

ROHIT RAJ

ACADEMIC PROFILE

| Degree/Certificate | | Institution | | | | Percentage/CGPA | Year |
|--------------------|--------|--|--------|-------|--------|-----------------|----------|
| B-Tech | | Mechanical Engineering IIT (BHU), Varanasi | | | | 8.00 | 2020 |
| Sem I | Sem II | Sem III | Sem IV | Sem V | Sem VI | Sem VII | Sem VIII |
| 9.07 | 7.71 | 7.68 | 6.60 | 8.75 | 8.13 | - | - |
| CBSE (XII) | | None | | | | 87.20 | 2015 |
| CBSE (X) | | None | | | | 85.50 | 2013 |

SKILLS

Field of interest

Thermodynamics, Fluid Mechanics, Manufacturing Engineering, I.C Engine, Data Analysis.

Software

MATLAB, SQL, MS-OFFICE

Soft Skills

Teamwork, Adaptability, Workoholic, Enthusiastic to solve real-life problems, Public Speaking.

INTERNSHIP/TRAINING

Design & Innovation Hub

06/2018 - 07/2018

Development of an innovative welding process operating at Eutectic Temperature known as Eutectic Welding.

Eutectic Composition of "Al & Al" and was "Al & Cu" cast and hence was used as a filler material to weld "Al - Cu" and "Al - Cu" plates.

Characterization of the welded joint was done.

Industrial training at IOCL, Guwahati Refinery

15/05/2019 - 30/06/2019

Overview of Mechanical Components and their Maintainance in Different units of IOCL Refinery.

A Project study on characteristics of centrifugal Pump and Thermal power station.

Industrial Training at Diesel Locomotive Works

05/2018 - 06/2018

Explored different workshops of "DLW", Varanasi.

Witnessed various mechanical processes and other application of theories learned in our curriculum.

PROJECTS

Brazing of "Stainless Steel" and "Titanium"

4/12/17 - 30/12/2017

Braze Welding of "Stainless Steel" and "Titanium" was carried out using MIG technique using Cusi3 wire and characterization of the welded joint was done to get the microstructure and properties.

Forecasting of e - waste generation.

01/2019 - 11/2019

Sales data from distributors of mobile firms were collected and was used to forecast e-waste generation.

Welding and Characterization of two dissimilar metals "Titanium and Stainless Steel".

12/2017 - 01/2017

Cold Metal Transfer (MIG) welding was carried out to weld Titanium(Grade 2), Stainless Steel(Grade - 310L) plates using CuSi3 wire and further characterization of the weld joint was carried out.

POSITION OF RESPONSIBILITY

COMET'18

09/2017 - 04/2018

Contributed in the successful organization of Alumni Meet of 1997 Batch, Mechanical Engineering, IIT(BHU). Team management of Hospitality team & Registration team of MES.

Data Management .

Publicity Co - Coordinator, TECHNEX'18.

08/2017 - 2/2018

TECHNEX'18 observed the highest participation of all editions till date.

Coordinator COMET'17

Contributed to the successful organization of Conference on Mechanical Engineering and Technology(COMET), 2017.

Approach different coaching institutes for CDQ aptitude test.

T: 7460844853 **E:** rohit.raj.mec16@itbhu.ac.in **Address:** B/30 CCL CONY ARA SARUBERA, KUJJU AREA