**Textile Dyeing and Printing**

**Maj/H.Eco-TC-308**

**Checklist of Course Content**

|  |  |
| --- | --- |
| **Course Content** | **Sources of Course Material** |
| •Colour Theory | <https://lfhs.lfcisd.net/UserFiles/Servers/Server_904/File/ECCastillo/Color%20Theory%20Worksheet.pdf> |
| •Pre-Treatment of Fabrics for Dyeing and Printing. | **https://www.researchgate.net/publication/310473911\_A\_Study\_on\_the\_Effects\_of\_Pre-treatment\_in\_Dyeing\_Properties\_of\_Cotton\_Fabric\_and\_Impact\_on\_the\_Environment**  <https://www.slideshare.net/Amitsirohi2/all-steps-of-preparation-of-fabric-for-dyeing> |
| •Printing Hand and machine methods | <https://www.slideshare.net/SulaimanKhan/textile-printing>  <https://www.slideshare.net/sakshisingh3100/styles-of-printing>  <https://epdf.pub/queue/textile-printing-revised-2nd-ed.html> Chapter 1,2,3 |
| •Resist printing batik and shibori | <https://www.slideshare.net/SulaimanKhan/textile-printing>  <https://www.slideshare.net/sheshir/discharge-printing>  <https://epdf.pub/queue/textile-printing-revised-2nd-ed.html> Chapter 5,6 |
| •Block Printing. |  |
| •Weaving as a means of giving pattern and design. | <https://www.researchgate.net/publication/221913744_Color_and_Weave_Relationship_in_Woven_Fabrics> |
| •Dyeing of Fabrics | **Book** Textile Fibers, Dyes, Finishes and Processes (Chapter 17, Dyeing of fabrics)    <https://www.researchgate.net/publication/316878074_TRADITIONAL_JAPANESE_SHIBORI_AND_CONTEMPORARY_TEXTILE_DESIGN> |
| •Classification of Dyes – Basic dyes, acid dyes, direct dyes, napthol dyes, vat dyes. | <https://textilelearner.blogspot.com/2011/07/dyeing-process-different-types-of-dye_1720.html>  <https://old.vocaroo.com/i/s0oJqy525Dsv> |
| •Properties of dyes selection of dyes, cost of dyeing | <http://dev.sdc.org.uk/knowledgevault/folder_1/1982RP001.pdf>  <https://apparelcosting.blogspot.com/2017/05/dyeing-cost-calculation-formula-factors.html> |
| •Methods of dyeing | **Book: Basic Principles of Textile Coloration**(Ch.10, Ch.12 Dyeing Methods)  <https://www.fibre2fashion.com/industry-article/3871/dyeing>  <https://www.youtube.com/watch?v=PivJ6Wnew3g> |
| •Application of dyes on natural / man made /blends | <https://textilelearner.blogspot.com/2012/03/application-of-dyes-according-to-fiber.html>  <https://www.researchgate.net/publication/221919685_Dyeing_of_Textiles_with_Natural_Dyes>  <https://link.springer.com/content/pdf/bfm%3A978-1-4684-7715-3%2F1.pdf> |
| Lab Outline: | |
| •Block printing,  Crafting and printing suitable designs (a minimum of Three samples) | <https://www.youtube.com/watch?v=5n9NOPWcWFU>  <https://www.youtube.com/watch?v=XCw-KJYTlOw> |
| • Shibori, Dyeing Techniques | <https://www.youtube.com/watch?v=VGzlDZ-_nZg>  <https://www.youtube.com/watch?v=32LgqGhAzYc>  <https://www.youtube.com/watch?v=ela3DPUZ9cw>  <https://www.youtube.com/watch?v=C7u6aZepQn0> |
| Batik, Use of Tjanting tool and Brush method | <https://www.youtube.com/watch?v=l3e221v9CEk>  <https://www.youtube.com/watch?v=S8iJFZK6Suc> |
| •Portfolio based on practical work. |  |