

NPC Consultant Professional Profile

I. Personal Information

Name:Mayank Mishra

Date of Birth: 03-01-2001

Current Position & Domain:Assistant Director, Industrial Engineering

Office Location:Kolkata

Languages:Hindi, English

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II. Professional Summary

Experience in conducting field studies as part of consulting, research, and training initiatives, with a focus on productivity, quality, and efficiency improvement across various sectors, including government departments, PSUs, and private enterprises.

III. Areas of Expertise

Primary Domains:Industrial Engineering

Specialized Skills:Lean Manufacturing, Production Norms

Industry Focus:Textile, Fertilizer

IV. Professional Experience

Current Position:Assistant Director **Organisation:**National Productivity Council, Kolkata

Duration:01-04-2024 - Present

Key Responsibilities:

- Project Management
- Consulting

V. Major Project Experience in NPC

Project Title:Formulation of process stage-wise Productivity Norms for the 50 Kg Capacity 580 gm B. Twill Jute Bags (Type 'A' and Type 'B').

Client Name: National Jute Board **Type:**Government **Sector:**Textile

Role:Consultant

Duration: 01-04-2024 - Present

Problem Definition:

The overall objective of this study is to determine the Productivity Norms for the 580 gm - B.Twilljute bags (Type A and Type B) – as per Bureau of Indian Standards IS 16186 (as amended till date). The Productivity Norms as stated above should include (but not limited to) the following parameters:

(a) Normative Batch Composition and Loading Factor, separately for manufacturing of 580gm - B. Twill jute bags (Type A and Type B) – as per Bureau of Indian Standards Specification IS 16186 (as amended till date),

(b) Normative Processing Parameters and machinery requirement (per 100 looms) at each stage for the manufacturing of aforesaid items (separately for Type A & Type B),

(c) Norms for Occupation-wise man-power requirement (Hands / MT) per day for 8 hours at each stage of processing, for the manufacturing of aforesaid items (separately for Type A & Type B). Also, the overall man-days requirement i.e. Hands/MT (or Man-days/MT) for manufacturing Type A & Type B – B. Twill jute bags (as per IS 16186: 2014, as per latest amendment) should be clearly specified.

(d) Norms for Energy Requirement (Kwh / MT) at each stage of processing, for the manufacturing of aforesaid items, (separately for Type A & Type B). Also, the overall power requirement i.e. kWh/MT for manufacturing Type A & Type B – B. Twill jute bags (as per IS 16186: 2014, as per latest amendment) should be clearly specified.

Recommendations Made: Project Ongoing

VI. Educational Background

- **Degree:** Bachelor of Technology
- **Institution:** Madan Mohan Malaviya University of Technology, Gorakhpur **Type:** Full Time
- **Year:** 2021
- **Specialization:** Mechanical Engineering

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that I shall be responsible for any willful misstatement described herein.

Date: 10-02-2025

Place: Kolkata



Mayank Mishra