Kashif Ajaz Peerzada

Curriculum Vitae

Personal Data

Place and Date of Birth:	India | 14 July 1999
Address:	Jammu and Kashmir, India
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Objective

Fresher B.Tech (Mechanical) looking for a job with Mechanical Engineering, Project Management skills.

Education

August 2016-July 2020 — Bachelor of Technology in Mechanical Engineering, **Shri Mata Vaishno Devi University**, Jammu and Kashmir
Cgpa: 7.46/10.0

Mar-2016 — **Higher Secondary Part Two Examination (Class 12th)**
Grade: B1
Subjects: Physics, Chemistry, Mathematics, Computer Science, General English

Mar-2014 — **Secondary School Examination (Class 10th)**
Grade: A1

Experience

June 2019-Jul 2019 — **Mechanical Engineering Intern**
National Hydroelectric Power Corporation,
Jammu and Kashmir, India

Throughout the course of my six week internship at Kishanganga Hydroelectric Power Project, I was given the opportunity to get an exposure of the practical implementation of theoretical fundamentals.

I Monitored Hydroelectric plant performance and operational equipments, such as generators, transformers, turbines, valves and gates.

Prepared detailed report and reported on-site progress to supervisor.

May 2018-Jul 2018 — **Undergraduate Trainee**
Mechanical Engineering Department,
Jammu and Kashmir, India

Successfully attended two months summer practical training program at Jammu and Kashmir Mechanical Engineering Department

Projects

May-2020 **Electronic Waste Recycling and Management**

Visited a number of E-Waste recycling plants and local scrap dealers to determine the current scenario of E-Waste Management

Analysed the data and weakness in the current E-Waste management system

Provided a modified E-Waste recycling system to overcome the existing shortcomings, which minimizes the material handling cost during recycling

Finally designed a model of compact, lightweight and mobile plastic shredding machine for shredding of plastic waste in domestic area

Mar-2019 **Heliodon**

Designed and Fabricated a simpler, less expensive version of HELIODON

A Hands-On daylighting educational tool

Used to physically simulate the sun's path across the sky at any equinox or solstice for any latitude

Mar-2018 **BAJA SAE**

Active member of a team which built a mini-baja vehicle for the 2018 BAJA-SAE Competition

This project involves the design, fabrication, and testing of a competent off-road recreational vehicle that can successfully outperform competing colleges

We took sixth place overall in the competition out of 50 teams

Nov-2017 **Automated irrigation system using Soil Moisture Sensor**

Fabricated a working model of Automated Irrigation System based on soil moisture using Arduino

Used SEN-13637 Soil Moisture Sensor to detect the soil moisture content

Arduino Based Automatic Plant Watering System has been designed and tested Successfully

Skills

Mechanical Component Design(Solidworks, Catia)
Programming Languages (C, C++)
Project Planning and Development
Process Improvement
Fluent in English

Membership

Society of Automotive Engineers, Nov 2018 to May 2020