

Course Book List

Department of Textile Eng.

| Course Code | Course Name | Reference book | Hard Copy Available Status | E-Book |
|-------------|-------------------------------|--|--|---|
| TEX 101 | Introduction to Textiles | 1. Fiber Science and Technology - A Nakamura (2000) | 1st ed - 01 | N/A |
| | | 2. Handbook of Textile Fibers - J Gordon Cook (1&2 vol.) | 1st ed - 10 | Available 5 th ed. |
| | | 3. Textile Science --- Gohl & Vilensky | 2nd ed - 05 | N/A |
| | | 4. Introduction to Textile Engineering-- A.B. Siddique and Hosne Ara | 1st ed - 15 | N/A |
| CHEM 103 | Organic Chemistry | 1. General Chemistry - Ebbing & Gammon | 6 th ed – 01 7 th ed - 03 10 th ed - 03 | Available 11 th ed. |
| | | 2. Chemistry - Raymond Chang | N/A | Available 14 th ed. |
| TEX 103 | Natural Textile Fibers | 1. Textile Fibers--- J.M. Mathews | N/A | N/A |
| | | 2. The chemistry of Fibers -- R H Peters | N/A | N/A |
| | | 3. Natural Fibers --- A B Siddique, HA Begum | 1 st ed- 10 | N/A |
| | | 4. Fiber Properties -- Carty P | N/A | N/A |
| TEX 105 | Polymer Science & Engineering | 1. Polymer Science, By- V R Gowariker | 1 st ed- 15 | Available 1 st ed. |
| | | 2. Polymer Science & Engineering, By- Joel R. Fried | N/A | Available 1 st ed. |
| | | 3. Introduction to Polymer By- Odian, 4 th ed. | N/A | N/A |
| TEX 201 | Manmade Fibers | 1. Man-Made Fibers -- RW Moncrieff Google books | 6 th ed - 02 | N/A |
| | | 2. Handbook of Textile Fibers: Man-made fibers, Woodhead publishing | N/A | Available 1 st & 2 nd ed. |

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| | | 3. High-Performance fibers, Textile progress vol 25. Textile Institute | N/A | N/A |
| | | 4. Chemical Technology of fibrous materials F Sadov et al | N/A | N/A |
| TEX 203 | Yarn Manufacturing, I | 1. The Technology of Short-Staple Spinning, by W Klein, The Textile Institute, UK. | 2 nd ed- 04 | Available 1 st ed. |

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|---------|---------------------------------------|---|---|---|
| | | 2. The principles of Short-Staple Spinning, by Ayub Nobi Khan. | N/A | N/A |
| | | 3. Advances in yarn spinning technology, C A Lawrence, Woodhead Publishing Ltd.,2010 | 1 st ed.- 05 | Available 1 st ed. |
| | | 4. Fundamentals of Spun Yarn Technology, by C A. Lawrence, CRC Publications, 2003 | N/A | Available 1 st ed. |
| | | 5. Hand Book of Yarn Production, by P R Lord, Woodhead, 2003 | 1 st ed – 05 | Available 1 st ed. |
| | | 6. Spun Yarn Technology, by Eric Oxtoby, Butterworth's, 1987. | N/A | Available 1 st ed. |
| | | 7. Jute Spinning, by Hafiz Uddin Ahmed | 1 st ed - 01 | N/A |
| TEX 205 | Weaving Technology | 1. "Principles of Weaving"- R. Marks, A.T.C. Robinson; Revised Edition | 1 st ed - 05 | Available 1 st ed. |
| | | 2. "Weaving Mechanism"- N.N. Banerjee; Revised Ninth Edition; Volume-1 | 10 th ed - 06 | N/A |
| | | 3. "Weaving Calculations; An up-to-date comprehensive"- Sen Gupta; Latest Edition | 5 th ed - 07 | N/A |
| | | 4. "Weaving"- M.K Talukdar, 1998 | N/A | N/A |
| TEX 207 | Textile Testing and Quality Control I | 1. Principles of textile testing- J. E. Booth | 3 rd ed. - 16 | Available 1 st ed |
| | | 2. Physical Testing of Textile- Saville | 1 st ed - 05 | Available 1 st ed. |
| | | 3. Physical properties of textile fibers, W.E. Morton & J.W.S. Hearle | 2 nd ed.- 04 | Available 1 st & 4 th ed. |
| TEX 209 | Knitting Technology | 1. Knitting Technology--- David J Spencer/ Woodhead Publishing Ltd. | 3 rd ed. - 30 | Available 1 st ed. ,3rd |
| | | 2. Understanding Textiles for a Merchandiser---Prof. Dr. Shah Alimuzzaman/ BMN Foundation | 1 st ed - 15 2 nd ed. – 03 | Available 1 st ed. |
| | | 3. Knitting---Sabit Adanur/ ACIMIT | N/A | N/A |

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| TEX 211 | Textile Wet Processing I | 1. Scouring & bleaching -By E.R. Trotman | 1 st ed - 12 | N/A |
| | | 2. Technology of Dyeing, By, Dr. V. A. Shenai | N/A | N/A |
| | | 3. Chemistry of dyes & Principles of Dyeing, By, Dr. V. A. Shenai. | N/A | N/A |
| | | 4. Technology of Textile Finishing, By, Dr. V. A. Shenai & Dr. Naresh M Saraf. | 2 nd ed. - 03 | N/A |
| | | 5. Basic Principles of Textile Coloration, By, Arthur D. Broadbent. | 1 st ed - 13 | N/A |
| | | 6. Dyeing and Chemical Technology of Textile Fibers, By, E.R Trotman | 5 th ed - 13 | Available 4 th ed. |
| | | 7. An Introduction to Textile Finishing, By, J. T. Marsh | 1 st ed - 02 | Available 2 nd ed. |
| | | 8. Textile Printing-BY Leslie Miles | 2 nd ed. – 10 2 nd rev. ed – 13 | Available 2 nd ed. |
| TEX 301 | Yarn Manufacturing II | 1. The Technology of Short-Staple Spinning, by W Klein, The Textile Institute, UK. | 2 nd ed - 04 | Available 1 st ed. |
| | | 2. The principles of Short-Staple Spinning, by Ayub Nobil Khan. | N/A | N/A |
| | | 3. Advances in yarn spinning technology, C A Lawrence, Woodhead Publishing Ltd.,2010 | 1 st ed.- 05 | Available 1 st ed. |
| | | 4. Fundamentals of Spun Yarn Technology, by C A. Lawrence, CRC Publications, 2003 | N/A | Available 1 st ed. |
| | | 5. Hand Book of Yarn Production, by P R Lord, Woodhead, 2003 | 1 st ed. - 05 | Available 1 st ed. |
| | | 6. Spun Yarn Technology, by Eric Oxtoby, Butterworth's, 1987. | N/A | Available 1 st ed. |
| | | 7. Jute Spinning, by Hafiz Uddin Ahmed | 1 st ed - 01 | N/A |
| TEX 303 | Textile Wet Processing II | 1. J. N. Chakraborty, Fundamentals and Practices in Coloration of Textiles, Second Edi. New Delhi: Woodhead Publishing India | 2 nd ed. - 03 | Available 1 st & 2 nd ed. |

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| | | in Textiles, 2014. | | |
| | | 2. M. Clark, Ed., Handbook of Textile and Industrial Dyeing Volume 1. Woodhead Publishing, 2011. | N/A | Available Vol 1 & 2 |
| | | 3. M. Clark, Ed., Handbook of Textile and Industrial Dyeing Volume 2. Woodhead Publishing, 2011. | 1 st ed. - 03 | Available Vol 1 & 2 |
| | | 4. B. Purushothama, Handbook of Value Addition Processes for Fabrics. Woodhead Publishing in India, 2019. | 1 st ed.- 03 | Available 1 st ed. |
| TEX 305 | Apparel Manufacturing, I | 1. Garments & Technology by Prof. M A Kashem | 1 st ed. – 21 (Bangla) 2 nd - 05 3 rd ed. – 04 4 th ed. – 05 (Bangla) | N/A |
| | | 2. The Technology of Clothing Manufacture; by Harold Carr and Barbara Latham. | 2 nd ed. - 15 | N/A |
| | | 3. Garments Manufacturing Technology- by Md. Saiful Azam, Md. Abu Saleh, Khondokar Abu Nafiz | 1 st ed - 10 | N/A |
| | | 4. Garment Manufacturing: Processes, Practices and Technology by Prasanta Sarker | N/A | N/A |
| | | 5. Garments Manufacturing Technology by Elsevier Science | N/A | N/A |
| TEX 307 | Textile Testing and Quality Control II | 1. Principles of textile testing- J. E. Booth | 3ed ed - 16 | Available 1 st ed. |
| | | 2. Physical Testing of Textile- Saville | 1 st ed - 05 | Available 1 st ed. |
| | | 3. Physical properties of textile fibers, W.E. Morton & J.W.S. Hearle. | 2 nd ed. - 04 | Available 1 st & 4 th ed. |
| TEX 309 | Apparel Manufacturing II | 1. Garments & Technology; Prof. M. A. Kashem | 1 st ed – 21(Bangla) 2 nd - 05 3 rd ed. – 04 4 th ed. – 05(Bangla) | N/A |
| | | 2. Garments Merchandising, Prof. M. A. Kashem | 1 st ed -15 | N/A |

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| | | 3. Garments Manufacturing Technology; Md. Saiful Azam, Md. Abu Saleh, Khondokar Abu Nafiz | 1 st ed - 10 | N/A |
| TEX 311 | Fabric Design & Structural Analysis | 1. Fabric structure and design--- By N. Gokarneshan | 1 st ed - 08 | Available 1 st ed. |
| | | 2. Understanding Textiles for a Merchandiser --by Prof. Dr. Shah Alimuzzaman Belal | 1 st ed-14 2 nd ed - 03 | Available 1 st ed. |
| | | 3. Watsons Textile Design and Colour --- by Z. Grosicki | 7 th ed. – 03 7 th ed. rev.- 11 | Available 1 st ed. |
| | | 4. Grammar of Textile Design ---by 1-1. Nisbet | N/A | Available 1 st ed. |
| TEX 313 | Textile and Apparel Merchandising | 1. Apparel Merchandising by R. Rathinamoorthy and R. Surjit | 1 st ed. - 03 | Available 1 st ed. |
| | | 2. Apparel Merchandising 2nd Edition the Line Starts Here by Jeremy A. Rosenau, David L. Wilson | N/A | N/A |
| | | 3. Supply Chain Management by Sunil Chopra | 2 nd ed. – 01 3 rd ed. – 03 5 th ed. – 06 7 th ed. - 10 | Available 3 rd & 7 th ed. |
| | | 4. Apparel Merchandising and Quality Control: Apparel Merchandising by Md. Mahfuzur Rahman | N/A | N/A |
| | | 5. G. Jepma and A. Rhoen, International Trade, A Business perspective. Addison Wesley Longman, Europe (Pearson Education Asia) | N/A | N/A |
| | | 6. International Business- Don Ball and Wendell McCulloch (Irwin McGraw-Hill Book Corp., Boston, USA, 1999) | N/A | N/A |
| TEX 315 | Textile Physics | 1.W. E. Morton and J. W. S. Hearle, Physical Properties of Textile Fibers | 2 nd ed - 04 | Available 1 st & 4 th ed. |
| | | Fourth Edition. Woodhead Publishing, 2008. | | |
| TEX 317 | Technical Textiles | 1. R. Paul, Ed., High Performance Technical Textiles. Wiley and Sons Ltd, 2019. | N/A | Available 1 st ed. |

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|---------|----------------------------|---|-------------------------|---|
| | | 2. A R Horrocks and S C Anand, Ed., Handbook of Technical Textiles, vol. 1. Woodhead Publishing, 2000. | N/A | Available 1 st & 2 nd ed. |
| | | 3. A. R. H. and S. C. Anand, Ed., Handbook of Technical Textiles, Second Edi., vol. 2. Woodhead Publishing. | N/A | Available 1 st & 2 nd ed. |
| | | 4. V. T. Bartels, Handbook of Medical Textiles. 2011. | N/A | Available 1 st ed. |
| | | 5. R. Shishoo, Ed., Textiles in Sports. Woodhead Publishing, 2005. | N/A | Available 1 st ed. |
| | | 6. Military Textiles. 2008. | N/A | Available 1 st ed. |
| | | 7. R. Shishoo, Ed., Textile Advances in Automotive Industry. Woodhead Publishing, 2008. | N/A | Available 1 st ed. |
| | | 8. R. A. Scott, Ed., Textiles for Protection, vol. 2005. Woodhead Publishing. | N/A | Available 1 st ed. |
| | | 9. R. Figueiro, Fibrous and Composite Materials for Civil Engineering Applications. 2011. | N/A | Available 1 st ed. |
| | | 10. A. P. and S. Patnaik, Ed., Fibers to Smart Textiles. CRC Press (Taylor & Francis Group), 2019. | N/A | Available 1st ed |
| TEX 405 | Textile Quality Management | 1. Hu J., Computer Technology for Textiles and Apparel, Woodhead Publishing Ltd. Cambridge, 2011 | N/A | Available 1 st ed. |
| | | 2. Managing Quality in the Apparel Industry, Pradip V. Mehta, Satish K. Bhardwaj | N/A | N/A |
| | | 2. The Fundamentals of Quality Assurance in the Textile Industry- by Stanley Bernard Brahams. | N/A | Available 1 st ed. |
| | | 3. Quality Management in the apparel Industry & TQM by Engr. A. J. S. M. Khaled | 4 th ed - 04 | N/A |

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| | | 4. Juran's Quality Handbook, Sixth Edition, by Joseph M. Juran and Joseph A. De Feo | N/A | Available 5 th ed. |
| | | 5. The Quality Toolbox, Second edition by Nancy R. Tague | N/A | Available 2 nd ed. |
| | | 6. Managing Quality in the Apparel Industry by Pradip V. Mehta, Satish K. Bhardwaj | 2 nd ed - 05 | N/A |
| | | 7. Total Quality Management; Dale H. Besterfield, Carol Besterfield-Michna, Glen H. Besterfield, Mary Besterfield; ©2003 by Pearson Education, Inc. ISBN 81-297-0260-6 | 3 rd ed. - 03 | Available 5 th ed. |
| TEX 407 | Application of Computer in Textiles | 1. Sztandera, L.M. and Pastore, C.M., soft computing in textile sciences, physics-vela GmbH & Co., Germany, 2003. | N/A | Available 1 st ed. |
| | | 2. Hu J., Computer Technology for Textiles and Apparel, Woodhead Publishing Ltd. Cambridge, 2011. | N/A | Available 1 st ed. |
| | | 3. Lawrence C.A., Advances in Yarn Spinning Technology, Woodhead Publishing Ltd., UK, 2010 | 1 st ed. 05 | Available 1 st ed. |
| | | 4. Zhang D. Advances in Filament Yarn Spinning of Textiles & Polymers, Woodhead Publishing Ltd, UK, 2014. | N/A | Available 1 st ed. |
| | | 5. Lord P.R., Handbook of Yarn Production: Technology, Science & Economics, Woodhead Publishing Ltd, UK, 2003 | N/A | Available 1 st ed. |
| | | 6. Application Manual of Uster Tester 5, Uster HVI, Uster AFIS, Uster Quantum Clearer. | N/A | N/A |
| | | 7. Application Manual of Trutzschler, rieter, marzoli, muratec, savio, Schlafhorst. | N/A | N/A |

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| TEX 433 | Textile Finishing | 1. A. K. R. Chowdhury, Principles of Textile Finishing. Woodhead Publishing, 2017. | N/A | Available 1 st ed. |
| | | 2. K. L. M. and T. Bahners, Ed., Textile Finishing: Recent Developments and Future Trends, vol. 94, no. 5 Wiley and Sons Ltd, 2017. | N/A | Available 1 st ed. |
| TEX 443 | Industrial Engineering in Apparel Production & Management | 1. Work Study & Productivity Improvement Techniques by Engr. A.J.S.M. Khaled | N/A | N/A |
| | | 2. Industrial Engineering in Apparel Production by V Ramesh Babu | Copyright - 06 | Available 1 st ed. |
| | | 3. Material Management in Clothing Production by David J Tyler | N/A | N/A |
| | | 4. Industrial Planning control and Management by Jain and Agarwal | N/A | N/A |
| | | 5. Ergonomics in the Garment Industry by Gordana Colovic | N/A | Available 1 st ed. |
| | | 6. Quality Management in the Apparel Industry and T Q M by A.J.S.M. Khaled | 4 th ed - 04 | N/A |
| TEX 445 | Special Apparel Manufacturing | 1. Sciences in clothing comfort by Apurbo Das & Alagirisamy | 1 st ed. - 08 | Available 1 st ed. |
| | | 2. Intelligent Textiles & Clothing by H.R.Mattila | 1 st ed. - 06 | Available 1 st ed. |
| | | 3. Performance of protective clothing, 2nd Edition by Mansdorf | 1 st ed. - 01 | N/A |
| | | 4. Protective Clothing, Bajaj, P., Sengupta, A.K., Textile Institute, Manchester | N/A | N/A |
| | | 5. Textile Processing and finishing aids, Textile Institute, UK. Fire Reinforced Composites by Gibson A.G. | N/A | N/A |
| | | 6. Garments Merchandising by Prof. M. A. Kashem | 1 st ed.- 15 | N/A |