | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 6 | 25922 | Physics-II | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 7 | 25924 | Chemistry-II | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| Total | | | 14 | 18 | 20 | 280 | 420 | 700 | 150 | 150 | 300 | 1,000 |
| Total Period | | | | | 32 | | | | | | | |
| Theory:Practical (Ratio) | | | 43.8% | 56.3% | | | | | | | | |

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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 | 21131 | Natural Textile Fibre | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 2 | 21132 | Yarn Manufacturing-I | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 3 | 21231 | Fabric Manufacturing-I | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 4 | 25831 | Business Communication | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 5 | 25915 | Statistics | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 6 | 26611 | Computer Office Application | 0 | 6 | 2 | - | - | - | 50 | 50 | 100 | 100 |
| 7 | 26711 | Basic Electricity | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| Total | | | 15 | 15 | 20 | 300 | 450 | 750 | 125 | 125 | 250 | 1,000 |
| Total Period | | | 30 | | | | | | | | | |
| Theory:Practical (Ratio) | | | 50.0% | 50.0% | | | | | | | | |

Wet Processing (13)

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 | 21141 | Man Made Fibre & Filament | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 2 | 21142 | Yarn Manufacturing-II | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 3 | 21241 | Fabric Manufacturing-II | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 4 | 21341 | Wet Processing-I | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 5 | 21441 | Apparel Manufacturing-I | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 6 | 26811 | Basic Electronics | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 7 | 27011 | Basic Workshop Practice | 0 | 3 | 1 | - | - | - | 25 | 25 | 50 | 50 |
| Total | | | 16 | 18 | 22 | 320 | 480 | 800 | 150 | 150 | 300 | 1,100 |
| Total Period | | | 34 | | | | | | | | | |
| Theory:Practical (Ratio) | | | 47.1% | 52.9% | | | | | | | | |

Course structure of Diploma in Textile Engineering 2022 Probidhan
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Wet Processing (13)

5th Semester

| Sl. No. | Subject | | Period Per Week | | Credit | Marks Distribution | | | | | | Grand Total |
|---------------------------------|---------|---------------------------------------|-----------------|--------------|-----------|--------------------|------------|------------|----------------------|------------|------------|--------------|
| | | | | | | Theory Assessment | | | Practical Assessment | | | |
| | Code | Name | Theory | Practical | | Continuous | Final | Total | Continuous | Final | Total | |
| 1 | 21151 | Textile Testing & Quality Control-I | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 2 | 21251 | Fabric Structure & Design | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 3 | 21351 | Wet Processing-II | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 4 | 21451 | Apparel Manufacturing-II | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 5 | 21861 | General Maintenance & Utility Service | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 6 | 25842 | Accounting & Cost Management | 3 | 0 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| Total | | | 17 | 15 | 22 | 320 | 480 | 800 | 150 | 150 | 300 | 1,100 |
| Total Period | | | 32 | | | | | | | | | |
| Theory:Practical (Ratio) | | | 53.1% | 46.9% | | | | | | | | |

Wet Processing (13)

6th Semester

| Sl. No. | Subject | | Period Per Week | | Credit | Marks Distribution | | | | | | Grand Total |
|---------------------------------|---------|---|-----------------|--------------|-----------|--------------------|------------|------------|----------------------|------------|------------|-------------|
| | | | | | | Theory Assessment | | | Practical Assessment | | | |
| | Code | Name | Theory | Practical | | Continuous | Final | Total | Continuous | Final | Total | |
| 1 | 21161 | Textile Testing & Quality Control-II | 3 | 3 | 4 | 60 | 90 | 150 | 25 | 25 | 50 | 200 |
| 2 | 21362 | Advanced Wet Processing -I | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 3 | 21363 | Textiles Printing | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 4 | 21364 | Textile Finishing | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 5 | 21365 | Application of Computer in textile Wet Processing | 0 | 6 | 2 | - | - | - | 50 | 50 | 100 | 100 |
| 6 | 25851 | Principle of Marketing | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 7 | 25852 | Industrial Management | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| Total | | | 13 | 18 | 19 | 260 | 390 | 650 | 150 | 150 | 300 | 950 |
| Total Period | | | 31 | | | | | | | | | |
| Theory:Practical (Ratio) | | | 41.9% | 58.1% | | | | | | | | |

**Course structure of Diploma in Textile Engineering 2022 Probidhan
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Wet Processing (13)

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 | 21173 | Production Planning & Control | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 2 | 21174 | Textile Waste Recycling | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 3 | 21371 | Advanced Wet Processing -II | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 4 | 21372 | Textile Design & Color | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 5 | 21373 | Advanced printing & finishing. | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 6 | 21873 | Wet process Machinery and Maintenance | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| 7 | 25853 | Innovation & Entrepreneurship | 2 | 0 | 2 | 40 | 60 | 100 | - | - | - | 100 |
| 8 | 29041 | Environmental Studies | 2 | 3 | 3 | 40 | 60 | 100 | 25 | 25 | 50 | 150 |
| Total | | | 16 | 18 | 22 | 320 | 480 | 800 | 150 | 150 | 300 | 1,100 |
| Total Period | | | 34 | | | | | | | | | |
| Theory:Practical (Ratio) | | | 47.1% | 52.9% | | | | | | | | |

Wet Processing (13)

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 | 21381 | Industrial Training | - | 24 | 8 | - | - | - | 200 | 200 | 400 | 400 |
| 2 | | Graduation Project Presentation | - | 12 | 4 | - | - | - | 100 | 100 | 200 | 200 |
| Total | | | - | 36 | 12 | - | - | - | 300 | 300 | 600 | 600 |
| Total Period | | | 36 | | | | | | | | | |
| Theory:Practical (Ratio) | | | 0.0% | 100.0% | | | | | | | | |

Wet Processing (13)

Summary Structure (All Semester)

| Sl. No. | Semester | Period Per Week | | Credit | Marks Distribution | | | | | | |
|---------------------------------|--------------|-----------------|--------------|--------------------|--------------------|--------------|--------------|----------------------|--------------|--------------|--------------|
| | | | | | Theory Assessment | | | Practical Assessment | | | Grand Total |
| | | Theory | Practical | | Continuous | Final | Total | Continuous | Final | Total | |
| 1 | 1st Semester | 16 | 15 | 21 | 320 | 480 | 800 | 125 | 125 | 250 | 1,050 |
| 2 | 2nd Semester | 14 | 18 | 20 | 280 | 420 | 700 | 150 | 150 | 300 | 1,000 |
| 3 | 3rd Semester | 15 | 15 | 20 | 300 | 450 | 750 | 125 | 125 | 250 | 1,000 |
| 4 | 4th Semester | 16 | 18 | 22 | 320 | 480 | 800 | 150 | 150 | 300 | 1,100 |
| 5 | 5th Semester | 17 | 15 | 22 | 320 | 480 | 800 | 150 | 150 | 300 | 1,100 |
| 6 | 6th Semester | 13 | 18 | 19 | 260 | 390 | 650 | 150 | 150 | 300 | 950 |
| 7 | 7th Semester | 16 | 18 | 22 | 320 | 480 | 800 | 150 | 150 | 300 | 1,100 |
| 8 | 8th Semester | - | 36 | 12 | - | - | - | 300 | 300 | 600 | 600 |
| Total | | 107 | 153 | 158 | 2,120 | 3,180 | 5,300 | 1,300 | 1,300 | 2,600 | 7,900 |
| Total Period | | 260 | | | | | | | | | |
| Theory:Practical (Ratio) | | 41.2% | 58.8% | STEAM Ratio | | | | | | | |