

**Annual Report, 2018**  
**Department of**  
**TEXTILE ENGINEERING**



**Seating Left to Right (Row 1): Farah Amreen, Senior Lecturer; Dr. Jagannath Biswas, Associate Professor; Professor Dr. Nitai Chandra Sutradhar, Distinguished Professor and Chairperson; Professor Dr. Ismail Chowdhury, Professor; Mr. Mahbubur Rahman, Senior Lecturer.**

**Seating Left to Right (Row 2): Md. Mazharul Helal, Lecturer; Md Mutasim Uddin, Lecturer; Nusrat Jahan Mousumi, Lecturer, Mr. Towhidur Rahman, Lecturer; Suraiya Ireen, Lecturer.**

**Standing Left to Right: Mr. Kamrul Hasan, Lab Technician; Mr. Pradip Kumar Datta, Lab Technician; Md. Saiful Islam, Lab Technician; Mr. Md. Ariful Islam, Co-ordination Officer.**

## ➤ **Overview of the Department**

The Textile Engineering Department of Green University of Bangladesh started its journey from 2008. Since its inception, the Department has been playing a dominant role in offering quality education. At present, Department of Textile Engineering of the Green University is a leading Department for Textile Engineering education in Bangladesh.

The Bachelor of Science in Textile Engineering program is designed to give students the fundamentals of latest Textile Engineering to develop a broader view leading to a more intelligent approach to industrial and organizational problems. In addition to theoretical lectures, this program offers extensive laboratory practice, field trip, research project and an industrial internship facility in modern textile mills.

The major focus of the B.Sc. in Textile Engineering curriculum is on four major areas – Yarn Manufacturing, Fabric Manufacturing, Wet Processing and Apparel Manufacturing. Undergraduate students specialize in one of these groups without compromising fundamental knowledge in Textile.

The Department has eight well equipped laboratories and highly qualified and experienced faculty members having degrees from home and abroad. The Department has been offering regular B.Sc. in Textile Engineering courses of four year duration and B.Sc. in Textile Engineering courses (week-end program) for Diploma holders.

The Department has academic collaboration with leading Textile Departments at home and abroad to facilitate student exchange, scholarship, joint research and credit transfer.

The year 2018 was an eventful year for Textile Engineering Department. A summary of various events are included in this annual report.

## ➤ **Vision Statement**

The Textile Engineering Department of GUB aspires to be a center of excellence for making transformative impact on the socio-economic development of the country in general and textile sector in particular with outstanding education, research and eco-friendly innovation.

## ➤ **Mission Statement**

The Textile Engineering Department of GUB is dedicated in preparing competent graduates in the field of textile engineering through adopting outcome based course curriculum, imparting quality education by qualified faculty members, enhancing research culture and developing leadership quality to serve the society and industry as responsive and ethically driven citizens.

## ➤ Objectives and Goal

The goals of the Department of Textile Engineering are to:

- a. Prepare the students for leadership role in textile industries and enable the students to be competent to pursue higher studies abroad.
- b. Perform research and development work in addition to assuming production responsibilities.
- c. To acknowledge the students with fundamentals of latest technologies and competitive marketing of finished products.

### 1. Award and Achievements

- a. Mr. Nakib-Ul-Hasan, Assistant Professor of TE Department has been awarded full funded Scholarship for pursuing PhD in USA.
- b. Mr. Shibanul Haque, Senior Lecturer of TE Department has been awarded full funded Scholarship for pursuing MSc in Japan.
- c. Mr. Azizul Islam, Lecturer of TE Department has been awarded full funded Scholarship for pursuing PhD in USA.

### 2. Arrivals, Departures and Promotions

- a. Professor Dr. Nitai Chandra Sutradhar, Distinguished Professor, has taken the charge of chairperson of the Department from 1 January, 2018.
- b. Mr. Nakib-Ul-Hasan (Assistant Professor), Mr. Shibanul Haque (Senior Lecturer), Mr. Azizul Islam (Lecturer) of TE department have been on study leave to pursue their higher study in USA and Japan.
- c. Ms. Suraiya Ireen (Lecturer) Joined the Department of Textile Engineering of GUB during Spring, 2018 and Mr. Md Mutasim Uddin (Lecturer), Mr. Md Mazharul Helal (Lecturer), Mr. Md Towhidur Rahman (Lecturer) Joined the Department of Textile Engineering of GUB during Fall, 2018.
- d. Mrs. Farah Amreen promoted as a Senior Lecturer from Lecturer in Fall, 2018.

### 3. Research and Publications

- a. Md Mahbubur Rahman, Md Mutasim Uddin, Farah Amreen Lamiya, Suraiya Ireen, Dr. Jagannath Biswas published a paper on Iconic Research and Engineering Journal (e-ISSN: 2456-8880), Vol. 02, Issue. 05, titled “Effects and evaluation of color fastness of different mordants on knit fabric dyed with onion outer skin.”

#### 4. Review and up-gradation of the existing syllabus

The existing syllabus of the regular four year B.Sc. in Textile Engineering program and the B.Sc. in Textile Engineering program for diploma holders has been reviewed and updated a per guide lines of the UGC. The revised syllabus was approved in the 26<sup>th</sup> academic council meeting held on 9 May, 2018 and implemented from fall 2018.

#### 5. Seminar organized by the department



- a. Textile Engineering Department & IQAC jointly organized a seminar on “Career Prospect & Challenges in Knit Dyeing” on 30th November 2018 at the IQAC Auditorium (Room: A-302). Honorable Vice Chancellor of the University Prof. Dr. Md. Golam Samdani Fakir was the chief guest of the program & Prof. Dr. Md. Fayyaz Khan , Pro Vice Chancellor was the special guest of the program. Prof. Dr. Nitai Chandra Sutradhar, Distinguished Professor and Chairperson of the Textile Engineering Department presided over the program. Rasheda Sarker Fancy, Vice President (Production), Anlima Textile Ltd was the keynote speaker. The faculty members of Textile Engineering Department along with students were present in the seminar. The seminar was a great success because around 130 students were present there.
  
- b. Textile Engineering Department & IQAC jointly organized a seminar on “Merchandising in RMG Sector- A Challenging Career” on 23rd November 2018 at the IQAC Auditorium (Room: A-302). Honorable Pro Vice Chancellor of the University Prof. Dr. Muhammad Fayyaz Khan was the chief guest of the program & Prof. Dr. Md. Fayzur Rahman , Dean,



FSE and Chairperson, Dept. of EEE was the special guest of the program. Prof. Dr. Nitai Chandra Sutradhar, Distinguished Professor and Chairperson of the Textile Engineering Department presided over the program. Mr. Md. Ferdous Mahmood Tanvir , Merchandiser of Debenhams was the keynote speaker. The faculty members of the Department of Textile Engineering were also present in the seminar. The seminar was a great success because around 150 students were present there.

- c. Youth School for Social Entrepreneurs (YSSE), a youth-led non- profit organization, has organized “Bangladesh Youth Symposium” in association with “Textile Engineering Department, GUB” on 6th December, 2018. The sessions had been arranged particularly for the youth society to let them have a clear understanding of the basic requirements of entrepreneurship, the strategies to follow while starting own venture, the tactics to market a new product/service in the market and the hurdles an entrepreneur faces in his/her path of success. “Engaging youth in entrepreneurship and make them aware them about the advantages and solutions of obstacles of self- employment”- was the theme of this event.

Dr. Atiur Rahman, Former Governor of Bangladesh Bank, was the chief guest of the



event. Honorable Vice Chancellor of the University Prof. Dr. Md. Golam Samdani Fakir presided over the program. Prof. Dr. Nitai Chandra Sutradhar, Distinguished Professor and Chairperson of the Textile Engineering Department focuses on the importance of youth entrepreneurship for the economic development of Bangladesh in his valuable speech. Head and Associate Professor of School of Business, Canadian University of Bangladesh, Mr. S.M. Arifuzzaman showed future entrepreneurs the possibility of Bangladesh in entrepreneurial arena. All the successful professionals, career coach and entrepreneurs shared their stories of the entrepreneurial journey, achievement, corporate success etc. An “Elevator Pitch Challenge” was arranged to inspire the audience to participate. Rokomari.com associated the event as strategic partner. Popular daily Bangla newspaper “The Daily Somokal” and “The Bangladesh Today” were the print media partners of the event. “CMUD Events” cooperated as the event partner. “CNI” was the online media partner and “Geniee 360 Digital Solutions” was the online marketing partner of the event.

## **6. Industrial visit and study tour**

### **a. Industrial Visit in Divine Fabrics Limited**

Textile Engineering Department of Green University of Bangladesh arranges mill visit in various reputed textile industries. This mill visit is organized every semester to inspire the students about textile sector. This gives practical knowledge about job life and its

environment.



It also enhances interaction between teachers and students. Around 40 students of different batches and three faculty members (Md. Mahbubur Rahman, Senior Lecturer; Md. Azizul Islam, Lecturer and Suraiya Ireen, Lecturer) were participated in a mill visit on **10<sup>th</sup> March, 2018** which was held in **Divine Fabrics Ltd**, Palli Biddut, Chandra kaliakoir, Gazipur. They visited knitting section, knit dyeing and finishing section, Yarn dyeing, all over printing, central laboratory and garments section. After visiting these departments there was also a special session conducted by the Executive Director of Divine Group, **Mr. Selim Reza**. His valuable speech was informative and inspirable for the students and they have learnt many effective things related with job life from such an experienced individual.

#### **b. Industrial Visit in Youth Fashion Limited**

Textile Engineering Department of Green University of Bangladesh has successfully completed an industrial mill visit consisting of Farah Amreen Lamiya (Lecturer, Department of Textile Engineering), Mr. Pradip Kumar Datta (Lab Technician) and 22 students of Textile Engineering department on 5<sup>th</sup> October 2018 to Youth Fashion Limited. During the session, students were taken to apparel production unit, fusing unit, quality control unit and also briefed



on various apparel processes including fabric cutting, fabric spreading etc.

Students had a great opportunity to learn about working environment and requirements in a Textile Industry. There was a question and answer session with the personnel of the aforementioned industry after the mill visit.

## 7. External peer review of IQAC

A workshop on “self-assessment data survey for non-academic staff” for ensuring contemporary and world class quality education was organized on 12.03.18 in the Department of Textile Engineering facilitated by Institutional Quality Assurance Cell (IQAC) of the university. The

honorable Chairperson of Dept. of Textile Engineering, Distinguished Prof. Dr. Nitai Chandra Sutradhar, Dr. Jaganath Biswas, Director, IQAC; were present as special guests in the workshop.



Along with other five departments of GUB, Department of Textile Engineering also got very good in Self-assessment report of external peer review.

## 8. Proceedings Regarding IEB accreditation

In this year an IEB team visited Department of Textile Engineering, Green University of Bangladesh from 26/9/18 to 28/9/18. We have got very positive response from the specialist team of IEB and hopefully we will get official accreditation within a very short time.

## 9. Orientation program for fresher's, 2018

At the beginning of each semester, Department of Textile Engineering arranges Fresher's orientation program for the newly admitted students of the Dept. In 2018, three such programs were arranged in three semester i.e. Spring (batch - 181), Summer



(batch - 182), and Fall (batch - 183) by the Department. With the presence of all the faculty members, Textile Club executives and senior students, the fresher's got a grand welcome to the 'Textile Family'. The main objective of the orientation program is to make the students familiar with the Department, to equip themselves with the general guidelines regarding their studies and career. Textile club members made a power point presentation regarding club activities and job prospects in Textile Industry.

## 10. Textile Club Activities

- a. **Observation of International Mother Language Day and publication of Deyalika** A discussion program & Rally was held for observing Language Martyrs Day and International Mother Language Day at Green University of Bangladesh where the speakers shared their opinions and paid tributes to the souls of the Martyrs. In the early morning, Green University brought out a rally from the university premises to Central Shaheed Minar and paid tribute through placing floral wreath to the martyrs of historic Language movement who sacrificed their lives for the recognition of Bangla as one of the state language of East Pakistan in 1952. Faculty members and students of the Textile Engineering Department took part in the discussion and rally.

A deyalika was published on the brink of International Mother Language Day to pay tribute to the National heroes, who gave their life to save our mother tongue. There was also a prize giving ceremony during this program. Writers of best articles in Deyalika were rewarded by honorable Dean of the faculty of Science and Engineering.

b. **Organization of Iftar Mahfil** Textile Engineering Department always tries to facilitate and strengthen the bonding between present under-graduate student and Alumni association of Textile Engineering Department. Due to this reason an Iftar Mahfil was arranged in 2018 to cherish the spirit of Holy Month of Ramadan and to have a quality discussion about future career goal of each student.



c. **Visit to Textile Expo** International exhibition for the entire Textile and Garments Industry of Bangladesh held from 12/9/18 to 15/9/18. The students of Department of Textile Engineering, Green University of Bangladesh visited the expo on 15/9/18.



