

Rahul Saneja

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Aiming for a designated position with an esteemed organization in Engineering ,preferably in the areas of Power Generation, Web Development, Production and Supply chain management, Business Management in the industry

ACADEMIC DETAILS

- **B.Tech. (Mechanical)** from Vellore Institute of Technology (VIT), Tamil Nadu in 2017 with 7.15 CGPA
- **XII** (CBSE Board), in 2013 with 89.7%
- **X** (CBSE Board), in 2011 with 82%

SKILL SET

- Technical Skills –MS Word, MS Excel, Basic C programming, C++
- Software- AutoCAD, Solid Works, Pneumatic Systems, Catia
- Proficient in MS Office
- Good communication & presentation skills

EXPERIENCE

- Joined as a Graduate Engineer Trainee to look after rotary machinery (air heaters and fans) at PCP International's site in Meja, Allahabad in July 2017 on a probation of Six months.

INTERNSHIP

Organization: **BGR Energy Systems Ltd.**, Meja, Allahabad(U.P)- 1Month

Description: Excavation process & Boiler cleansing process (Hydro Test) in 2*660 MW Thermal Power Plant.

ACADEMIC PROJECTS

Title: Fabrication of Composites and Testing under Charpy Test-Mini Project

Period/Duration: 5 months, Jan'17- May'17

Description: Fabricated glass fibre composite and conducted testing under charpy/Izod impact loading test to gauge the impact strength of the sample and fabrication of a glass fibre laptop case as a prototype.

Title: High Resistance Hybrid Laminated Composites under Impact Load Testing in Adverse Condition-Major Project

Period/Duration: 5 months, Jan'17- May'17

Description: Gained exposure in making of glass fibre, jute fibre and glass+jute fibre hybrid composites and tested them for drop impact test and tensile test to get the mechanical properties and performed further testing under adverse conditions (High Temperature) to compare the variation in properties.

Title: Design and Temperature Analysis of a Four Stroke Engine Piston During Exhaust Stroke-Mini Project

Duration- 5 months, July'15- Nov'15

Description: Designed a Diesel I.C engine using Ansys & simulated the combustion in the engine, learning about NOx, Sox & CO emissions through a CFD analysis

Title: Design and Analysis of a Shaft of IC Engine (Mini Project)

Duration: 5 months, July'16- Nov '16

Description: Project involved designing of a Shaft for a vehicle using mild steel & epoxy based composites and further testing its failure for fatigue, stress, strain and deformation in solid works.

EXTRACURRICULAR ACTIVITIES

- Received Diploma in Product Design (AutoCAD & Solid works) from CADD Centre.
- Worked with Youth Red Cross (YRC) for 12 months (YRC, a voluntary humanitarian organization working to protect human life and health based issues in India)
- Active Member of 'Ed for all' (NPO) in VIT University
 - Table Tennis Championships at District and State Level
 - Badminton Championships at Inter School and District Level
- Worked as an activist for Uddeshya (an NGO working towards youth issues such as AIDS, drug addiction)
- Worked as an active member in fund raising campaigns for Helpage India(an NGO working for betterment for old people)

PERSONAL DETAILS

Date of Birth: 03/08/1995

Languages Known: English, Hindi

Permanent Address: 164-L, Model Town, Sonipat, Haryana