**RAHUL SARASWAT**

**76, Bhagwangarhi, Gorai, Aligarh 202145**

**Mobile: +91-9412817725**

**Mail Id:** **rahulsaraswat065@gmail.com**

**Career Objective**

I am an adaptable qualified Mechanical Engineer with over 2 year experience. Creating efficient production by mean of better quality process. I am looking to develop my expertise in new concept development within a forward thinking company willing to work as a key player in challenging and creative environment.

**Educational Qualification**

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| --- | --- | --- | --- | --- |
| **EXAMINATION** |  **INSTITUTION** |  **BOARD/** **UNIVERSITY** |  **YEAR OF**  **PASSING** | **PERCENTAGE** |
|  **Graduation:** **B.Tech**  **(Mechanical)** |  **BSA college of**  **Engineering &**  **Technology,** **Mathura, U.P** |   **Uttar Pradesh** **Technical** **University** |  **2016** |  **68%** |
|  **Intermediate** |  **SMT. G.D Inter college** **Gorai (Aligarh)** |  **UP Board** |  **2012** |  **65.8%** |
|  **High School** |  **SMT. G.D Inter college** **Gorai (Aligarh)** |   **UP Board** |  **2010** |  **63.3%** |

**Technical skills**

* **Programming Language:** C.
* **Operating System:** MS Windows (ver. 7, 8, 10, XP).
* **Software:** AutoCAD.
* **Certification:** Computer Concept Course.

**Working Experience**

* **Company: NAMO ALLOYS PVT. LTD. PALWAL, HARIYANA.**
* **Job Description:** Working as **Quality & Process Engineer** in Quality department From August 2017 to till Date.
* **Company: IMPERIAL AUTO INDUSTRY.FARIDABAD,HARIYANA.**
* **Job Description:** Worked as **Quality engineer in** Quality department From August 2016 to August 2017.

**Industrial Training**

* Have done 30 days industrial training (INTRENSHIP) from **BHARAT HEAVY ELECTRICALS LIMITED, Ranipur Haridwar.** Where I have learnt about manufacturing of steam turbine.
* Have done 30 days training from **IMPERIAL AUTO INDUSTRIES LIMITED**, **Faridabad** Where I have learnt about manufacturing of fluid transmission product.

**Workshops**

* Attend Two days workshop on **Robotics, Quad copter** held at **BSACET Mathura.**
* Attend Two days workshop on **Advancements & Futuristic Trends In Mechanical Engineering**

Conducted by CADDESK at **BSACET Mathura.**

**Project**

|  |  |
| --- | --- |
|  **Project:**  | Electricity generation using solar dish and sterling engine |
|  **Duration:** | 4 months |
|  **Team size:** | 5 |
|  **Technologies and platform:** | Solar energy,  |
|  **Uses:** | Generation of electricity for commercial uses |

**Description:**

 In this system we use a parabolic solar dish with high reflectivity mirrors, a sterling engine (heat Powered) and an alternator. The heat from the sun is reflected from the dish and is concentrated at its focus where the hot end of sterling engine is positioned, based on the temperature difference between the hot and cold end of the engine the rpm is generated on the output shaft which is coupled through the alternator shaft to generate electric power. Mirrors are to be chosen of high reflectivity of about 0.95 placed on the dish of about 1 sq. metre. The sterling engine uses air or helium as the medium with the maximum temperature difference of about 100ºc and rotates up to 1500 r.p.m. accordingly. Thereby the input shaft of alternator is rotated which produces the energy necessary to power one household.

**Achievements**

* Won **Silver** medal in Badminton competition.
* Secured 1200 rank out of 3400 students at national level aptitude test.
* Coordinate many workshops in college.
* Successfully organized a charity program in mechanical club of our college”**NIRMITI”.**
* Was the member of coordinator team of our **TECHFEST** Programme.

**Extra-Curricular Activities**

* Participated in online courses on “**Refrigeration and Air conditioning “** under

**NPTEL** of **IIT Kharagpur.**

* Participated in **Blood donation and Environment Clean Campaign** at **BSACET.**
* Participated in **National Level Scholarship test** Conducted by **APLL** held at Mathura.
* Participated in Group Dance at **Arunima -2014** Organized at **BSACET.**

**Areas of Interest**

* **Manufacturing**
* **Quality**

**Personal Details**

 **Name :** Rahul Saraswat

**Father’s Name :** Mr. Ramvir saraswat

**Date of birth :** 10 may 1995

**Sex :** Male

**Marital status :** Single

**Nationality :** Indian

**Language :** Hindi, English

**Declaration**

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

**Place (.......................)**

**Date (........................) Rahul saraswat**