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| **Bachelor of Technology (Textile Technology) (Credit Based)**  **KURUKSHETRA UNIVERSITY KURUKSHETRA**  **Scheme of Studies/Examination**  **Semester III (w.e.f. session 2019-2020)** | | | | | | | | | | | | | | | | | | | | | | |
| **Sr. No.** | | **Course No./Code** | | **Subject** | | **L:T:P** | | **Hours/Week** | | | **Credits** | | **Examination Schedule (Marks)** | | | | | | | | **Duration of Exam (Hrs)** | |
|
| **Major Test** | | **Minor Test** | | **Practical** | | **Total** | |
| 1 | | PCC-TEX-201A | | Textile Fibre – I | | 3:1:0 | | 4 | | | 4 | | 75 | | 25 | | 0 | | 100 | | 3 | |
| 2 | | PCC-TEX-203A | | Yarn Manufacturing-I | | 3:1:0 | | 4 | | | 4 | | 75 | | 25 | | 0 | | 100 | | 3 | |
| 3 | | PCC-TEX-205A | | Fabric Manufacturing-I | | 3:1:0 | | 4 | | | 4 | | 75 | | 25 | | 0 | | 100 | | 3 | |
| 4 | | PCC-TEX-207A | | Textile Chemical Processing-I | | 3:1:0 | | 4 | | | 4 | | 75 | | 25 | | 0 | | 100 | | 3 | |
| 5 | | PCC-TEX-209LA | | Textile Fibre - I Lab | | 0:0:2 | | 2 | | | 1 | | - | | 40 | | 60 | | 100 | | 3 | |
| 6 | | PCC-TEX-211LA | | Yarn Manufacturing-I Lab | | 0:0:2 | | 2 | | | 1 | | - | | 40 | | 60 | | 100 | | 3 | |
| 7 | | PCC-TEX-213LA | | Fabric Manufacturing-I Lab | | 0:0:2 | | 2 | | | 1 | | - | | 40 | | 60 | | 100 | | 3 | |
| 8 | | PCC-TEX-215LA | | Textile Chemical Processing-I Lab | | 0:0:2 | | 2 | | | 1 | | - | | 40 | | 60 | | 100 | | 3 | |
| **Total** | | | | | |  | | **24** | | | **20** | | **300** | | **260** | | **240** | | **800** | |  | |
| 9 | | \*MC-901A | | Environmental Sciences | | 3:0:0 | | 3 | | | - | | 100 | | - | | 0 | | 100 | | 3 | |
| \*MC-901A is a mandatory credit-less course in which the students will be required to get passing marks in the major test. | | | | | | | | | | | | | | | | | | | | | | |
| **Bachelor of Technology (Textile Technology ) (Credit Based)**  **KURUKSHETRA UNIVERSITY KURUKSHETRA**  **Scheme of Studies/Examination**  **Semester IV (w.e.f. session 2019-2020 )** | | | | | | | | | | | | | | | | | | | | |
|  | |  | |  | |  | |  |  | |  | |  | |  | |  | |  | |
| **S. No.** | | **Course No./Code** | | **Subject** | | **L:T:P** | | **Hours/**  **Week** | **Credits** | | **Examination Schedule (Marks)** | | | | | | | | **Duration of Exam (Hrs)** | |
|
| **Major Test** | | **Minor Test** | | **Practical** | | **Total** | |
| 1 | | PCC-TEX-202A | | Textile Fibre – II | | 3:1:0 | | 4 | 4 | | 75 | | 25 | | 0 | | 100 | | 3 | |
| 2 | | PCC-TEX-204A | | Yarn Manufacturing-II | | 3:1:0 | | 4 | 4 | | 75 | | 25 | | 0 | | 100 | | 3 | |
| 3 | | PCC-TEX-206A | | Fabric Manufacturing-II | | 3:1:0 | | 4 | 4 | | 75 | | 25 | | 0 | | 100 | | 3 | |
| 4 | | PCC-TEX-208A | | Textile Chemical Processing-II | | 3:1:0 | | 4 | 4 | | 75 | | 25 | | 0 | | 100 | | 3 | |
| 5 | | PCC-TEX-210LA | | Yarn Manufacturing-II Lab | | 0:0:2 | | 2 | 1 | | - | | 40 | | 60 | | 100 | | 3 | |
| 6 | | PCC-TEX-212LA | | Fabric Manufacturing-II Lab | | 0:0:2 | | 2 | 1 | | - | | 40 | | 60 | | 100 | | 3 | |
| 7 | | PCC-TEX-214LA | | Textile Chemical Processing-II Lab | | 0:0:2 | | 2 | 1 | | - | | 40 | | 60 | | 100 | | 3 | |
| **Total** | | | | | |  | | **22** | **19** | | **300** | | **220** | | **180** | | **700** | |  | |
| 8 | | \*MC-902A | | Constitution of India | | 3:0:0 | | 3 | - | | 100 | | - | | 0 | | 100 | | 3 | |
| \*MC-902A is a mandatory credit-less course in which the students will be required to get passing marks in the major test. | | | | | | | | | | | | | | | | | | | | |

**Note: All the students have to undergo 4 to 6 weeks Industrial Training after 4th semester which will be evaluated in 5th semester.**

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| **Bachelor of Technology (Textile Technology) (Credit Based)**  **KURUKSHETRA UNIVERSITY KURUKSHETRA**  **Scheme of Studies/Examination**  **Semester V (w.e.f. session 2020-2021)** | | | | | | | | | | | |
|  |  | |  |  |  |  |  |  |  |  |  |
| **S. No.** | **Course No./Code** | | **Subject** | **L:T:P** | **Hours/**  **Week** | **Credits** | **Examination Schedule (Marks)** | | | | **Duration of Exam (Hrs.)** |
|
| **Major Test** | **Minor Test** | **Practical** | **Total** |
| 1 | PCC-TEX-301A | | Textile Testing-I | 3:1:0 | 4 | 4 | 75 | 25 | - | 100 | 3 |
| 2 | PCC-TEX-303A | | Yarn Manufacturing-III | 3:1:0 | 4 | 4 | 75 | 25 | - | 100 | 3 |
| 3 | PCC-TEX-305A | | Fabric Manufacturing-III | 3:1:0 | 4 | 4 | 75 | 25 | - | 100 | 3 |
| 4 | PCC-TEX-307A | | Fabric Structure & Design | 3:1:0 | 4 | 4 | 75 | 25 | - | 100 | 3 |
| 5 | PCC-TEX-309LA | | Textile Testing-I Lab | 0:0:2 | 2 | 1 | - | 40 | 60 | 100 | 3 |
| 6 | PCC-TEX-311LA | | Fabric Manufacturing-III Lab | 0:0:2 | 2 | 1 | - | 40 | 60 | 100 | 3 |
| 7 | \*SI-301A | | Seminar on Summer Internship-I | 2:0:0 | 2 | - | - | 100 | - | 100 | 3 |
| **Total** | | | |  | **22** | **18** | **300** | **280** | **120** | **700** |  |
| 8 | \*\*MC-903A | Essence of Indian Traditional Knowledge | | 3:0:0 | 3 | - | 100 | - | - | 100 | 3 |
| \*\*MC-903A is a mandatory credit-less course in which the students will be required to get passing marks in the major test. | | | | | | | | | | | |

**\*SI-301A is a mandatory credit-less course in which the students will be evaluated for the industrial training undergone after 4th semester and students will be required to get passing marks to qualify.**

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| **Bachelor of Technology (Textile Technology) (Credit Based)**  **KURUKSHETRA UNIVERSITY KURUKSHETRA**  **Scheme of Studies/Examination**  **Semester VI (w.e.f. session 2020-2021 )** | | | | | | | | | | |
| **S. No.** | **Course No./Code** | **Subject** | **L:T:P** | **Hours/**  **Week** | **Credits** | **Examination Schedule (Marks)** | | | | **Duration of Exam (Hrs.)** |
|
| **Major Test** | **Minor Test** | **Practical** | **Total** |
| 1 | PCC-TEX-302A | Textile Testing-II | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 2 | PCC-TEX-304A | Garment Technology | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 3 | PCC-TEX-306A | Knitting Technology | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 4 | PCC-TEX-308A | Theory of Textile Structure | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 5 | PCC-TEX-310LA | Textile Testing-II Lab | 0:0:2 | 2 | 1 | - | 40 | 60 | 100 | 3 |
| 6 | PCC-TEX-312LA | Garment Technology Lab | 0:0:2 | 2 | 1 | - | 40 | 60 | 100 | 3 |
| 7 | PCC-TEX-314LA | Knitting Technology Lab | 0:0:2 | 2 | 1 | - | 40 | 60 | 100 | 3 |
| 8 | \*PEC-TEX | Program Elective-I | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
|  |  | **Total** |  | **26** | **23** | **375** | **245** | **180** | **800** |  |

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| **Course No.** | **ProgramElective I** |
| PECTEX-316A | Multi Fibre Spinning |
| PEC-TEX-318A | Structure and Properties of Fibre |
| PEC-TEX-320A | Manufacturing of Speciality Fabrics |

**\* The course of Program Elective will be offered at 1/3rd strength or 20 students (whichever is smaller) of the section.**

**Note: All the students have to undergo 4 to 6 weeks Industrial Training after 6th semester which will be evaluated in 7th semester.**

**Bachelor of Technology (Textile Technology) (Credit Based)**

**KURUKSHETRA UNIVERSITY KURUKSHETRA**

**Scheme of Studies/Examination**

**Semester VII (w.e.f. session 2021-2022)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Course No./Code** | **Subject** | **L:T:P** | **Hours/**  **Week** | **Credits** | **Examination Schedule (Marks)** | | | | **Duration of Exam (Hrs)** |
|
| **Major Test** | **Minor Test** | **Practical** | **Total** |
| 1 | PCC-TEX-401A | Technical Textiles-I | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 2 | PCC-TEX-403A | Advanced Chemical Processing | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 3 | \*PEC-TEX | Program Elective-II | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 4 | \*OEC-TEX | Open Elective-I | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 5 | PCC-TEX-405LA | Advanced Chemical Processing Lab | 0:0:2 | 2 | 1 | - | 40 | 60 | 100 | 3 |
| 6 | PROJ-TEX-407A | Project-I | 0:0:6 | 6 | 3 | 100 | - | 100 | 200 | 3 |
| 7 | \*\*SI-401A | Seminar on Summer Internship-II | 2:0:0 | 2 | - | - | 100 | - | 100 | 3 |
|  |  | **Total** |  | **26** | **20** | **400** | **240** | **160** | **800** |  |

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| **CourseNo.** | **Program Elective-II** |  | **CourseNo.** | **Open Elective-I** |
| PEC-TEX-409A | Process Control in Spinning & Weaving | OEC-TEX-415A | Fundamentals of Management |
| PEC-TEX-411A | Process Control in Garment | OEC-TEX-417A | Statistical Analyses |
| PEC-TEX-413A | Process Control in Chemical Processing | OEC-TEX-419A | Theory and Design of Textile Machinery |
|  |  |  |  |

**\* The course of both Program Elective and Open Elective will be offered at 1/3rd strength or 20 students (whichever is smaller) of the section.**

**\*\*SI-401Ais a mandatory credit-less course in which the students will be evaluated for the industrial training undergone after 6th semester and students will be required to get passing marks to qualify.**

**Bachelor of Technology (Textile Technology) (Credit Based)**

**KURUKSHETRA UNIVERSITY KURUKSHETRA**

**Scheme of Studies/Examination**

**Semester VIII (w.e.f. session 2021-2022)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Course No./Code** | **Subject** | **L:T:P** | **Hours/**  **Week** | **Credits** | **Examination Schedule (Marks)** | | | | **Duration of Exam (Hrs)** |
|
| **Major Test** | **Minor Test** | **Practical** | **Total** |
| 1 | PCC-TEX-402A | Technical Textiles-II | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 2 | \*PEC-TEX | Program Elective-III | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 3 | \*PEC-TEX | Program Elective-IV | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 4 | \*OEC-TEX | Open Elective-II | 3:1:0 | 4 | 4 | 75 | 25 | 0 | 100 | 3 |
| 6 | PROJ-TEX-404A | Project-II | 0:0:6 | 3 | 3 | 100 | - | 100 | 200 | 3 |
| 7 | \*\*SIM-406A | Seminar | 3:0:0 | 3 | - | - | 100 | - | 100 | 3 |
|  |  | **Total** |  | **22** | **19** | **400** | **200** | **100** | **700** |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **ProgramElective-III** | |  | **ProgramElective-IV** | |  | **OpenElectives-II** | |
| **CourseNo.** | **CourseName** |  | **CourseNo.** | **CourseName** |  | **CourseNo.** | **CourseName** |
| PEC-TEX-408A | Post Extrusion Process |  | PEC-TEX-414A | Computer Aided Design |  | OEC-TEX-420A | Textile Costing |
| PEC-TEX-410A | High Performance Fibres |  | PEC-TEX-416A | Apparel Marketing & Merchandising |  | OEC-TEX-422A | Management of Textile Production |
| PEC-TEX-412A | Nonwoven Technology |  | PEC-TEX-418A | Quality Assurance in Apparel Industry |  | OEC-TEX-424A | Product Design and Development |

**\*The course of both Program Elective and Open Elective will be offered at 1/3rd strength or 20 students (whichever is smaller) of the section.**

**\*\*SIM-406A is a mandatory credit-less course in which the students will be required to get passing marks to qualify.**

**Additional Courses for B.Tech. (Honours Degree)**

**Branch/Course: B.Tech. – Textile Technology**

A student will be eligible to get Under Graduate degree ‘**B.Tech. with Honours’**, if he/she completes an additional 20 credits. These could be acquired through MOOCs or with in-house examination being conducted. In order to have an Honours degree, a student may choose minimum 20 credits from the following professional electives courses in addition, provided that the student must ensure the course is approved by the Competent Authority, Government of India. The professional electives courses may be selected excluding these. In addition to the following list, the student can also opt some more courses offered under MOOCs at Swayam portal from time to time.

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| **Bachelor of Technology (Textile Technology)** | | | | | | | | | | |
| **Credit-Based Scheme of Studies/Examination** | | | | | | | | | | |
| **Additional Courses for B.Tech. (Honours Degree)** | | | | | | | | | | |
| **S. No.** | **Course Code** | **Subject** | **L:T:P** | **Hours/**  **Week** | **Credits** | **Examination Schedule (Marks)** | | | | **Duration of Exam (Hrs)** |
|
| **Major Test** | **Minor Test** | **Practical** | **Total** |
| 1 | PEC-TEX-313A | Nanofibres& Nanotechnology in Textile | 3:1:0 | 4 | 4 | 100 | -- | 0 | 100 | 3 |
| 2 | PEC-TEX-315A | Processing of Manmade & Blended Textile | 3:1:0 | 4 | 4 | 100 | -- | 0 | 100 | 3 |
| 3 | PEC-TEX-322A | Advanced Apparel Production | 3:1:0 | 4 | 4 | 100 | -- | 0 | 100 | 3 |
| 4 | PEC-TEX-421A | Textile Composites | 3:1:0 | 4 | 4 | 100 | -- | 0 | 100 | 3 |
| 5 | PEC-TEX-423A | Science of Clothing Comfort | 3:1:0 | 4 | 4 | 100 | -- | 0 | 100 | 3 |
| 6 | PEC-TEX-426A | Coated & Laminated Textile | 3:1:0 | 4 | 4 | 100 | -- | 0 | 100 | 3 |
| 7 | PEC-TEX-428A | Plasma Technologies for Textile | 3:1:0 | 4 | 4 | 100 | -- | 0 | 100 | 3 |
| 8 | PEC-TEX-324LA | Apparel Construction Lab | 0:0:2 | 2 | 1 | 0 | -- | 100 | 100 | 3 |
| 9 | PEC-TEX-425LA | Comfort Lab | 0:0:2 | 2 | 1 | 0 | -- | 100 | 100 | 3 |
| 10 | PEC-TEX-430LA | Computer Aided Design Lab | 0:0:2 | 2 | 1 | 0 | -- | 100 | 100 | 3 |