

### Faculties' research interests

| # | Name & Designation  | Email                  | Research Interests  |
|---|---|------------------------|---|
| 1 | Professor Dr. Engr. Ayub Nabi Khan<br>Pro Vice Chancellor, BUFT | provc@buft.edu.bd      | Yarn manufacturing process, product and process development, quality improvement, crisis management, productivity improvement textile fibres, technical & Composite, e-textiles, Circular textiles & its economy, fabric manufacturing, and textile & garments compliance.  |
| 2 | Professor Dr. Md. Abdul Jalil<br>Treasurer, BUFT                | abduljalil@buft.edu.bd | Natural Dye, Optimization of dyeing process, Waste water treatment, Analysis of water quality, Behavioral psychology, Questionnaires development on various social issues and validations, Data analysis, Development of green processes, Sustainability, Education, Environmental science, Material science, Catalysis and ligands synthesis, organic synthesis, organometallic, coordination chemistry, Asymmetric synthesis etc. |

| Dept. of Apparel Merchandising & Management |   |                           |   |
|---|---|---------------------------|---|
| #   | Name & Designation                                | Email                     | Research Interests  |
| 1   | Md. Rafiqul Islam Manik<br>Asst. Professor & Head | rafiquislam@buft.edu.bd   | Process design of garment manufacturing, Labor law in RMG industry, LCA of garment products, Sustainable textile, Technical textile, Recycling of garment products, Quality control tools, Total quality management in RMG industry, Merchandising practices in RMG industry. |
| 2   | Ms. Farhana Jannat<br>Asst. Professor             | farhanajannat@buft.edu.bd | Sustainable textile, CSR practices in RMG industry.   |



| Dept. of Apparel Manufacturing & Technology |   |                              |  |
|---|---|------------------------------|--|
| 1   | Dr. Engr. Md. Hasan Iqbal<br>Associate Professor & Head | ikbal@buft.edu.bd            | Smart materials, shape memory polymers, advanced composite materials, nano-composite materials, CNTs and graphene nano sheets, multi-functional composite materials, high performance textiles, finite element analysis & simulations, storage materials of different gases, recovery technology of resources, management of solid waste and wastewater, life-cycle analysis, effluent treatment, reuse of wastewater, sustainable development, sustainability in textile value chain, textile processing, green manufacturing, etc. |
| 2   | Mr. Biman Barua<br>Asst. Professor                      | biman@buft.edu.bd            | RMG ERP, Garment payroll and production automation, Electronic Commerce, Cloud Computing, e-Business, E-Governance, Software Engineering, Network and Server Administration etc.   |
| 3   | Umme Magreba Takebira Lira<br>Asst. Professor           | magreba@buft.edu.bd          | Pattern Drafting, Apparel Manufacturing,, Garments production process, Apparel Sizing System, Occupational Health and Environmental Safety Management, Apparel Merchandising, Microfiber pollution.  |
| 4   | Ms. Israt Jahan<br>Asst. Professor                      | ishratjahannadia@buft.edu.bd | Apparel manufacturing technology-(sewing techniques, cutting room management, finishing etc.),sustainability in textile, waste management, life cycle analysis, green manufacturing method, waste water management, supply chain management, e commerce, recycle of garments etc.  |
| 5   | Md. Monirul Islam Rajib<br>Asst. Professor              | monirulislam@buft.edu.bd     | Apparel merchandising, Lead time optimization in apparel industry, Apparel production, Quality control in apparel industry, Sustainability in  |

|   |   |                        |   |
|---|---|------------------------|---|
|   |   |                        | clothing industry, Green manufacturing, Garment washing technology etc.   |
| 6 | Mr. A.T.M. Mohibullah<br>Asst. Professor  | mohib@buft.edu.bd      | Apparel Manufacturing and Merchandizing, Garments Production And Process, Supply Chain Management, Pattern Cutting and Design, Apparel Sizing System, Garments Construction, Sustainability in Textile Value Chain, Sustainable Development, Occupational Health and Environmental Safety Management, Apparel Manufacturing Management, Apparel Business, Microfiber pollution, Stitching and Seam.   |
| 7 | Ms. Umme Lewara Bristi<br>Asst. Professor | ummelewara@buft.edu.bd | Application of chitosan and its derivatives as adsorbents for dye removal from water and wastewater, Developments of polysaccharide-based materials used as adsorbents in wastewater treatment, surface modification of silica particles as a adsorbent materials for dye-loaded waste water treatment, Implementation of Corporate Social Responsibility in the Ready-Made Garment Industry of Bangladesh in Order to Achieve Sustainable Development Goals etc. |

| Dept. of Fashion Studies |  |                         |   |
|--------------------------|--|-------------------------|---|
| 1                        | Mr. Rayed Barkat<br>Asst. Professor & Head | rayedbarkat@buft.edu.bd | Fashion Retail, Sustainable Fashion, Fashion Theory |
| 2                        | Mr. Sanjib Barua<br>Asst. Professor        | sanjibbarua@buft.edu.bd | Contemporary Drawing and Painting                   |



|   |  |                           |  |
|---|--|---------------------------|--|
| 3 | Ms. Sarmily Sarker<br>Asst. Professor        | sarmilysarker@buft.edu.bd | Traditional textile Design weaving, printing and dyeing technique, Natural dyeing, printing and eco printing, Industrial printing design process, Cultural identical visual design, Creative design process, Color research, Cross culture |
| 4 | Ms. Rumana Yasmin Natasha<br>Asst. Professor | rumana.yasmin@buft.edu.bd | Sustainability in design   |
| 5 | Ms. Nadia Tasni Piya<br>Asst. Professor      | nadiatasnim@buft.edu.bd   | Color Theory, Draping  |

| <b>Dept. of Fashion Design &amp; Technology</b> |  |                             |   |
|---|--|-----------------------------|---|
| 1   | Mr. Md. Ariful Islam<br>Asst. Professor & Head | arifulislam@buft.edu.bd     | Fashion Art and Make- up, Sustainable Fashion, Product development, Fast Fashion, Pattern, 3D pattern, Draping, Fashion Art, Surface Design and Development, Aesthetic value of clothing and fashion, Crafting and Fashion art, CSR Practice in Bangladesh Garments Industry. |
| 2   | Ms. Summaiya Sultana<br>Asst. Professor        | Summiyasultna@buft.edu.bd   | Pattern Construction, Draping, Sustainable Fashion, CSR   |
| 3   | Ms. Afroza Akter Rita<br>Asst. Professor       | afrozaakterrita@buft.edu.bd | Product development, Sustainable fashion, Impacts of fast fashion, pattern evaluation, Zero waste pattern, 3d pattern   |



|   |   |                            |  |
|---|---|----------------------------|--|
| 4 | Mr. Iftekhar Rahman<br>Asst. Professor          | iftekharrahman@buft.edu.bd | Fashion retailing, fashion business, international business, creativity, sustainable fashion, analytics                  |
| 5 | Mr. Md. Tanjibul Hasan Sajib<br>Asst. Professor | Tanjibulhasan@buft.edu.bd  | Computer aided design (CAD, Graphic Design), CAD based pattern design, Fashion designing Methodology                     |
| 6 | Ms. Kamrun Nahar Naznin<br>Asst. Professor      | Naznin.kamrun@buft.edu.bd  | Pattern Construction & Technique, Product Development, Sustainable Fashion, 3D Pattern Making, Design research & process |

| Dept. of English |   |                           |   |
|------------------|---|---------------------------|---|
| 1                | Dr. Mohammad Ali Azgor Talukder<br>Associate Professor & Head | azgortalukder@buft.edu.bd | Critical pedagogy; TESOL Methods, Syllabus Design & Testing; Language Policy; Literature, Society & Culture   |
| 2                | Ms. Mahmuda Iasmin Era<br>Asst. Professor                     | mahmudaiasmin@buft.edu.bd | English language, Postcolonial studies, Cultural studies, Ecofeminism and Eco criticism, South Asian and Bangladeshi literature in English, Media and Film. |
| 3                | Mr. Prokash Chandra Sarker<br>Asst. Professor                 | prokashsarker@buft.edu.bd | Literature, Cultural Studies, Film and Literature, Postcolonial Literature, Media and Representation, Gender Studies.                                       |

| Dept. of Business Administration |   |                            |   |
|----------------------------------|---|----------------------------|---|
| 1                                | Professor M. Mainuddin Khan<br>Dean Faculty of Business Studies | mmk@buft.edu.bd            | Risk assessment in project management , Network analysis in project management, Challenges being face during in project implementation, Performance evaluation, Industrial performance evaluation, Feasibility studies, Cost management in RMG sector, Use of control measures in enhancing RMG sector performance. |
| 2                                | Dr. Md. Kamrul Hasan<br>Associate Professor & Head              | kamrul.hasan@buft.edu.bd   | Consumer Behaviour in Social and Digital Marketing, Consumer Attitudinal Behaviour, Consumer Behavioural Intention, Community-based tourism, Pro-poor tourism, Coastal-based tourism, and Risk perception aspects in marketing.   |
| 3                                | Mr. SM Akterujjaman<br>Associate Professor                      | akterujjaman@buft.edu.bd   | Consumer Behaviour, International Marketing, International Business, Micro Credit for Small and Medium Enterprises, Corporate Social Responsibility.  |
| 4                                | Mr. Mallick Rakibul Hasan<br>Asst. Professor                    | mallickrakibul@buft.edu.bd | OECD Guidelines Effectiveness in Bangladesh, Employee Empowerment Scenario and its possible improvement avenues, Sustainable Development Goals achievements by Bangladeshi RMG Factories, CSR Benchmark Establishment for the RMG Sector of Bangladesh.   |
| 5                                | Ms. Syeda Hilmi Arfah<br>Asst. Professor                        | helmiafrah@buft.edu.bd     | CSR, Sustainable development in RMG sector, SRHR practices in Bangladesh, Innovative leadership in Bangladesh, International HRM, and Strategic Management  |



|   |  |                         |   |
|---|--|-------------------------|---|
| 6 | Mr. Md. Jahirul Islam<br>Asst. Professor | jahirul@buft.edu.bd     | International Accounting Standards (IASs)/ Bangladesh Accounting Standards (BASs), Financial Reporting, Earnings Management, Small and Medium Size Enterprises (SMEs), and Corporate Social Responsibility (CSR), etc.  |
| 7 | Mr. ATM Adnan<br>Asst. Professor         | atmadnan@buft.edu.bd    | Accounting issues related to financial markets and implications of accounting for the functioning of capital markets, research interest also covers the Dividend policy, Event studies, Financial implication of CSR, Earning Management and Financial reporting quality. |
| 8 | Ms. Nafisa Newaz<br>Asst. Professor      | nafisanewaz@buft.edu.bd | Marketing impact of social networking applications.   |

| Dept. of Knitwear Manufacturing & Technology |  |                            |  |
|--|--|----------------------------|--|
| 1  | Mr. Md. Abdur Rouf<br>Asst. Professor & Head | rouf_txt@buft.edu.bd       | E-Textile, Textile Composite, Textile Polymer, Fabric Structure & Designing, Non-woven, Life-Cycle Analysis, CAD, CAM , Soft Computing in Textile, Smart Textile, Technical Textile, Fibre Science, Textile Recycling, Sustainable Textile Manufacturing, Textile Marketing. |
| 2  | Ms. Sharmin Shoukat<br>Asst. Professor       | sharminshoukat@buft.edu.bd | Sustainable Textile, Smart textile, Reuse of waste water, Life cycle analysis, Textile composite.  |



| Dept. of Textile Engineering |   |                     |   |
|------------------------------|---|---------------------|---|
| 1                            | Professor Dr. Abu Bakr Siddique<br>Dean, Faculty of Textile Engineering | abubakr@buft.edu.bd | Renewable fibers, sustainable fibers, multi-functional fibers, bi-component fibers, high performance fibers, jute based geo-textiles, textile composite from sustainable natural and synthetic fibers, melt, wet, gel, electro, dispersion and dry spinning, multi-components and multi-functional natural and synthetic polymers for composite materials, new technologies for yarn manufacturing, new innovations in denim and sizing machine, high performance textile finishing, development of application technique of new natural dyes, weave, dye - and environmental simulations by computer programming, 3D composite structure for multidirectional reinforcements, sustainability in textile value chain, life-cycle analysis of textile materials, products and machine, development in new sustainable sizing Materials, intelligent and smart material developments, multi-functional nano technology: nano-composites, nano and ultrafiltration technique, design and development of high performance composites for weight structures, solid waste analysis and reuse in textile and RMG, recycling of textile waste, reuse of waste water and chemicals (ZDHC), application of cradle to cradle concept in textile value chain, computer aided design, application of computer in textiles, applications of bio-technology in textile, supply chain management in textile and RMG, and development of new textile machinery, products and processes design. |





|   |  |                           |  |
|---|--|---------------------------|--|
| 2 | Ms. Setara Begum<br>Asst. Professor & Head | setara.begum@buft.edu.bd  | Functional Finishing, Sustainable Textile Processing, Recycling of Textile Wastes, SMART Textile, Textile Composite from Natural Fibers, Nano-technology, Medical Textiles, Eco-Textile Dyeing and Finishing, Bio-technology, Denim Washing, Life-cycle Assessment of Textile Products, Sustainable Denim Processing/Treatments, Automation in Textile Dyeing, Natural Dyestuff/dyeing, Nano-dyeing Technology, and Process Optimization for Textile Dyeing. |
| 3 | Ms. Farhana Afroz<br>Asst. Professor       | farhanaafroz@buft.edu.bd  | Nonwoven textiles, Technological innovations in Woven fabric manufacturing process, Fabric Structure & Designing, Technical Textile  |
| 4 | Mr. Md. Ramij Hawlader<br>Asst. Professor  | ramijhowlader@buft.edu.bd | Textile Composite and nonwoven textiles  |

| <b>Dept. of Textile Engineering &amp; Management</b> |  |                           |  |
|--|--|---------------------------|--|
| 1  | Mr. Md. Mizanur Rahman<br>Asst. Professor & Head | mizanurrahman@buft.edu.bd | Methodological development of quantitative research methods, Textile supply chain, Measurement tools of intangible assets, Firm Performance, and Application of financial tools in textile project management. |
| 2  | Mr. Faisal Bin Alam<br>Asst. Professor           | faisalbinalam@buft.edu.bd | Sustainable Textile Production, Eco friendly Textile, Water and Energy saving technology for textile, Textile Waste Management, CSR and Sustainability, Textile supply chain, and Textile Marketing.           |



| Dept. of IE |   |                              |  |
|-------------|---|------------------------------|--|
| 1           | Dr. Md. Zillur Rahman<br>Asst. Professor & Head | dr.zillur_rahman@buft.edu.bd | Bio-composite materials and design of composite structures, Nanocomposite materials, Multifunctional composite, and hybrid materials, Mechanical and electrical properties of composites, Structural vibration and damping, Structure-property relationships in polymers, Materials for biomedical applications, and Simulation. |
| 2           | Mr. Faruk Ahmed<br>Asst. Professor              | faruk@buft.edu.bd            | Ergonomic design and human comfort, Productivity improvement, Lean management, Six-sigma, supply chain management.   |

| Dept. of Engineering |   |                    |  |
|----------------------|---|--------------------|--|
| 1                    | Professor Dr. Sirajul Karim Chowdhury<br>Dean, Faculty of Engineering Studies | skc@buft.edu.bd    | Thermo-fluid Dynamics                                      |
| 2                    | Ms. Rebeka Tanij Tania<br>Asst. Professor & Head, Engineering                 | rebeka@buft.edu.bd | Cloud Computing, mobile crowdsourcing, Computer Networking |
| 3                    | Dr. Nazia Muhsin<br>Asst. Professor   | nazia@buft.edu.bd  | Geographic Information System & Remote Sensing             |



| Dept. of Sciences |   |                           |  |
|-------------------|---|---------------------------|--|
| 1                 | Prof. Dr. Md. Ekram Ali Shaikh<br>Dean, Faculty of Sciences | ekram.ali@buft.edu.bd     | Material Science, Solid State Physics, Laser Raman Spectroscopy.   |
| 2                 | Md. Abdul Alim<br>Asst. Professor & Head                    | abdulalim@buft.edu.bd     | Fuzzy Set and Systems, Fuzzy Logic, Fuzzy Relations, Fuzzy Numbers, Operations Research.   |
| 3                 | Ms. Syeda Sabikum Nahar<br>Asst. Professor                  | alee.nahar@buft.edu.bd    | Finite Element Method, Hydrodynamics, Fluid Dynamics, Numerical Analysis, Numerical Modeling.  |
| 4                 | Ms. Taskeya Haider<br>Asst. Professor                       | taskeyahaider@buft.edu.bd | Magnetic behavior of amorphous alloys.   |
| 5                 | Mr. Md. Ashraf Mehbub<br>Asst. Professor                    | ashrafmehbub@buft.edu.bd  | Electronics, Condensed matter Physics, Fluid Dynamics, Thermodynamics.   |
| 6                 | Dr. Shahin Hasan<br>Asst. Professor                         | mdshahin_ru@buft.edu.bd   | Catalysis Organic Reaction, Dye Synthesis, Extraction of Natural, Products and their applications.   |
| 7                 | Dr. Md. Mohibul Islam Khan<br>Asst. Professor               | mohibulche@buft.edu.bd    | Surface modification by using different linker molecules for the determination of electrochemically active biomolecules, Synthesis of different nanomaterials like graphene, CNT, gold nanoparticles and their synergistic effect study, Kinetic study of different acid and base catalyzed reactions, Antimicrobial study of different natural leaves and seeds, DNA, antigen or antibody detection, Industrial effluent treatment. |
| 8                 | Mr. Md. Selim Reza<br>Asst. Professor                       | selim.reza@buft.edu.bd    | PC Based Virtual Instrumentation (Devices/Machines Operation & Control using LabVIEW), Fire Safety Engineering (Automatic Detection &  |



|  |  |  |   |
|--|--|--|---|
|  |  |  | Extinguishing Systems), Modern Microcontroller Based Systems (Hardware & Software Design and Development), Biomedical Instrumentation, Artificial Intelligence & Deep Learning. |
|--|--|--|---|

| <b>Dept. of Social Sciences</b> |   |                            |   |
|---------------------------------|---|----------------------------|---|
| 1                               | Md. Abdur Rakib<br>Asst. Professor and Head | abdurakib@buft.edu.bd      | Sociological theories, social capital, social compliance, corporate social responsibility (CSR), sustainable development, labour laws, challenges of RMG, job satisfaction & organizational commitment, organizational citizenship behavior (OCB), employee health & safety, performance appraisal, migration and autism. |
| 2                               | Ms. Rokshana Shirin<br>Asst. Professor      | rokshanashirin@buft.edu.bd | Food safety and security laws, consumer rights and protection, halal laws and regulation, ISO and compliance, corporate social responsibility, sustainable development, labour laws, challenges of RMG.   |