

# Sudipto Roy

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## Mechanical Engineer (Total work experience-27 years)

### - Core Competencies -

- Project Lead that includes Process & Detailed engineering , Project & Site Management ,Mitigation, Risk management.
  - HVAC , Air pollution control ,filters, ventilation ,ducting etc. High Pressure piping
  - Greenfield and Brownfield Projects.
  - Ash Handling ,Mill Reject & Lubrication systems.
  - Client relationship, Cost & Risk Management , Contracts, Techno commercial assignments.
  - Execution of Civil & structural construction.( Pump houses, Compressor room, Vacuum Pump Houses, Silos etc)
  - Pneumatic Conveying & slurry disposal system ,silo, Water Balance.
  - Static & Rotary equipments ( Pumps, compressors, Screw Conveyors, Agitators, Air Dryers etc).
  - Water recovery system (Lime, Alum & Polyelectrolyte Dosing)& fire fighting system .
  - Manufacturing (Precision M/c components ) Fabrication. Understanding of Manufacturing Process.
  - Procurement & Vendor development.
  - Office , Site & shop floor administration.
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## PROFESSIONAL EXPERIENCE

Macawber Beekay Pvt Ltd., Noida,UP

*AGM-Projects* (16<sup>th</sup> Feb,2007 – 31<sup>st</sup> may 2019)

**( EPC Contractor ,Specialist in Pneumatic Handling / Ash Handling / Mill Reject handling System)**

Leading a team of Engineers, Design Executives in engineering & project activities. Scope of responsibilities include: Planning / Co-Ordination /Project Management/ Basic Engineering /Detailed Engineering / Understanding of Civil / Structural drawings for construction / Document approval / Procurement /Project execution /Maintaining Cash Flow /Guiding execution team for proper erection & construction / Project completion & handover.

***Selected Contributions / Achievements***

- ♦ Reduced project cost by optimizing the design / procurement / manpower management.
- ♦ Executed more than 16 projects with eminent clients like **NLC (I) Ltd, BHEL, Reliance, DVC, Bajaj Group, ESSAR, RRVUNL, MAHAGENCO , BGRESL, Tata Projects limited** etc

**Cenlub Industries Limited, Faridabad, Haryana**      **Manager-Projects** (10<sup>th</sup> Nov 2005 – 15<sup>th</sup> Feb 2007)

**( Manufacturer Of Oil lubrication system )**

Preparation of Proposal , pre award & post order engineering , Procurement ,execution & delivery. To provide necessary supports to the execution team to honor the deadline

**Selected Contributions / Achievements**

- ♦ Cost optimization by adhering to the dead line .
- ♦ Got the opportunity to develop relatively efficient lubrication system.

**Major Projects / Client**

**M /s F I Smidth (I) Ltd., M/s Kilburn Engineering co Ltd., M/s Essar Steel Ltd., M/s Sunflag Iron & Steel Ltd, M/ s BHEL, M/s Lloyds Iron & steel Co ltd , M / s Welspun Gujarat etc .**

**Tractel Tirfor (I) Pvt Ltd., Faridabad, Haryana ,**      **Sr Production Engineer** (17<sup>th</sup> Sep 2004 – 7<sup>th</sup> Nov 2005)

**( Manufacturer of Pulling & Lifting machines)**

Head of shop & responsible to achieve targeted production , work allocation & shop floor management. Reporting to MD & reported by head of assembly shop, M/c shop ,Heat treatment & casting shop.

**Selected Contributions / Achievements**

- ♦ Increased production by proper use of man machine & materials & identifying the shortage of materials.
- ♦ Responsible for the implementation of advance manufacturing process for the increase in production.

**Safroys Machines Pvt Ltd , Kolkata, West Bengal**      **Engineer-Planning** (1<sup>st</sup> march,2001 – 10<sup>th</sup> Sep 2004)

**(Manufacturer of Special Purpose machine -Automatic Capsule machines)**

Responsible for the procurement of machine components on time.

Dedicated to support the assembly line .Reporting to GM works & reported by quality, m/c shop & stores.

***Selected Contributions / Achievements***

- ♦ Standardized the machining work stations against each component.
- ♦ Formulates the machining procedure to be undertaken on each components.
- ♦ Developed quality vendors capable of manufacturing precision m/c components .

**Aidto works**, Kolkata, West Bengal

**Engineer** ( 3rd Nov 1994 – 26<sup>th</sup> Feb 2001)

**( Design Consultant –Air Pollution Control & Ventilation System, CTC Machines )**

Scope of responsibility includes preparation of engineering drawings & detailed engineering for their client ( like M/s Filter manufacturing industries , Steels worth ltd etc )

***Selected Contributions / Achievements***

- ♦ Company appreciated my initiative for carrying out detailed engineering for air pollution control equipments & machine components for CTC machine & allowed me to work in flexible hours.

**Major Client handled** –MN Dastur & Company limited / ESSAR /BHEL /Air Liquid.

**Govardhan Das (PA)**, Calcutta, Kolkata, West Bengal **Engineer** (15<sup>th</sup> march ,1993 – 1<sup>st</sup> Nov 1994)

**( Manufacturer of Valves)**

Appointed as an Engineer at Pattern & Foundry shop. Job allocation & responsible for the production of ferrous / non ferrous quality castings.

***Selected Contributions / Achievements***

- ♦ Successful in the delegation of work which in other hand increases the production rate.

**Major Client** –Garden Reach Ship Builders & company Ltd , Cochin Refineries Ltd etc.

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**EDUCATION** - Bachelor in Mechanical Engineering (1<sup>st</sup> class, Hons), 2000 from Jadavpur University, Kolkata.