

# SUJOY BASAK

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## ❖ Career Objective

To acquire leadership and knowledge, excel in innovative technology application, interact and share with team members, and to develop world-class solution to real world challenges.

## ❖ Technical Skill

- Software : Auto Cad
- CAESAR II
- SP3D
- MS Office

## ❖ Academic Qualification

B. Tech	<p><u>Stream</u> : Mechanical Engineering</p> <p><u>College</u> : Future Institute of Engineering &amp; Management</p> <p><u>University</u>: West Bengal University of Technology</p> <p><u>Percentage</u> :</p> <table border="1" style="margin-left: auto; margin-right: auto;"><thead><tr><th></th><th><u>Sem1</u></th><th><u>Sem2</u></th><th><u>YGPA</u></th><th><u>Year</u></th></tr></thead><tbody><tr><td><b>1<sup>st</sup> Year</b></td><td>6.77</td><td>7.60</td><td>7.18</td><td>2005</td></tr><tr><td><b>2<sup>nd</sup> Year</b></td><td>6.96</td><td>7.82</td><td>7.39</td><td>2006</td></tr><tr><td><b>3<sup>rd</sup> Year</b></td><td>7.86</td><td>8.00</td><td>7.93</td><td>2007</td></tr><tr><td><b>4<sup>th</sup> Year</b></td><td>8.93</td><td>9.25</td><td>9.09</td><td>2008</td></tr></tbody></table> <p><b><u>DGPA-8.02</u></b> <u>Year of Passing</u> : 2008</p>		<u>Sem1</u>	<u>Sem2</u>	<u>YGPA</u>	<u>Year</u>	<b>1<sup>st</sup> Year</b>	6.77	7.60	7.18	2005	<b>2<sup>nd</sup> Year</b>	6.96	7.82	7.39	2006	<b>3<sup>rd</sup> Year</b>	7.86	8.00	7.93	2007	<b>4<sup>th</sup> Year</b>	8.93	9.25	9.09	2008
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H.S. (10+2)	<p><u>School</u> : Lake View High School</p> <p><u>Year Of Passing</u> : 2004                      <b>Percentage: 55.9 %</b></p> <p><u>Council</u> : West Bengal Council Of Higher Secondary Education.</p>																									
Madhyamik (10)	<p><u>School</u> : Nava Nalanda High School</p> <p><u>Year Of Passing</u> : 2002                      <b>Percentage: 67.87 %</b></p> <p><u>Board</u> : West Bengal Board Of Secondary Education.</p>																									

## ❖ Experience

- Working in **CFI TECHNOLOGIES PVT. LTD.** from 27.01.2010 till date.  
Department- Design (Mechanical & Piping)  
Designation- Sr. Engineer -Mechanical  
Current Location- Kolkata

## ❖ Responsibility

1. Routing of pipe, Checking of Piping Isometric drawing, model review and piping support, Preparation of Piping material specification, piping layout.
2. Piping Stress Analysis by Caesar II as per **ASME B31.3** and **ASME B31.1**.
3. Preparation of Bulk Material List and estimation of pipe and pipe fittings, valve of total plant along with preliminary cost estimation.
4. Design and checking of static equipment like pressure vessel, tank, Hopper, and Preparation of equipment Data Sheet.
5. Calculation of pressure vessel and tank, GA drawing for tanks, pressure vessel, Hopper etc.
6. Design as per **API 650, ASME SEC VIII Div I** code.
7. Data sheet and equipment specification for Belt and Screw conveyors, Bucket elevators, hoists, diverter, magnetic separator, hopper, loss in weight feeder, weigh feeder etc.
8. Equipment Layout, Estimation of Equipment Load and weight calculation, Material handling layout.
9. Review and checking of Equipment vendor drawings.
10. Preparation of TBE and CBE for equipment procurement. Procurement activities, vendor dealings, Vendor quotation technical evaluation and communication.

## ❖ Project Handled

- Worked as a Piping Engineer at **280 MTPD Nitric Acid Revamp Plant Project, Indonesia. Worked at Indonesia, Jakarta, Cikampek in site at 280 MTPD Nitric Acid Plant of PT Multi Nitrotama Kimia. Responsible for supervision of piping erection and inspection of Piping during the tenure.**
- Worked as a Procurement Engineer in multi **Fertilizer Complex Project, Egypt, in Water Soluble Fertilizer, Calcium Nitrate and Calcium Chloride Plant. Responsible for Technical Bid Analysis, Vendor Communication and dealings as well as vendor equipment drawing and design review.**
- Worked as a Sr. Engineer-Mechanical in Project for **200 MTPD Revamp Project, Israel. Responsible for Design of Static equipment and calculations as per API, ASME standards (Tanks & Pressure Vessels), data sheets and specification of all mechanical equipments, equipments, Piping support drawing and Piping design, Cost estimation and Bulk Material Estimation of total piping.**
- Working as a Sr. Engineer-Mechanical in a running project of **800 MTPD DAP-NPK Plant. Visited Iran in April 2015 and July 2015. Responsible for Mechanical Supervision and Layout study. Responsible for finalization of material handling scheme layout and measurement for existing plant building and dealings with client.**
- Working as Sr. Engineer in a feasibility study of **Fertilizer Complex. Responsible for preparation of total plot plan of fertilizer complex.**

- ❖ **Apart from the above responsibilities-** Knowledge in P&ID preparation regarding pump network, steam piping network, utilities etc. Process Flow Diagram (PFD) preparation.

## ❖ Experience

- Worked in **NEW ALLENBERRY WORKS** from 04.09.2008 to 25.01.2010.

Department- Design (Helical Gear Dept.)  
Designation- Senior Officer (Design)  
Experience- 1 year 4 months  
Location- Kolkata

❖ **Responsibility**

1. Designing of gear box housing, manufacturing components and checking of layout.
2. Tooth design of gear and pinion in kiss soft software.
3. Allotment and distribution of job to Draughtsman, Indenting of Raw materials and housing.
4. Foundation load calculation, torsional stiffness calculation of shaft, weight calculation of gear and pinion.

❖ **Total Experience- 8 years 11 months.**

❖ **Training**

<b>Company Name</b>	<b>Place</b>	<b>Durations</b>
<b>Oscar Toolings</b>	<b>Tollygunge, Kolkata</b>	<b>One Week</b>
<b>Stone India Ltd.</b>	<b>Taratala, Kolkata</b>	<b>Visit</b>
<b>Arvind Engineering Works Ltd.</b>	<b>Taratala, Kolkata</b>	<b>Visit</b>
<b>IISCO Steel Plant</b>	<b>Burnpur, Asansol</b>	<b>Two Weeks</b>

❖ **Personal Details**

**Date of Birth** : 10<sup>th</sup> June, 1986  
**Sex** : Male  
**Father's Name** : Mr. Shyamal Kanti Basak  
**Nationality** : Indian  
**Language known** : English, Hindi, Bengali.  
**Marital Status** : Single.

❖ **Strength**

- Hard working
- Flexible and honest

❖ **Interests**

- Listening music.
- Watching football.

❖ **Declaration**

I consider myself familiar with Mechanical Engineering aspects. I am also confident of my ability to work in a team or alone.

I hereby declare that the information furnished above is true to the best of my knowledge.

**Date: 05.08.2017**

**Place: Kolkata**

Signature

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(SUJOY BASAK)