

## Table of Content

### Technical Session 1: Textile Materials & Composite [9:30am to 11:00am]

Session Chair: Dr. A N M Ahmed Ullah, Assoc. Prof. & Additional Director IQAC, Southeast University

Special Guests: 1) Professor Dr. Ahmed Sharif, Head, Department of Materials and Metallurgical Engineering, Bangladesh University of Engineering and Technology (BUET)

2) Mr. Wahid Uddin Mahmud, Managing Director, Technocrat Enterprise, Dhaka

Title of Paper & Presentation		Page
1	Mechanical Properties of Hybrid Needle-punched Nonwoven Geotextiles, <i>By M. M. A. Sayeed and Amit Rawal, Department of Textile Technology, Indian Institute of Technology Delhi, New Delhi, India</i>	1-3
2	Study on the Chemical Modification, Process Optimization and Spinning Properties of Jute Fibre, <i>By Md. Moslem Uddin, Md. Shahid Ullah, Sweety Shahinur and Mohammad Abdullah Kaysar, Textile Physics Division, Bangladesh Jute Research Institute, Dhaka, Bangladesh</i>	4-7
3	Extraction of bamboo fibres in the environmentally benign methods and their distinctive properties, <i>By Tarannum Afrin, Institute for Frontier Materials, Geelong Technology Precinct, Deakin University, Australia</i>	Presentation only

### Technical Session 2: Textile Chemistry & Clothing Technology [11:15am to 1:00pm]

Session Chair: Professor Dr. Abu Bin Hasan Susan, Department of Chemistry, University of Dhaka

Co-Chair: Mr. Tun H Kyaw, CEO, Elbe International & Tootal Quality Resources Ltd

Special Guests: Mr. Ehsanul Karim Kaiser, Executive Director, Esquire Group, Textile division

Guest of Honour: Mr. A.S.M. Hafizur Rahman (Nixon), G M, Esquire Knit Composite Ltd.

Title of Paper		Page
4	Micelle-Assisted Dyeing of Cotton with Reactive Dyes, <i>By Muhammad Shah Miran<sup>1</sup>, Marjanul Manjum<sup>1</sup>, Md. Mominul Islam<sup>1</sup>, A. S. M. Hafizur Rahman Nixon<sup>2</sup>, M. Yousuf Ali Mollah<sup>3</sup>, and Md. Abu Bin Hasan Susan<sup>1</sup>; <sup>1</sup>Dept. of Chemistry, University of Dhaka, Bangladesh; <sup>2</sup>Esquire Group, Bangladesh; <sup>3</sup>University Grants Commission of Bangladesh</i>	8-10
5	Effect of Functional Group of Reactive Dye on Properties of Dyed Cotton Fabric, <i>By Md. Mahabub Hasan<sup>1</sup>, Sanjida Sultana<sup>2</sup>, and Shah Mohammad Fatah-ur-Rahman<sup>1</sup>; <sup>1</sup>Dept. of Textile Engineering, Bangladesh University of Business &amp; Technology; <sup>2</sup>Dept. of Textile Engineering, Primeasia University Bangladesh</i>	11-14
6	Advance in Virtual Prototyping: Opportunities for Clothing Manufacturers, <i>By Abu Sadat Muhammad Sayem, Dept. of Apparel, Manchester Metropolitan University (MMU), UK</i>	15-17

### Plenary Session & Technical Session 3: Sustainability and Industrial Issues [2:30pm to 4:30pm]

Chief Guest: Prof. Mashud Ahmed, Hon'ble Vice Chancellor, Bangladesh University of Textiles (BUTEX)

Session Chair: Prof. Dr. Md. Zulhash Uddin, Bangladesh University of Textiles (BUTEX)

Special Guests: 1) Prof. Syed Fakhru Hasan, Dean, School of Science & Engineering, Southeast University,

2) Engr. Md. Shafiqur Rahman, Chairman, Textile Division, IEB & Sr. Vice-President, ITET

3) Mr. Syed Mohammad Ismail, Country Manager, Huntsman Singapore Pte. Ltd., Bangladesh

Title of Paper & Presentation		Page
7	Electrochemical Approach for Treatment of Textile Effluents, <i>By Md. Saddam Hossain<sup>1</sup>, A. S. M. Hafizur Rahman Nixon<sup>2</sup>, Md. Abu Bin Hasan Susan<sup>1</sup>, M. Yousuf Ali Mollah<sup>3</sup>, and Md. Mominul Islam<sup>1</sup>; <sup>1</sup>Dept. of Chemistry, University of Dhaka, Bangladesh; <sup>2</sup>Esquire Group, Bangladesh; <sup>3</sup>University Grants Commission of Bangladesh</i>	18-20
8	Interventions related to Increasing Presence of Ready Made Garments (RMG) Industry of Bangladesh, <i>By Wasel Bin Shadat, Dept. of Economics, School of Social Sciences, University of Manchester, UK</i>	Presentation only
9	Problems and Prospects of Weaving Sector of Bangladesh, <i>By Md. Mahbubul Haque, Dept. of Textile Engineering, Daffodil International University, Bangladesh</i>	Presentation only