

SAIBAL MANDAL

An independent and self motivated post graduate looking to utilize my skills,ideas,knowledge and be a part of the organization by contributing actively.

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📍 Kolkata, India

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EDUCATION

WBBSE:-RANIBANDH HIGH SCHOOL

1st class with 85%

WBCHSE:- BANKURA BANGA VIDYALAYA

1st class with 80%

Master of Science, in Materials Science

Department of Materials Science, Sardar Patel University

08/2019 – 08/2021,

Vallabh Vidyanagar, Anand, Gujarat

Course

– **Materials Science with CGPA**
7.32

Bachelor of Science, with Honours, in Industrial Chemistry

Ramakrishna Mission Vidyamandira, University of Calcutta

07/2016 – 06/2019,

Balur Math, Howrah, West Bengal

Course

– **Industrial Chemistry with CGPA**
7.27

EXPERIENCES:-

ORGANISATION:-IFGL REFRACTORIES LTD

Designation:- QC

Roles & Responsibilities:-

- Responsible for checking company's products meet national and international quality standards
- Monitoring and examining process of precast and porous plug products
- Physical checking of precast moulds & spares and cans of Porous Plug
- Inspections of green & fired pieces.
- Trials and physical testing of castables by IS 1528 standards methods
- Final inspections of products and allowed to dispatch
- Recommend to modify the process
- Maintain the datas of tracking up to use
- Reporting to Quality manager

Experience: - 1 year 5 months

CURRENT ORGANISATION:- INSPECTORATE GRIFFITH INDIA PVT LTD(A BUREAU VERITAS COMPANY)

Designation :- CHEMIST

Roles & Responsibilities:-

- Responsible for testing a various types of parameters of products such as Coal, Coke, Iron ore, Gypsum, Bauxite, Limestone, Quartz, Zn ores etc.
- Handling different instruments such as XRF, ICP, Carbon-sulfur, GCV etc.
- Reporting to Lab Manager.

Experience:- 1 Year 2 months

PROJECTS UNDERTAKEN

1. **“ROOT CAUSE ANALYSIS FOR BLACK SPOT GENERATION ON HDPE PELLETS” (10/2018 - 11/2018)**

Project successfully completed at Haldia Petrochemicals Ltd under guidence of Mr. Amaresh Sinha(Plant in charge)and Mr. Prasenjit Ghosh (Chief Manager).

2. **“SYNTHESIS OF POROUS CARBON FROM AGRICULTURAL WASTE”**

Project successfully completed at Department of Materials Science under guidance of Dr. N.M. Batra.

ACADEMIC ACCOMPLISHMENTS

1. **Cleared JEE (MAINS) organized by multiple IIT's in the year 2016 with 61 marks.**
2. **“NATIONAL WORKSHOP ON RECENT ADVANCEMENT IN SCIENCE AND TECHNOLOGY” organized by Department of Industrial Chemistry, Ramakrishna Mission Vidyamandira and sponsored by Ceramic and Glass Industry Foundation.**
3. **RUSA funded national seminar titled “RECENT ADVANCED IN MATERIALS SCIENCE (RAMS-2017)” organized by Dept of Industrial Chemistry and Applied Chemistry, Ramakrishna Mission Vidyamandira.**
4. **Poster titled “SMART MATERIALS” presented at Department of Materials Science, Sardar Patel University for the event titled “Open Day” as a part of National Science Day Celebrations held on 28th Feb, 2020.**

Areas of Expertise

Materials Science, Nano Technology, Ceramic Technology, Metallurgical Engineering (Iron Ore, Steel, Aluminum) Polymer Science and Engineering, Composite Engineering

Personal Details

NAME-SAIBAL MANDAL

D.O.B- 13/10/1997

Vill + P.O + P.S- Ranibandh

Dist –Bankura

State- West Bengal

PIN- 722148

Father's Name- SUSANTA KUMAR MANDAL

LANGUAGES

Bengali

Full Professional Proficiency

Hindi

Full Professional Proficiency

English

Full Professional Proficiency