Bangladesh Institute of Management

Globally and BNQF Accredited Six Month

Professional Graduate Diploma in Productivity and Quality Management. BNQF, Level-06 Batch# XVIII

especially for RMG Sector at bim.gov.bd

Rationale

The RMG sector, vital to Bangladesh's economy, faces rising costs and global competition. Enhancing productivity and quality is essential for sustainability. However, a shortage of skilled professionals hampers improvement efforts. To address this, the Bangladesh Institute of Management (BIM) offers a six-month Professional Graduate Diploma in *Productivity & Quality Management*, especially for the RMG sector, aiming to develop competent professionals to drive efficiency and competitiveness in garment factories.

Course Description

This diploma program, mapped to **Level 6 of the Bangladesh National Qualifications Framework (BNQF)**, is tailored for production managers, industrial engineers, quality officers, and related professionals seeking to deepen their expertise in productivity, quality, lean manufacturing, and method study—especially in the RMG sector. With a strong practical orientation, the course features both classroom instruction and mandatory hands-on project work at BIM's productivity lab or in a selected factory. Participants will design and implement productivity systems and submit a comprehensive internship report based on their project, gaining valuable real-world experience and industry-aligned skills.

COURSE OBJECTIVES:

This course empowers participants to confidently address real-world challenges in productivity, quality, supply chain, and lean manufacturing; enhance operational efficiency; build careers in RMG and export sectors; strengthen the local talent pool; and reduce dependence on foreign consultants by developing sustainable local expertise.

COURSE OUTLINE :

Part-I

This comprehensive course covers key areas of garment industry management.

a) HRM, OB & Social Compliance: Includes management principles, HRM functions, leadership, team building, communication, Incoterms, CSR, social compliance, TQM, innovation, job evaluation, and wages.

b) Introduction to Garment Manufacturing: Covers fashion industry basics, supply chain, materials, cutting, sewing, garment construction, fiber-yarn-fabric, dyeing, printing, and finishing.

c) Garment Production and Quality Management: Focuses on PPC, process planning, inventory control (ABC, EOQ), demand forecasting, break-even analysis, cost-volume analysis, HR skill matrix, motivation, leadership, communication, and MS Office tools. Emphasizes quality principles, defect identification, inspection procedures, garment measurement, quality specs, QC systems (e.g., traffic light), AQL, RCA, 7 QC tools, 5S, TQM, and includes factory visits.

d) Industrial Engineering and Managing Risk in SCM: Covers IE concepts, productivity models, method study, SMV calculation (time study, SSD), work-study tools, plant layout, workplace design, ergonomics, and incentives.

e) Lean Manufacturing: Teaches lean tools such as VSM, waste reduction, Kaizen, 5S, JIT, KANBAN, TPM, one-piece flow, takt time, standardized work, and mistake-proofing to improve efficiency and reduce waste.

f) Inventory and Logistics Operations:

Part-II: Internship/ Project/ Practical work in Laboratory or Factory

TRAINING METHODOLOGY:

Lecture, Presentation, Group Discussion, Case Study, Self-Assessment, and other participatory methods of training.

WHO SHOULD ATTEND?

This course is ideal for managers, engineers, and consultants in RMG, textile, and export-oriented industries focusing on productivity, lean, merchandising, and work study. Graduates in any discipline or diploma engineers with AMIE are eligible. Prior experience is preferred but not mandatory.

COURSE FEE:

Admission by 30 October 2026. Admission requires Tk. 50500 payment, form submission, 3 photos, and documents. Duration: 6 months, Classes: Fridays, 6:30 PM– 9:45 PM. Tuesday 6:30 PM– 9:45 PM (online)

VENUE:

BIM, DHAKA CAMPUS,
4 Sobhanbag, Mirpur Road, Dhaka 1207.

CLASS START: 6TH NOVEMBER 2026

Designed to build skills in lean, IE tools, quality, planning & soft skills in RMG with GIZ support.

For Further Information, Please Contact:

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