

(Textile Engineering Department)

Undergraduate

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**Course Title: Dyeing Laboratory**

**Prerequisite: 1**

**Number of Credits: Com Dyeing Principles**

**Lecturer: Mrs. Tahere Moeeni**

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**Course Topics:**

- Dyeing Cellulosic Materials with Direct Dyes
  - Dyeing Cellulosic Materials with Reactive Dyes
  - Dyeing Cellulosic Materials with Vat Dyes
  - Dyeing Wool and Silk Materials with Acid and Metal Complex Dyes
  - Dyeing of Polyamide Materials with Acid and Metal Complex
  - After Treatment of the dyed polyamide fabric with anionic and cationic agents, evaluations and discussions related to the results achieved in relation with the stain, wet and Wash Fastness of
  - Dyeing Acetate and Polyester Materials with Disperse Dyes
  - Dyeing Polyester Materials with Pad-Termosol & High Temperature methods
  - Dyeing Acrylic Materials with Cationic Dyes
  - Dyeing Mixture of Cellulosic/Polyester Materials with Direct/Disperse Dyes by exhaustion and continuous methods
  - Dyeing Mixture of Cellulosic/Polyester Materials with Reactive/Disperse Dyes by semi-continuous & continuous methods
  - Dyeing Mixture of Wool/Polyester Materials with Acid and Metal Complex /Disperse Dyes
  - Color Matching
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**Reading Resources:**