

# AHMED PROBUDHA HASAN

Dynamic Operations & Process Optimization Professional

MBA in International Business, BSc in Mechanical Engineering

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## PROFILE

Highly dynamic and analytical professional with over 10 years of progressive experience in operations management and business development. Excels in critical thinking under pressure, cross-cultural team leadership, and strategic planning for capital investment. Seeking a challenging role where engineering proficiency, process optimization, and business strategy converge.

## EDUCATION

**Master of Science in Process, Energy, and Environment Technology**

University of South Eastern Norway.

August 2025 – Present | Expected Graduation: June 2027 Porsgrunn, Norway

**Master of Business Administration in International Business**

University of Dhaka.

07/2016 - 10/2021 Dhaka, Bangladesh

**Bachelor of Science in Mechanical Engineering**

Khulna University of Engineering and Technology.

03/2009 - 09/2013 Khulna, Bangladesh

## EXPERIENCE

**Deputy General Manager Operation**

PRAN Foods Ltd. (PRAN Group)

07/2022 - 08/2025 Dhaka, Bangladesh

- Capital Projects & Planning: Led the strategic planning, ordering, and erection of new plant and machinery, ensuring alignment with capital investment goals and performance enhancement objectives.
- Process Optimization: Conducted detailed assessments of processes, systems, and machinery (electrical/mechanical), recommending corrective action to meet benchmark performance and achieve overall effective efficiency.
- Supply Chain & Cost Management: Oversaw procurement, inventory, and warehouse operations, including cost-effective management to ensure supply chain resilience.
- Strategic Alignment: Collaborated closely with Sales, R&D, and Finance teams to align production and operational activities with business forecasts and quality assurance goals.

**Senior Manager Operation**

Hashem Foods Ltd. (Sajeeb Group)

12/2016 - 07/2022 Dhaka, Bangladesh

- Cost control: Managed and maintained cost-effective operations by ensuring optimal utilization of utilities and rigorous control over raw material usage, inventory, and stock reconciliation.
- Quality control (QC): Helped formulate and monitor the standardization of critical control points (CCP) for quality assurance and actively monitored key performance indicators (KPIs) to drive performance improvements.
- Demand and forecasting: Formulated production plans and demand forecasts in alignment with sales requirements and the voice of the consumer (VOC), minimizing waste.

**Deputy Manager Operation**

Pran Confectionary Limited (Pran Group)

07/2013 - 12/2016 Dhaka, Bangladesh

- Contributed to financial planning, including new product feasibility, market expansion, product costing, cost minimization, and pricing strategies.
- Ensured the fulfillment of production targets by managing factory orders, optimizing raw and packaging material consumption, and providing production guidelines based on cost sheets.
- Supported top management in developing comprehensive yearly business operating plans, and procurement plans for the manufacturing units.
- Actively participated in R&D, new product development, and innovation.

## LANGUAGE

English **C1** (Proficient) Bangla **C2** (Native) Norwegian **A2** (Actively Learning)

## PROJECTS

**Six Sigma Implementation (PRAN FOODS LTD).**

- Reduced pallet defects by 6% through process optimization & quality control.
- Demonstrated strong problem-solving and continuous improvement mindset.

**Satellite Factory Establishment (PRAN Group)**

- Planned and launched a 500 kg/hr. snacks plant, reducing distribution costs by 3.5%.
- Coordinated civil drawings, machine selection, and utility planning.

**Automatic Rice Mill Planning (Govt. of Bangladesh)**

- Designed and planned six rice mills, including machinery selection, manpower planning, and environmental impact assessment.
- Applied mechanical engineering principles to optimize energy use and reduce environmental footprint.

## SKILLS

**Technical & Engineering Skills:**

- Mechanical systems design and troubleshooting.
- Process engineering and optimization.
- Energy technology and sustainable systems
- Project planning and execution

**Digital & IT Skills:**

- Python (numerical modeling, data analysis)
- MATLAB (simulation and visualization)
- AutoCAD (engineering design)
- ERP systems (operations and resource planning)

**Methods & Quality**

- Lean manufacturing principles
- Six Sigma (process improvement, defect reduction)
- Kaizen (continuous improvement)
- Quality assurance and cost optimization

**Soft Skills:**

- Teamwork and cross-functional collaboration
- Communication and presentation skills
- Problem solving under pressure.
- Learner mindset and adaptability

## TRAINING & CERTIFICATIONS

- Six Sigma Level 1 (PRAN Group)
- Green Productivity (Asian Productivity Organization)
- Calibration Process Leader (Hashem Foods Ltd.)

## INDUSTRY EXPERTISE

- Strategic Planning
- Leadership
- Team Management
- Production Process
- Project Engineering
- Value Chain Analysis