

BISHWARANJAN SATPATHY

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CHEMICAL ENGINEER

EXPERIENCE

- **JK Super Cement Limited, Rajasthan, India**, GRADUATE ENG. TRAINEE (Nov 2019-Jan 2020)

I was mainly responsible for handling the Cement Mills and for the production of cement within my Shift range. For This, I have to closely work with the Manager, Field engineers, Attender, and workers. I have to watch all the troubleshooting procedures and guide the field engineer towards the fault. At JK Cement, I was able to reach the **275 t/h** feed rate in the Cement mill for PPC cement.

- **Paradeep Phosphates Limited, Odisha, India**, SUMMER INTERN (May 2016-June 2016)

I was mainly responsible for observing the different processes that are going on in the DAP, SAP and PAP plant. I assisted the Field engineer to the site of work at PAP plant, followed and checked the EMAT format at the PAP plant and assisted in the measurement of the rotary filter for changing the material of the filter cloth.

PROJECTS

- **Preparation and Characterization of Bio adsorbents for removal of Phenol from water:**

For this, 4 types of materials were used namely, Sugarcane Bagasse, Corn Cub, Banana Stem peel and seed Char. A total of 8 samples were made i.e. raw state and acid treated. These Bio adsorbents were analyzed under proximate analysis, EDX- XRD spectroscopy, FTIR spectroscopy, etc. At the end, it was found out that acid treated Corn Cubs are the best Bio-adsorbents among those chosen.

SKILLS

Cement Mill operation	Chemical Engineering Technology	DCS operator
Good Technical Knowledge	Good Communication skills	Team Player

EDUCATION

Veer Surendra Sai University of Technology, Burla, Odisha, India. **B.Tech**

Chemical Engineering; CGPA: 8.45

Kendriya Vidyalaya Gomtinagar, Lucknow, UP, India. **XII**

MBPCE; Aggregate: 79.80%

Kendriya Vidyalaya AFS Hakimpet, Secunderabad, Telangana, India. **X**

Science (with Sanskrit); CGPA: 9.4

ACHIEVEMENTS & AWARDS

- **Extracurricular Certification:**
 - *Silver medal in the Public Speaking Competition on "Voice for BT" held by Novozymes. **Aug 17**
 - *Won Chemi-Quiz Team Competition held by SOCHE at CV Raman College of Engg. **Apr 2017**
 - *Runners-up in the Poster presentation Competition at CV Raman College. **Apr 2017**