

**Prof. Dr. Mohammad Forhad Hossain**

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Main Building, Bangladesh University of Textiles BUTEX), Tejgaon, Dhaka 1208  
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**PERSONAL INFORMATION**

Gender	: Male	Present address:
Date of Birth	: 1 <sup>st</sup> January 1977	House -27, Road -7, DIT Project, Merul Badda, Dhaka.
Nationality	: Bangladeshi	Permanent address:
Marital status	: Married	Vill: Sharifpur, PO: Darichar, PS: Homna, Dist:
Father's name	: Md. Akhtaruzzaman	Cumilla
Mother's name	: Mrs Momotaj Begum	

**PROFESSIONAL SUMMARY**

Highly committed and results-oriented professional with over 24 years of progressive experience in industry, research, education, administration, project management, fund management, and procurement management. Experienced in partnering with international organizations, including Asian Development Bank (ADB) and World Bank (WB), on capacity-building projects within the education sector in Bangladesh. Skilled in planning, executing, and managing multi-million-dollar projects aimed at improving education quality, workforce skills, and institutional governance.

In my current roles as a professor, academic leader, and administrator at the higher education institutions (HEIs) of Bangladesh, I have demonstrated effective leadership in curriculum development, academic planning, educational quality assurance, and accreditation, etc. I led the formulation of **BUTEX's first Strategic Plan: 2023-2032**, a comprehensive framework aimed to guide the university's development, resource management, and academic and infrastructural development over the next decade. As this master piece is my brain child, I want to lead the implementation of this strategic plan.

**EDUCATIONAL QUALIFICATIONS**

Degree	Institution	Country	Result	Passing year
PhD in Textile Science & Technology	The University of Manchester	UK	Pass (with minor corrections)	2015
MSc in Industrial Engineering (Major in Textiles)	Swedish School of Textiles (University of Boras)	Sweden	Pass	2008
BSc in Textile Technology	University of Dhaka	Bangladesh	1 <sup>st</sup> Class	1999
HSC	Govt. Science College, Dhaka Board	Bangladesh	1 <sup>st</sup> Division (with star marks)	1994
SSC	Dulalpur CM High School, Cumilla Board	Bangladesh	1 <sup>st</sup> Division (with star marks)	1992

**PROFESSIONAL EXPERIENCE***a) Academic Position*

Sl	Period	Position	Employer	Key responsibilities
2	30/09/2017 to present	Professor	Dept. of Dyes & Chemical Engineering, BUTEX	Conducting research and lectures in undergraduate and postgraduate level. Academic Planning & Management, Monitoring & Evaluation, Students' counseling. Supervising a PhD student.
3	18/07/2016 – 29/09/2017	Associate Professor	Dept. of Wet Process Engineering, BUTEX	Conducting research and lectures in undergraduate and postgraduate level.
4	02/06/2011 – 17/07/2016	Assistant Professor	Dept. of Wet Process Engineering, BUTEX	Conducting research and lectures in undergraduate.
5	26/01/2003 – 01/06/2011	Lecturer (Tech)	Dept. of Wet Process Engineering, BUTEX	Conducting research and lectures in undergraduate.

***b) Educational Leadership and Administration***

<b>Sl</b>	<b>Period</b>	<b>Position</b>	<b>Employer</b>	<b>Key responsibilities</b>
1	17/04/2023 to present	Head, Department of Dyes & Chemical Engineering	Bangladesh University of Textiles (BUTEX)	Educational Leadership, Administration & Management, Academic Planning & Management, Monitoring, Evaluation & Quality Assurance, Students' Counseling and dealing student's issues, Fund Management, and Supply Chain & Procurement of the Department, Liaison with University Higher Authority and Industry, etc.
2	March/ 2021 to April/ 2023	Dean, Faculty of Textile Chemical Engineering	Do	Educational Leadership, Monitoring, Evaluation & Quality Assurance, Liaison with University Higher Authority, Collaboration with other Universities and Industry, etc. Monitoring Blended Education System in Teaching-Learning & Assessment. Led to provide <b>"Dean's Award-2023"</b> to the Faculty's meritorious students for the first time of BUTEX.
3	May/ 2017 to March/ 2021	Head, Department of Dyes & Chemical Engineering	Bangladesh University of Textiles (BUTEX)	Educational Leadership, Administration & Management, Academic Planning & Management, Monitoring, Evaluation & Quality Assurance, Students' Counseling and Dealing the student's issues, Fund Management, and Supply Chain & Procurement of the Department, Liaison with University Higher Authority and Industry, etc.
4	Session: 2015 - 2016	Central Co-ordinator, Postgraduate program, BUTEX	Bangladesh University of Textiles (BUTEX)	Academic Planning & Management, Monitoring, Evaluation & Quality Assurance, of master program of Bangladesh University of Textiles.
5	March/ 2015 to April/ 2017	Head, Department of Wet Process Engineering	Bangladesh University of Textiles (BUTEX)	Educational Leadership, Administration & Management, Academic Planning & Management, Monitoring, Evaluation & Quality Assurance, Students' Counseling, Fund Management, and Supply Chain & Procurement of the Department, Liaison with University Higher Authority and Industry, etc.

***c) Administrative Leadership and Co-ordination***

1	July/ 2024 to continue	Deputy Director, Executive Development Centre, BUTEX	SICIP-EDC-BUTEX project (A skill development project funded by ADB)	Planning, scheduling and coordinating the skill development training program for the managers and executives working in textile and apparel industries in Bangladesh. Quality Assurance, Monitoring & Evaluation of the training program, Complain management, Job Tracking Management, Monitoring & Evaluation, etc.
2	July/ 2023 to continue	Director (Planning & Development)	Do	Ensuring the Supply & Demand Chain Management, Procurement Management and Contract Management as the Procuring Entity, Preparing Project Proposal, Project Planning & Management, Fund Management, Reporting, Communication & Coordination with different stakeholders, etc.
3	January/ 2018 to 31 March 2024	Deputy Director, Executive Development Centre, BUTEX	SEIP-EDC-BUTEX project (A skill development project funded by ADB)	Project Management and Implementing the Business Plan signed between SDCMU, SEIP and BUTEX, Planning, scheduling and coordinating the skill development training program for the managers and executives working in textile and apparel industries in Bangladesh. Quality Assurance, Monitoring & Evaluation of the training program, Complain management, Job Tracking Management, Monitoring & Evaluation, etc.

4	January/ 2017 to June 2017	Co-ordinator, TNA	SEIP, Ministry of Finance, The Government of the People's Republic of Bangladesh	Conducting Training Need Assessment for the Executives working in the Textile and Apparel Industry of Bangladesh. Preparing Course Curriculum for PGD in Textiles program as well as the Business Plan for executing this program with the financial support of ADB through SEIP.
5	January/ 2016 to continue	Director, Institutional Quality Assurance Cell (IQAC)	UGC-HEQEP-BUTEX project (a Higher Education Quality Enhancement project funded by World Bank)	Quality Assurance in education system, Program Self-Assessment, Curriculum development and implementation of Outcome-Based Education (OBE) in tertiary education level. Arranging and conducting in-house seminar, workshop and training for up-skilling the academic and nonacademic staff, and students. Last five years I organized about 100 trainings/workshops/seminar and other events, etc.
6	March/ 2011 to September/ 2011	Director, Students Welfare	Bangladesh University of Textiles (BUTEX)	Dealing the students' issues. Conflict Management, Office Management. And Fund Management, etc.
7	August/ 2009 to September/ 2011	Provost, S A Hall	Do	Dealing the students' issues and ensuring the residential facilities of the students. Conflict Management, and Fund Management, etc.
8	January/ 2011 to September/ 2011	Assistant Registrar	Do	Dealing the students' issues. Office Management,
9	March/ 2000 to January/ 2003	Production Executive	Sinha Textiles Ltd (A 100% export-oriented textile industry)	Looking after knitting, dyeing, and finishing, and quality control, etc.

***d) Project Management, Fund Management, and Procurement Management Roles***

<b>Sl</b>	<b>Period</b>	<b>Position</b>	<b>Employer</b>	<b>Key responsibilities</b>
1	July 2024 to present	Deputy Director, SICIP-EDC-BUTEX	SICIP-EDC-BUTEX project (A skill development project funded by ADB)	Preparing Project Proposal, Project Planning & Management, Budgeting and Fund Management, Supply & Demand Chain Management, Procurement Management, Financial Reporting, Audit Management, etc.
2	July/ 2021 to Jun/ 2022	Project Lead, Establishment of DCE Lab	BUTEX	Led to prepare technical specifications and STDs, executing e-GP tender process to procure laboratory machinery for establishing Dyes & Chemical Engineering Lab at the Department of Dyes & Chemical Engineering, BUTEX
3	January 2018 to 31 March/ 2024	Deputy Director, SEIP-EDC-BUTEX	SEIP-EDC-BUTEX project (A skill development project funded by ADB)	Preparing Project Proposal, Project Planning & Management, Budgeting and Fund Management, Supply & Demand Chain Management, Procurement Management, Financial Reporting, Audit Management, etc.
4	January 2016 to December 2018	Director, Establishment of Institutional Quality Assurance Cell (IQAC) at BUTEX	UGC-HEQEP-BUTEX project (a Higher Education Quality Enhancement project funded by World Bank)	Preparing Project Proposal, Project Planning & Management, Budgeting and Fund Management, Supply & Demand Chain Management, Procurement Management, Financial Reporting, etc.

## **EXPERIENCE AS A RESOURCE TRAINER**

### **i) Accreditation of Higher Education**

Area of expertise:

Auditor & Reviewer, Pedagogy, OBE Curriculum design and Teaching-learning & Assessment in Higher education, etc.

Employer: Bangladesh Accreditation Council (BAC), Board of Accreditation of Engineering and Technical Education (BAETE)

Duration: July 2021 to till today

### **ii) Quality Assurance and Peer Review of Higher Education**

Area of expertise:

- Quality Assurance, Self-assessment, Peer-review, and Curriculum Design for Higher education
- Writing of Self-assessment Report, Peer Review Report, Post Self-Assessment Improvement Plan, etc.  
I have been conducting program level peer-review since July 2017, and completed about 10 peer-review works.

Employer: University Grants Commission of Bangladesh (UGC) and HEIs

Duration: July 2017 to till today

### **iii) Resource Trainer**

Area of expertise:

- Conducting training sessions on Pedagogy, Teaching-learning & Assessment techniques, Rubrics, Curriculum design and Content development, etc.
- Quality Assurance, Self-assessment, Blended Education Techniques, Application of Online Educational Tools & Learning Management System (LMS), Academic writing,
- Classroom Management, Exam room Management, Roles & Responsibilities of University Teachers, Office Management – Etiquettes, Manners and Protocol, etc.
- Public Procurement Management, Income Tax Return preparation, etc.

Employer: Bangladesh University of Textiles (BUTEX)

Duration: July 2017 to till today

## **SPECIAL ROLES**

Position: Member of Syndicate, Member of Academic Council, Member of Finance Committee, Member of Recruitment Committee, Member of Procurement Committee

Employer: Bangladesh University of Textiles (BUTEX)

Duration: different period from January 2017 to till today

## **PROJECT EVALUATION**

- Renovation and Modernization of Jorargonj Textile Engineering College, FY 2005-2006, Ministry of Textiles & Jute, GoB.
- Capacity-Building of Laboratory facilities of National Institute of Textile Engineering and Research (NITER), 2006-2007 Ministry of Textiles & Jute, GoB.

## **CONTRIBUTION INSTITUTIONAL REFORMATION & EXPANSION**

i) Position: **Chairman of the Committee** for Preparing Project Proposal for Further Development, Expansion, and Modernization of BUTEX

Employer: Bangladesh University of Textiles (BUTEX)

Duration: February 2020 to 2022

Key responsibilities: This project proposal comprises the huge soft development and hard development activities targeting to avail Asian Development Bank (ADB) fund.

ii) Position: **Chairman of the Committee** for preparing BUTEX Strategic Plan 2023 – 2032

Employer: Bangladesh University of Textiles (BUTEX)

Duration: February 2020 to March 2021

Key responsibilities: Preparing a comprehensive strategic development plan for Bangladesh University of Textiles (BUTEX). This Strategic Plan for BUTEX is the first of its kinds. It was a huge

job that comprises all the soft and hard development for upgrading and capacity building the BUTEX from all aspects.

- iii) Position: **Key person** for preparing **MoU and Business Plan** for Establishment of Executive Development Centre (EDC) at BUTEX – funded by ADB  
Employer: SEIP, Ministry of Education – an Asian Development Bank (ADB) Project  
Duration: July – December, 2017 (Tranche 2) and July – December, 2021 (Tranche 3)  
Key responsibilities: Preparing Project Proposal and MoU (Business Plan for Tranche 2 & 3)
- iv) Position: **Team Leader** to prepare **IQAC Project proposal** under HEQEP – funded by World Bank  
Employer: Bangladesh University of Textiles (BUTEX)  
Duration: October – December, 2015  
Key responsibilities: Preparing Project Proposal for introducing and implementation Quality Assurance standards and Self-Assessment exercise at BUTEX using World Bank fund.
- v) Position: **Key person** for preparing **Training Need Assessment (TNA)**  
Employer: SEIP, Ministry of Finance – an Asian Development Bank (ADB) Project  
Duration: January 2017 to June 2017  
Key responsibilities: Conducted a survey visiting textile & apparel industries located in Gazipur, Savar, Narayanganj, Narsingdi to identify the skill gaps of local managers and executives working in these industries. Based on the findings of that survey, a Training Need Assessment (TNA) report was prepared for establishing an Executive Development Centre (EDC) at BUTEX using the fund from ADB. A need-based training curriculum was developed under this short project for upskilling the local managers and executives working in textile and apparel industry of Bangladesh.
- vi) Position: **Key person** in implementing of **Outcome Based Education (OBE)** at BUTEX  
Employer: Bangladesh University of Textiles (BUTEX)  
Duration: January 2021 to June 2023

## **CONTRIBUTION TO POLICY-MAKING AND SYSTEM DEVELOPMENT**

- i) Position: **Chairman** of the Committee for preparing the **PhD Ordinance** for BUTEX  
Employer: Bangladesh University of Textiles (BUTEX)  
Duration: December 2021  
Key responsibilities: Preparing an Ordinance (academic rules and regulations) for launching PhD in Textile Program at BUTEX.
- ii) Position: **Chairman** of the Committee for preparing the **Undergraduate Academic Rules** of BUTEX for OBE implementation  
Employer: Bangladesh University of Textiles (BUTEX)  
Duration: March 2022-23  
Key responsibilities: Revision and reformulation of Bachelor of Science (B. Sc.) in Textile Engineering program of BUTEX. This is necessary to revise the existing academic rules to implement the Outcome Based Education (OBE) system at BUTEX. This will be a paradigm shift of traditional educational system to Outcome Based Education (OBE) system at BUTEX.

## **SOCIAL WORKS & COMMUNITY SERVICES**

- i) **General Secretary**, BUTEX Teachers' Association (BUTEX TA)  
Duration: 2019 – 2023 (2 term)  
Key responsibilities: Conflict Management, Negotiation, People Management, Planning & Organizing different programs and events, etc.
- ii) **Vice-President**, BUTEX Teachers' Association (BUTEX TA)  
Duration: 2015 – 2018 (2 term)  
Key responsibilities: Conflict Management, People Management, etc.
- iii) Experienced in organizing and taking part in different events, extracurricular activities, cultural programs, program anchoring, and voluntary social works.

## **PROFESSIONAL DEVELOPMENT & TRAINING (Key events)**

- i) 1-week (December 2023) **Training on China Education Development Experience Sharing and Partnership** programs, Peking University, Beijing, China, financed by ADB
- ii) 1-week (July 2023) **Training on University-Industry linkage and Collaboration with Hof University**, Germany, financed by HELD-GIZ.
- iii) Training Workshop on Excellence in Teaching Learning, Advance HE, sponsored by British Council

- iv) Participated in total 180 hours training and workshop on Quality Assurance, Self-Assessment, Teaching-learning & Assessment, Classroom & Exam room Management, Concept of Outcome-Based Education (OBE), OBE Curriculum Design & Content Development, Research Methodology & Academic Writing, Ethical Responsibilities of University Teachers, etc. between 2016 and 2018.
- v) 3-week (February 2021) **Training on Public Procurement**, ESCB, Gazaria, Munshigonj sponsored by CPTU, IMED, Government of Bangladesh and International Training Centre of the ILO.
- vi) 1-week (November 2019) **ToT on Chemical Management and Safety in Textile Industries**, GIZ, Dhaka.
- vii) 1-week (July 2018) **Training on Technology Transfer and Industrial Skill Development** programs, Peking University, Beijing, China, financed by ADB
- viii) 2-Week (May 2016) **Training on Quality Assurance in Higher Education**, Edu Leads Consulting, Malaysia, financed by World Bank
- ix) 4-Week (April 2003) **Training on Teaching Skill Development**, Directorate of Technical Education, Dhaka

## RESEARCH & PUBLICATIONS

### a) Ongoing Research

- Determination of consumption co-efficient of dyes and chemicals used in knit dyeing industries of Bangladesh (FY2023-24)
- Determination of consumption co-efficient of dyes and chemicals used in denim industries of Bangladesh (FY2023-24)

The findings of the above research would be very helpful for governmental policy-making for the revision of tax rebate on the imported chemicals used in export-oriented textile industries of Bangladesh.

### b) Published Key Articles

- i) Rahman, M., Uddin, MA., Shibly, MMH., Hossain, NB., Hossain, MF. and Rigout, M. (2021). Synthesis and Characterisation of Azo-Based Dichlorotriazine Reactive Dye with Halochromic Behaviour, *Tekstilec*, University of Ljubljana.
- ii) Md. Mahbubur Rahman, Mohammad Forhad Hossain and Mustafijur Rahman, (2021). Effectiveness of Carbon Electrode Electrolysis Effluent Treatment System in Textile Dyeing, *Journal of Textile Science & Fashion Technology*.
- iii) Mustafijur Rahman, Vinit Viduran, Kazi Sirajul Islam, Adnan Maroof Khan, Nusrat Binta Hossain, Mohammad Forhad Hossain and Mohammad Abbas Uddin, (2021). Development of Jute Hybrid Composites for use in the Car Panels, *Global Journal of Engineering Sciences*.
- iv) Hossain, M. F. (2019). Wound Care: A Material Solution, *Encyclopedia of Renewable and Sustainable Materials*; ELSEVIER.
- v) Md. Saiful Hoque, Samit Chakraborty, Md. Forhad Hossain, Md. Masud Alam, (2018). Knit Fabric Scouring with Soapnut: A Sustainable Approach Towards Textile Pre-Treatment, *American Journal of Environmental Protection*.
- vi) Hossain, M. F. & Gong, R. H. (2016). Silver-loaded Antibacterial Alginate Nanofibres: Preparation and characterization. *Journal of Fashion Technology & Textile Engineering*.
- vii) Hossain, M. F., Gong, R. H. & Rigout, M. (2016). Effect of polymer concentration on electrospinning of hydroxypropyl- $\beta$ -cyclodextrin/PEO nanofibres. *The Journal of The Textile Institute*.
- viii) Hossain, M. F., Gong, R. H. & Rigout, M. (2015). Preparation and characterization of poly(ethylene oxide)-loaded hydroxypropyl- $\beta$ -cyclodextrin nanofibres. *Polymers for Advanced Technologies*.
- ix) Hossain, M. F., Gong, R. H. & Rigout, M. (2015). Optimization of the process variables for electrospinning of poly(ethylene oxide)-loaded hydroxypropyl- $\beta$ -cyclodextrin nanofibres. *The Journal of The Textile Institute*.
- x) Hossain, M. F. (2009). CSR – its influence on Bangladesh textile and apparel industry, *Textile Asia*.

As well as, attended some local and international Conference Proceedings

### i) Books

- i) Chief Editor, *Textile and Apparel Dictionary (English-Bengali)*, Amin & Jahan Corporation, Dhaka, 2011
- ii) Author, *Practice of Textile Colouration (Vol. 1)*, 2010, Bookfair, Dhaka.

- iii) Author, Essential Wet Testing in Textiles, 2007, Prime Publications, Dhaka.
- iv) Author, Yasminer Ashru Vashe Meghe (a poetry book)

**j) Patent**

Mohammad Forhad HOSSAIN, Hugh R. GONG, Lucy BALLAMY (2016). ANTIBACTERIAL NANOFIBRES, US Patent WO2016176495A1.

**PRESTIGIOUS AWARD**

National Integrity Strategy (NIS) Award– 2024, BUTEX (This award is given to me for 1<sup>st</sup> time in the history of BUTEX)

**PROFESSIONAL MEMBERSHIP & AFFILIATIONS**

- Fellow of Textile Institute (CText FTI), UK
- Institutions of Engineers Association of Bangladesh (IEAB)
- Institutions of Textile Engineers & Technologist Association of Bangladesh (IEAB)
- Member, Editorial Board of the Journal of Textile Science, Wiley Publications, UK

**COMPUTER & LANGUAGE COMPETENCY**

- MS Word, MS Excel, MS Power Point and Other Necessary Office Software; Google tools, Zoom, Origin Pro, EndNote, Mendeley, etc.
- Good typing speed in Bangla and English
- Fluent in both Bangla & English