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DECENT WORK AND
ECONOMIC GROWTH

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SUSTAINABLE
DEVELOPMENT
GOALS

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● Recycling Post-Consumer Garments

This study analyzes 15 years of progress in recycling and reusing post-consumer garments (PCG) to address environmental challenges in the textile industry. Using Scopus bibliometric data (2010–2024), it explores advanced recycling technologies, including pyrolysis for bio-oil, nanofiber fabrication, and thermal-insulating textile production. The study highlights opportunities in circular economy models and socio-economic benefits, while discussing obstacles such as contamination, limited infrastructure, and reduced product quality. Practical guidelines for waste segregation and disinfection are proposed to enhance sustainability and achieve textile-related SDGs.

● Alternative Water Use in Textile Dyeing

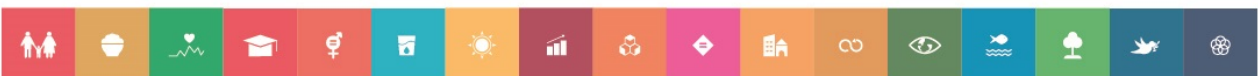
This study explores the use of rain, river, and seawater as sustainable alternatives to groundwater in Bangladesh's textile coloration industry. Experiments on cotton and polyester fabrics assessed color fastness to rubbing, washing, and perspiration using standard dyeing recipes. Results show polyester achieved excellent fastness (4–5), while cotton displayed moderate results (2–3). Overall, alternative water sources maintained 40–60% of traditional dyeing quality without recipe changes. The findings demonstrate a viable path to reduce groundwater dependence and promote sustainable consumption (SDG 12) in textile production.

EVENTS



■ Entrepreneurship Development Program at BUBT Industry

As part of BUBT's entrepreneurship development program, female students set up an Iftar sales center near the campus during Ramadan, offering hygienic, freshly baked food at affordable prices. The initiative gave them hands-on business experience, teaching production, sales, and customer management. Despite academic challenges, they expressed gratitude to BUBT for the support that strengthened their confidence as future entrepreneurs.



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■ Fair Agreement with Outsourced Employment

The Building Construction Agreement was signed between Bangladesh University of Business and Technology (BUBT) and Ms. Khaza Bilkis Rabbi ("the Contractor"). The Contractor shall ensure fair and equitable treatment for all workers engaged in the construction of the new building, including those employed through any subcontractors or labor suppliers. This commitment requires that outsourced employees receive equal rights in terms of wages, benefits, safe working conditions, and freedom from discrimination. This obligation must be formally included in all subcontracting agreements, and the Employer reserves the right to audit compliance with this provision.

Professor Md. Abu Saleh, Advisor and Member of the BUBT Trust; Professor Dr. A B M Shawkat Ali, Vice-Chancellor; Professor Dr. Md. Ali Ahmed, Treasurer; Professor Dr. Syed Masud Husain, Dean of the Faculty of Business and Social Sciences; Dr. Md. Harun-or-Rashid, Registrar; along with other BUBT officials, staff, and a representative of Ms. Khaza Bilkis Rabbi, were present at the signing of the Fair Employment Agreement for the Outsourced Workers Program.



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■ BUBT Successfully Hosts Career Fair 2024, Bridging the Gap Between Academia and Industry

The "BUBT Career Fair 2024", jointly organized by the Career Guidance Office of Bangladesh University of Business and Technology (BUBT) and bdjobs.com, was successfully held on January 10, 2024, at the BUBT campus. The event provided a vibrant platform for students and graduates to connect with leading employers and explore diverse career opportunities.

The inaugural ceremony was graced by Mr. Jasim Uddin, President of the Federation of Bangladesh Chambers of Commerce and Industry (FBCCI) and Vice Chairman of the Bengal Group of Industries, as the Chief Guest, while Mr. Md. AKM Fahim Mashroor, Co-founder and CEO of bdjobs.com Limited, attended as the Special Guest. Representing the university leadership were Prof. Dr. Md. Fayyaz Khan, Vice-Chancellor of BUBT; Prof. Dr. Md. Ali Noor, Pro Vice-Chancellor; and Prof. Md. Enayet Hossain Miah, Member of the BUBT Trust.

The ceremony was presided over by Prof. Dr. Syed Masud Husain, Dean of the Faculty of Business and Social Sciences, and conducted by Mr. A. B. M. Mesbahul Hasan, Deputy Director of the Career Guidance Office. The event was attended by Deans, the Registrar, Department Chairmen, faculty members, officers, staff, and a large number of students. The distinguished guests congratulated BUBT graduates and praised the university for organizing a successful and impactful event that will significantly contribute to shaping the future careers of its students.



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■ BUBT Hosts Successful Engineering Summit 2024

Bangladesh University of Business and Technology (BUBT) successfully organized the Engineering Summit 2024, bringing together aspiring engineers, professionals, and academics for an inspiring exchange of ideas. The event featured insightful sessions from industry experts, guiding students toward innovation and career growth.

Special thanks to ESAB BUBT Unit FACE and Excellence Bangladesh BUBT Campus Team for their hard work in making the summit a grand success.

