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|  | Village-Belahata, Post-Barpur, District Jaunpur  Uttar Pradesh, Pin Code: -222109  🕿:+919721917557  [Emailid–rakeshkumarbind756@gmail.com](mailto:Emailid–rakeshkumarbind756@gmail.com) |  |

**Career Objective**:Looking for an opportunity to be a part of an organisation, where I can get a chance to use my knowledge and skills to contribute in the progress of the organisation as well as myself.

**In-Plant Training (40-Days)**

**AkzoNobel (Dulux) India Limited, Gwalior (MP)** **20th June 2016 to 30th July 2016**

**Project:** Production of water base Paint, Retail Line, Pneumatic Valve, Humidifier, Normal plant operation, Testing’s of raw materials(QC), and Costa Transfer Pump.

**Total work experience (4-Years 6-month)**

**Gail India Limited Auraiya Pata (UP)**  **3rd Sept.-2017 to 4th Sept.-2018**

* One year apprenticeship training.

**Global S. S. Construction Pvt. Ltd*.* 25th Sept.-2018 to 10th Dec.-2020**

* Join as GAT and Operational Assistance (STC)
* Working Experience in the Operation **of Gas cracking Unit (GCU)/Cold & Hot section Unit, IOP, & Gas Processing Unit (GPU)**.
* Handling of centrifugal and reciprocating compressor to produce **Nitrogen and Oxygen gas.**
* Work done in offsite & storage area, and transfer of LPG, H2, N2 Gases Naphtha, Wash oil, Hexane, Propylene, and Ethylene.
* Separation of oil mixture & Water in waste Water Treatment Plant.

**Manpower (Linde India Limited) (1-year 6-month) 4th July 2022 to till date**

* Operational /Maintenance/Shift Engineer.
* Experience in DCS Operation (Siemens PCS7), Man Power Handling, Analyzers calibrations, Preparation/Issuing of SOP’S/PTW, Study of P&ID, PFD, Cooling Tower effectiveness & performance analysis & Project on energy loss.
* Startups/Shutdown of ASU Units/GAN Compressor, Chiller Units and Online supply of Gases to the Customer.
* Thawing/Cool down of cryogenics equipment’s.
* Preparation of RCA report after any event in the plant operation.
* Expertise in Mass / Heat energy Balance & Utility calculation.
* Able to handle communication with customer.

**Job Description:**

**Position Duties:**

* Perform regular maintenance and repairs on equipment and systems.
* Troubleshoot and diagnose issues to ensure efficient operations.
* Develop and implement preventive maintenance plans.
* Collaborate with cross-functional teams to optimize operational processes.
* Conduct training sessions for employees on equipment operation and maintenance.

**Responsibilities:**

* Conduct regular inspections to identify equipment malfunctions or potential problems.
* Develop and maintain documentation for maintenance procedures and protocols.
* Ensure compliance with safety regulations and company policies.
* Participate in continuous improvement initiatives to enhance operational efficiency.

**Equipment/Instruments Handling Skills**

Pumps, Compressors, Distillation Columns, Heat Exchangers, Evaporators, Valves, Condenser, Probe Sonicator and Centrifugation.

**Education Qualifications (Pre-University)**

|  |  |  |
| --- | --- | --- |
| **Examination** | **Institution/University** | **%Marks/CGPA** |
| S.S.C.(2009) | H H S P School Jaunpur (UP Board) | 58.88 |
| H.S.S.C.(2011) | H H S P School Jaunpur (UP Board) | 63.40 |
| BTech. (2017) | B. Tech (chemical Engg), Dr. A I T H KANPUR UP (UPTU) | 72.70 |
| MTech (2022) | Master of Polymer Science & Surface Engg, Institute of Chemical Technology, Mumbai, Maharashtra | 8.70 |

**Additional Research (M. Tech)**

* Synthesis and application of Structural Adhesives.
* Synthesis of Non-Isocyanates **Sorbitol/Castor oil-based Polyurethane’s** system.
* Synthesis of Metal oxide (Nano-Particle) and conductive polymer for the application of anticorrosion coating on metal.

**Supervisor:** **Prof, Dr. Aarti P. More,** Institute of Chemical Technology, Mumbai (UDCT)

**Published Research Paper & Review Paper**

* As a Co-Author of Research Paper, Journal: Development of metal oxides-conductive polymer composites for an anticorrosive application in Process.
* As a Co-Author of Review Paper, Oil based efficient poly (ester amide) coatings in progress.

**B. Tech Project**

* Production of Biodiesel from Jatropha Curcas by hydrodynamic technique.

**Academic Achievements**

* **Qualified GATE 2020** in Chemical Engineering,
* Achieved GATE scholarship by AICTE**.**
* Qualified Entrance Exam of ICT.
* Training & Placement Volunteer.
* Counseling letter provided by IIT Roorkee for MTech.

**Extra-Curricular Activities**

* Participate in **CHEMOFLEXIA** on Air Pollution organized by IICHE on 23 Sep. 2013 at Institute,
* NSAIST15 **(National Seminar on Ancient Indian Science and Technology)**, held on 14th October 2015, organized by I.I.T KANPUR U.P,
* Half-Day Workshop on **Virtual Laboratories** by *(Prof.Kantesh Balani I.I.T Kanpur*) organized by I.I.T Kanpur at A.I.T.H Kanpur.

**Computer Knowledge**

* Chem-Draw
* Origin-pro
* MS excels
* MS word
* PowerPoints

**Language Skills**

* English, Hindi

**Interests and Hobbies**

* Gardening, cooking & Teaching

I Rakesh Kumar Bind hereby declare that all the information furnished above is true to best of my knowledge, belief and I will try to give my best and gain maximum training and work experience.

Date:12/12/2023 RAKESH KUMAR BIND