



# SAYANTAN SINHA BISWAS

## CONTACT

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## EDUCATION

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### **JADAVPUR UNIVERSITY, PhD.(MECHANICAL ENGINEERING)**

2024- CURRENTLY PURSUING(COURSEWORK UNDERWAY)

**THESIS TITLE:- NUMERICAL ANALYSIS OF LASER WELDING ON ADVANCED ENGINEERING MATERIALS**

THESIS GUIDE:- Prof. Nilkanta Barman & Prof. Ranjib K. Biswas

### **JADAVPUR UNIVERSITY, M.TECH(MECHANICAL ENGINEERING)**

2021 – 2023

**THESIS TITLE:- PARAMETRIC STUDIES OF TIG WELDING PROCESS PARAMETERS ON 409M FERRITIC STAINLESS STEEL BY USING GREY-TAGUCHI METHOD.**

C.G.P.A.- 8.00

### **S.R.M. UNIVERSITY, B.TECH(MECHANICAL ENGINEERING)**

2016 - 2020

% Of Marks- 66.01%

### **La Martiniere For Boys, I.S.C.**

2013 - 2015

% Of Marks- 88%

### **La Martiniere For Boys, I.C.S.E.**

2000 - 2013

% Of Marks- 88%

## WORK EXPERIENCE

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**SWAMI VIVEKANANDA UNIVERSITY, ASSISTANT PROFESSOR AND COORDINATOR (MECHANICAL ENGINEERING DEPT.)**

2024-CURRENTLY WORKING

**WEST BENGAL ZOO AUTHORITY, ASSISTANT ENGINEER**

2021–2024

IN CHARGE OF THE INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE OF ALL THE ZOOLOGICAL PARKS AND GARDENS UNDER WBZA, Govt. Of West Bengal.

**TITAGARH RAILWAY SYSTEM LIMITED, PRODUCTION ENGINEER**

2020–2021

Incharge of the Production department which had the charge of making metro rakes for pune metro. Was a part of the team which introduced the technique of aluminum welding.

**ACHEIVEMENTS**

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MASTER DIPLOMA IN PRODUCT DESIGNING AND ANALYSIS

INSTITUTE NAME – CADD CENTER

GLOBAL CERTIFICATION ON MECHANICAL DRAWING SOFTWARES

DIPLOMA IN PIPELINE DESIGN MANAGEMENT SYSTEM

INSTITUTE NAME- PROFEX

ISO CERTIFICATION ON SOFTWARES LIKE AVEVA -3D

PATENT ON GIRAFFE SQUEEZE CAGE SUBMITTED( AS PER GUIDELINES OF CENTRAL ZOO AUTHORITY)

PROTOTYPE EXSISTING AT ALIPORE ZOOLOGICAL GARDEN

PATENT ON CARNIVORE WILDLIFE SQUEEZE CAGE( AS PER GUIDELINES OF CENTRAL ZOO AUTHORITY)

PROTOTYPE EXSISTING AT ALIPORE ZOOLOGICAL GARDEN