**Textile Chemistry ll**

**Maj/H.Eco/TC-306**

**Checklist of Course Content**

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| **Course Content** | **Sources of Course Material** |
| 1. The Chemistry of Fibres
 | <https://www.youtube.com/watch?v=qD3IwQ_W8Uw> |
| 1. Chemistry of Wool: Occurrence; Histology; Bilateral Structure; Chemical composition, Cross linkages of wool; Chemical Reactions of wool (with acids, with alkali, Treatment with water,)
 |  <https://www.slideshare.net/KaziZakariaahmed/wool-67337343><https://epdf.pub/handbook-of-fiber-chemistry.html> |
| 1. Chemistry of Silk: Occurrence, histology, chemical structure; Chemical reactions of silk with acids, alkalis and oxidizing agents.
 | <https://www.slideshare.net/purvisha_ndkrn/silk-59404356>  |
| 1. Chemistry of Manmade Fibers: Production of fiber,
2. Wet spinning, Dry spinning, Melt spinning.
 | <https://www.slideshare.net/Farhanullahbaig/manmade-fibers-70793409>1. <https://www.slideshare.net/sheshir/man-made-fiber-spinning>
2. <https://youtu.be/9KX_xAr7Z78>
3. <https://youtu.be/WJAu-VmNYPA>
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| 1. Functional and Aesthetic Fabric Finishes
 | <https://www.slideshare.net/010aastha/seminar-on-textile-finishing> |
| 1. Wet Processing: singing, desizing, scouring, bleaching, mercerization and caustisization.
 | <https://www.slideshare.net/nishohel/wet-processing-23961418> |