



THE UNIVERSITY
IMPACT
RANKINGS
2nd Top Ranked University in Bangladesh

★ ★ ★ ★ | **WURI** | WORLD'S
UNIVERSITIES
WITH REAL IMPACT

B.Sc in

TEXTILE ENGINEERING



WUB

WORLD UNIVERSITY
OF BANGLADESH

A University for Quality & Utilitarian Education

Recipient of permanent approval

Apply Online
apply.wub.edu.bd
www.wub.edu.bd

World University of Bangladesh (WUB)

ESTABLISHED IN 2003

The University is approved and recognized by the Ministry of Education, Government of the People's Republic of Bangladesh and the University Grants Commission (UGC) of Bangladesh. It is a leading university for utilitarian education. The University has so far produced as many as 12000 graduates in its eleven departments covering twenty five programs. None of its degree holders are unemployed implying its commitment to offer up to-date and quality education.

The vision of the University is to create leaders who will make their brain the tiniest laboratory capable of making enormous contributions to economic emancipation and social well-being.

B.Sc. in Textile Engineering

The apparel industry is the largest remittance earner in Bangladesh. This sector is still lacking professional or skilled manpower and there is a scope for us to produce qualitative Textile Engineers. WUB opened the Department of Textile Engineering for utilitarian education for economic emancipation. We have our own laboratory (yarn manufacturing, fabric manufacturing, wet processing & garments manufacturing) for the practical training of the students.

Objectives: To create competent manpower in the sector who will be capable of contributing effectively in the face of mounting competition.

Credit Hours & Duration: Minimum 169 Credit hours (Duration 4 years for 12 Semesters) for HSC or equivalent passed students. For diploma engineers minimum 148 credit hours in less than 12 semesters.

Admission Requirements: 2nd Division or GPA of 2.50 in S.S.O and H.S.C Separately or total GPA of 6.00 with minimum GPA of 2.00 either in S.S.C or in H.S.C or total GPA of 5.00 in SSC & HSC for wards of the freedom fighters or minimum 5' 0 Level, 2' A Level courses or equivalent. Diploma holders are also admitted with waiver of courses.

Admission Requirements for Diploma Engineers:

Diploma in any branch of Engineering



FOCUS ON UTILITARIAN
EDUCATION FOR ECONOMIC
EMANCIPATION

Course Structure of Textile Engineering :

Semester 1:

Course Code	Course Name	Credit Hours
ENG 101	Functional English	3
MATH 102	Calculus	3
CHEM 103	Chemistry	3
CHEM 104	Chemistry Lab	1.5
TE 105	Natural Fiber	3
BUS 220	Bangladesh Studies	2

Semester 2:

Course Code	Course Name	Credit Hours
PHY 201	Physics	3
PHY 202	Physics Lab	1.5
TE 203	Polymer Science	3
TE 204	Yarn Engineering-I	3
TE 205	Yarn Engineering-I Lab	1.5
MATH 206	Matrix and Vector Analysis	3

Semester 3:

Course Code	Course Name	Credit Hours
TE 301	Man Made Fiber	3
TE 302	Fabric Engineering-Weaving	3
TE 303	Fabric Engineering-Weaving Lab	1.5
TE 304	Engineering Drawing	2
BAN 320	Bangla Literature	2
MATH 306	Statistics	3
TE 307	Comprehensive viva -I	1

Semester 4:

Course Code	Course Name	Credit Hours
TE 401	Mechanics of Materials	3
TE 402	Wet Process Engineering-I	1.5
TE 403	Wet Process Engineering-I Lab	3
TE 404	Apparel Engineering-I	3
TE 405	Apparel Engineering-I Lab	1.5
TE 406	Fundamentals of Computing and Programming	3

Semester 5:

Course Code	Course Name	Credit Hours
TE 501	Yarn Engineering-II	3
TE 502	Yarn Engineering-II Lab	1.5
TE 503	Textile Testing & Quality Control-I	3
TE 504	Textile Testing & Quality Control-I Lab	1.5
TE 505	Textile Physics	3
TE 506	Industrial Management	3

Semester 6:

Course Code	Course Name	Credit Hours
TE 601	Fabric Engineering-Knitting	3
TE 602	Fabric Engineering-Knitting Lab	1.5
TE 603	Elements of Electrical & Mechanical Engineering	3
TE 604	Elements of Electrical & Mechanical Engineering Lab	1.5
TE 605	Application of Computer in Textile	3
TE 606	Application of Computer in Textile Lab	1.5
TE 607	Comprehensive viva-II	1

Semester 7:

Course Code	Course Name	Credit Hours
TE 701	Wet Process Engineering-II	3
TE 702	Wet Process Engineering -II Lab	1.5
TE 703	Apparel Engineering-II	3
TE 704	Apparel Engineering-II Lab	1.5
TE 705	Theory of Machine and Machine Design	3
TE 706	Technical Textiles	3
TE 707	Principles of Marketing	

Semester 8:

Course Code	Course Name	Credit Hours
TE 801	Fabric Structure and Design	3
TE 802	Fabric Structure and Design Lab	1.5

Semester 9:

Course Code	Course Name	Credit Hours
TE 901	Management and Maintenance of Textile Machinery	3
TE 902	Quality Management	3
TE 903	Production Planning and Supply Chain Management	3
TE 904	Environment and Pollution Control	3
TE 905	Apparel Merchandising	3
TE 906	Comprehensive viva-III	1

Semester 10:

Course Code	Course Name	Credit Hours
TE 1001	Principles of Fiber to Apparel Engineering	3
TE 1002	Professional Communication & Entrepreneurship	3
TE 1003	Optional Course-I/II/III/IV*	3
TE 1004	Optional Course-I/II/III/IV* Lab *	1.5

Semester 11:

Course Code	Course Name	Credit Hours
TE 1101	Optional Course-I/II/III/IV*	3
TE 1102	Optional Course-I/II/III/IV Lab *	1.5
TE 1103	Dissertation/Project	3

Semester 12:

Course Code	Course Name	Credit Hours
TE 1201	Optional Course-I/II/III/IV*	3
TE 1202	Internship	3
TE 1203	Comprehensive viva -IV	1





Elective Courses: students are required to choose six (6) courses from each elective course that is, 21 credits must be completed from the elective courses.

Class Timing: Morning, Day & Evening. However, evening classes are meant for employed persons.

Name of Different laboratories :

- Yarn manufacturing
- Fabric manufacturing (weaving and knitting)
- Wet processing (dyeing, printing and finishing)
- Apparel manufacturing (pattern making, marker making, cutting and sewing)
- Textile Texting and Quality Control
- Fabric Structure and Design
- Computer laboratories



Credit Transfers/Exemptions:

Students can transfer their credits to World University of Bangladesh provided they can submit evidence of previous credits completed from a recognized university or university college of any Commonwealth country. Moreover, students with HNC, HND and Diploma from the BTEB or any recognized examination bodies will be given necessary credit exemptions so that they can finish their courses in a shorter period.



Industrial Collaboration :

The Textile Engineering department always maintains a close and collaborative relationship with the renowned Textile and Apparel industries and various research institutes for executing the academic activities more smoothly and in an advanced way. Seminars and mill visits are organized on regular basis to update the students and the faculty members with latest technological developments.

Some of Our Key Strengths :

One of the major strengths of our department is that world-renowned educationist in the top management and decision making level in WUB as well as highly qualified full-time faculty members in the department. From the very inception, WUB is very selective and has recruited the best quality faculty members having extra-ordinary academic background with vast industrial experience. Beside this we have also some strength to prepare our students as a future leader:



Collaboration : Collaboration with Universities of USA, UK, Germany, China, Australia , Japan ,Italy, Russia, Latvia , Portugal, Malaysia, Phillippines, Vietnam, Malawi, Uganda, Iraq, Iran, Spain, Swizerland, Puerto Rico, Georgia, South Africa, Nigeria, Kazakhstan, Palestine and many more
List of Partner Universities at http://www.wub.edu.bd/international_students/partners_international

Alumni Relations : The aim of the association is to build an interactive strong WUB community around the world. Alumni are the number one priority for the university and the university helps them to engage with all the current students, develop their professional growth, and assist them to conjoin with other alumni of the association.





World University of Bangladesh (WUB) at a Glance-

- * A magnificent new Campus
- * A supportive Learning Environment
- * A fully comprehensive University
- * 300 Faculty members and staff
- * International Recognition
- * 11 Departments, 25 day & evening programs
- * 5000 total students enrolled
- * More than 12,000 alumni
- * Active clubs - 15 * Lab 40
- * 4 Convocations Concluded

Academic Session :

The course are run by semester system, each year consist of 3 semesters. Spring (Jan-Apr), Summer (May-Aug) and Fall (Sep-Dec) Semester.

Admission Procedure :

Apply online or by physical presence; submit all relevant papers and documents; Seat for admission test if your total of CGPA in SSC and HSC is below seven; alternatively you have to face viva-voce; obtain a positive instruction and make payments.

Financial Aid : WUB provides a number of scholarships and financial grant to the deserving students to meet their tuition fees . To be considered for this Scholarship, a student must achieve for both SSC and HSC (or its equivalents): Golden GPA-5.00=100%, GPA-5 (1 Golden)= 80%, Normal GPA-5=70%, GPA 4.26-4.99=45%, GPA-3.5-4.25=35%, GPA 3.00-3.49=25% and GPA 2.50-2.99=20%. Special scholarship for female students, siblings, spouse, athletes, group and many other. Best performers of each semester will enjoy full free scholarship for that semester.

International Affairs Division

For information regarding the Section's activities, please refer to the following link: http://www.wub.edu.bd/international_students/overview





Career Opportunities

- Specialized Government job in different arena
- Different research organizations, Universities and institutes
- Spinning (yarn manufacturing) factories
- Fabric manufacturing (Knitting and Weaving) factories
- Dyeing, Printing, fabric finishing factories
- Garments manufacturing, Washing and Embroidery factories
- National and International trading house
- Garments buying house
- Liaison office of different foreign buyers
- Fashion and design houses
- Different commercial company
- There is also opportunity for higher study (M. Sc. And PhD) in home and abroad for those who intend to build career in teaching and research fields.



Other Facilities :

- Remedial English course till the students attain fluency.
- Remedial courses for Computer Science & Mathematics.
- Student-friendly fee and payment system.
- Day & Evening classes, Friday-Saturday classes for professionals and service holders.
- Hostel facilities for ladies & mofassil students.
- Well equipped class rooms and state-of -the art Labs and modern teaching aids.
- Students' membership with professional, social and cultural organizations.
- Teaching with full-time teachers supplemented by guest teachers from DU, BUET, JU,RU, JNU, DUET and other professional bodies.
- Different performance-based scholarship & stipend.

Some Distinguished Faculty Members:

Full time & Adjunct

Dr. Engr. Shah Alimuzzaman Belal, CTEXT. FTI	Advisor
Md. Mostafizur Rahman, B.Sc.Engg., M.Sc. Engg. (MBSTU)	Asst. Profesor & HOD
Ahsan Ullah, B.Sc.Engg., M.Sc.Engg. (UK)	Sr. Lecturer
Faisal Ahmed, BA (Hons.), MA (UK)	Sr. Lecturer
Nabila Ahsan, BA (Hons.) MA (UK)	Sr. Lecturer
Mourin Barua, BA (Hons.), MA (DU), M.Phil (UK)	Sr. Lecturer
A.B.M. Hafizul Alam, B.Sc. Engg. (BUTex)	Lecturer
Md.Enamul Haque, B.Sc.Engg. (KUET)	Lecturer
A.F.M. Fahad Halim, B.Sc.Engg (BUTex)	Lecturer
Dibakar Chowdhury, B.Sc.Engg. M.Sc.(BUTex)	Lecturer
Md. Shamsuzzaman, B.Sc. Engg., M.Sc.(BUTex)	Lecturer
Md. Sydur Rahman, B.Sc., M.Sc. (CU), M.Phil. (BUET)	Lecturer
Md. Malek PK, B.Sc.(Hons.), MS(JU),MBA (JU), M.Phil (BUET)	Lecturer
Md. Ashiqur Rahman, B.Sc.Engg., M.Sc. Engg.(UK)	Lecturer
Malaz Rahman Khan, B.Sc.Engg (BUTex)	Lecturer
Ajoy Roy , B.Sc., Msc (DU)	Lecturer
Dip Das B.Sc., Msc (BUTex)	Lecturer
Umme Salma Ferdousi B.Sc., Msc (BUTex)	Lecturer



Honorable Vice Chancellor Professor Dr. Abdul Mannan Choudhury is seen to have received the Business Executive Award 2017 at South Asian Partnership Summit.

Vice-Chancellor

Professor Dr. Abdul Mannan Choudhury

MBA (Manchester-Business School), PhD (London)

Formerly ; Selection Grade Professor of DU

Chairman, Dept. of Management, DU

Academic Dean; Bayero University, Kano, Nigeria

Director, EMBA, & Chairman, Department of Management, DU

Proctor DU; Provost, S.M. Hall (DU)

Founder Chairman, MIS Dept. DU



Permanent Campus :

Avenue 06 Road and Lake Drive Road, Sector # 17/H, Uttara, Dhaka- 1230

Cell: 01783651567, 01955384008, 01998421422, 01783651523