

SUBRATA SAMANTA

Manufacturing Engineer

Dedicated and skilled Manufacturing Engineer with high-precision optical lens manufacturing experience, bringing about 2 years of expertise in the field. Proven track record of optimizing processes, improving efficiency, and ensuring product quality. Seeking a challenging role in a dynamic manufacturing environment where I can leverage my expertise to drive continuous improvement and contribute to the success of the organization



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📍 Hsinchu, Taiwan

📅 10 November, 2000

EDUCATION

Bachelor of Technology in Mechanical Engineering

Government College of Engineering & Textile Technology, Berhampore

07/2018 - 07/2022

Percentage 76.6%

Project:

- "Heat transfer analysis through flat plate fin" under the guidance of Prof. Sampad Das.

Higher Secondary

Lakshya high School(H.S)

01/2016 - 03/2018

Percentage 80.8

Course :

- pure Science : (Mathematics ,Physics , Chemistry, **computer science**)

WORK EXPERIENCE

Manufacturing Process Engineer

Young Optics Inc.

09/2022 - 05/2020

Hsinchu city, Taiwan

Project : High precision MR(Mixed Reality) lens under development project.

Tasks (EVT - Pre MP)

- Maintain environment(6s) of production (**Class 100 & Class 1000**)& Implemented data-driven control & analysis of **MES system**.
- Conducted time studies and process analyses to identify opportunities for improvement and increase productivity.
- Collaborated closely with cross-functional teams to resolve manufacturing and quality-related issues, fostering a cohesive work environment.
- Provide technical support and training to production personnel(**OP**) to ensure proper operation of equipment and adherence to standard operating procedures.
- Conduct root cause analysis and implement corrective actions(**FACA**) to address manufacturing issues and ensure adherence to quality standards.
- Formulated and documented various process and operation methods, including Standard Operating Procedures (**SOP**) and Work Instructions (**WI**).
- Spearhead process optimization (**Injection Molding--> Coating--> CNC--> AVI**) initiatives to enhance manufacturing efficiency, reduce cycle times, and minimize waste in optical lens production (**EVT - Pre MP**).

SKILLS

Programming in C

C++

OOPs concept

HTML

My SQL

Basic of CSS

Data Analysis

MS Excell

MS powerpoint

MS Word

Teamwork

Adaptibility

Problem Solving

Time Management

Decision Making

Analytical & Critical thinking

Pressure Handling

Continuous Learning

Leadership

TRAINING

Automobile Training at MUKESH TRAINING ACADEMY.
(02/2021 - 03/2021)

ACHIEVEMENT & CERTIFICATES

Rank 22 in Eastern india Scholarship examination for Excellenc(EISEE,2011)

Rank 4645 in WEST BENGAL JOINT ENTRANCE EXAMINATIONS (WBJEE)

Developing soft skill and personality by NPTEL
(08/2018 - 10/2018)

LANGUAGES

English

Professional Working Proficiency

Hindi

Professional Working Proficiency

Bengali

Native or Bilingual Proficiency

INTERESTS

Coding

Travelling

Photography

Listening Music

Playing Cricket