

SHANTANU ROY

NANDANKANAN, PO.GANGANAGAR, KOLKATA700132

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PROFILE SNAPSHOT

ASSISTANT PROFESSOR

Working in **Swami Vivekananda University** as an assistant professor from **Dec"2025**.

Duties and Responsibilities:

- Ensure the syllabus, understanding the scope of study.
- Preparation of lesson plans and study materials for classes.
- Daily class visit and discuss about the studies and difficulties they are facing.
- Attending daily progress meeting with HOD and other departments engaged in classes.
- Class exam conducted preparing model question paper and checking answer sheets.
- Motivating students for quiz contest, seminar, group discussion, debate, essay writing, literature study, follow published papers.
- Perform Activities as guided by Senior Planning Engineers.
- Learning of Professional and organizational Behavior, site rules, safety teaching, man power handling, drawings study and interpretation to Supervisors, Supervise and Instruct the Foreman to control the Work done in the site and Planning for the Next Actives.
 - Motivating students for sports, inter college game participation, extracurricular activities like singing, recitation, playing music, organizing cultural events etc.
 - Students mentor ship and orientation program.
 - Exam duty, invigilation duty list preparation, exam cell work, CA marks submission, Question paper submission, Answer sheet checking and other official work.
 - Administrative work, accounts works, University visit, admission related work, placement related work, various different types of works.

PROFILE SYNOPSIS & EXPERTISE AREAS

Worked in **Ven Consulting India** as a Lead Site Engineer from **May-2024**.

Worked in **St. Mary's Technical Campus Kolkata** as an assistant professor from **Aug"2019-Feb-2024**.

Worked in **M/s Wave bit Infratech Pvt.Ltd. from Dec"2016** as a assistant manager in Coke Oven project for Piping work.Erection of Dedusting System pipe line in Coke Oven Battery, Firefighting pipe line, Erection under ground and above ground, hydro test and commissioning. Insulation of drinking water line, Chiller line, Tar line, Steam line. SS pipeline in sulphur rocovery unit and ammonia building. CI pipe erection in celler area. Erection of GI pipe for sprinkling water system above conveyor in RMHS system. Erection of conveyor in Coke Oven Wharf area and other under ground conveyor and above ground conveyor and commissioning. Fabrication and Erection of MRSS building in coke oven and Green pelletizing building in palletizing plant.

Worked as **Site Engineer** in Multinational Engineering Company. Experienced in Construction Project Planning, Monitoring and Execution as Fabrication, Erection and Commissioning with Major Company **M/s LARSEN & TOUBRO LIMITED (ECC-DIVISION)**. It enabled me to work with variety of teams as well as in a very complex environment. About me you can say I am an Engineer who pays passionate attention to detail, persistence & unwavering focus on results. Motivator, result oriented professional with additional experience in the project.

PERSONAL & PROFESSIONAL PROFILE

M/s LARSEN & TOUBRO LIMITED (ECC-DIVISION) Since June"07 to Feb"16
Site In charge***Dec"11 to Feb"16**

Job Responsibilities:

Verification of isometric drawings with respect to P&ID.

Shop floor inspection and testing of fabrication pipes.

Witness of alignment, orientation and dimensions of installed piping Preparing the punch list items as per P&ID and Isometric such as, Pipe supports, Valves, Guides, Shoe supports and NDT completion and approving/ releasing packages for hydro test. Witnessing of pneumatic test, hydro-test, and flushing (**HPAL, FL, CW,SWA,TAR,Stream Line**); system lay-up both in erection field.

Reviewing final Packages for Hydro tests, approving & releasing for Hydro test. Assures that all joints are exposed for examination during the pressure test.

Making a re-instatement punch list and clearing the items. Witnessing of Flange joint assembly and bolt torque. Inspection of gaskets, supports, valves prior to line reinstatement acceptance as per the latest drawing for construction, codes and specification standards.

Clearing of MCC (Mechanical completion certificate) items.

Fabrication Engineer***June"07 to Dec"09**

Taking care of total 40,000 MT Structural Fabrication for construction of Project,"H"

Blast furnace job which our organization has bagged as **EPC Contract**.

The job includes to lead a team of engineers, material handling, sequential fabrication, and meticulous follow up with all sub-vendor, Labor & staff Productivity monitoring

Maintaining inventory & cost control, co-ordination with client & consultant to complete the job in time and as well responsible for timely invoicing & realization of payment.

The entire job has getting carried out with strict adherence to quality& safety.

Planning Engineer***Dec"09 to Dec"11**

Worked in Pelletizing Plant 6 Mtpa. under construction in Tata Steel which is a modified version of Sinter Plant where raw material like iron ore is processed with lime, coal & some reduction process before going to furnace

.Here in Pelletizing Plant: green pellet will be produced from iron ore fine particles

Looking after **Structural** fabrication & erection and **Belt Conveyor** work for Pelletizing Plant & Coke Oven Project .

Aquastic & Sound Proof System with Auto Cad***March"02 to May"07**

Worked in **Air Make System** as a site engineer, looking after structural fabrication & erection work for aquastic & sound proof system.

EDUCATIONAL QUALIFICATION

2024 **PhD Pursuing in Composite Material**
2022 **M.Tech** in Heat Power Engineering from Maulana Abul Kalam Azad University of Technology
2008 **B.E** in Mechanical Engineering from Anna University
2001 **Diploma in Mechanical Engineering** from WB State Council of Technical Education
1997 **Higher Secondary** (12th) from WBHSE
1995 **Secondary** (10th) from WBHSE

COMPUTER PROFICIENCY

Programming Language: -MS Project, Primavera Project Planner

Operating Systems: - Windows 7

Software Packages: -MS-Office, Paint shop Pro, AUTO CAD (2D & 3D) Drawing Skill.

PERSONAL PROFILE

Language Known : Bengali, English, Hindi
Date of Birth : 14th May, 1978
Nationality : Indian
Marital status : Married
Father's Name : Sri. Sudarshan Roy

Permanent Address : Nandankanan, P.O.Ganganagar, **Dist.**Kolkata, **State.** West Bengal, **pin. Pin.**700132

DECLARATION

I do hereby declare that all the information, as mentioned above is true and correct to the best of my knowledge and belief.

Place.....

Date.....

Shantanu Roy