

Pawan Kumar Rai
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Objective

To be an astute learner and the best performer, so that I can build an innovative career in your esteemed organization by using my skills and knowledge.

Educational Qualification

Examination	Board/University	School/College	Year of Passing	Percentage
B.Tech (Mechanical Engineering)	A.K.T.U	B.N. College of Engineering and Technology	2018	77.91%
Diploma (Mechanical)	M.S.B.T.E	S.S.V.P.Ss.Bapusaheb Shivajiroa Deore College of Polytechnic	2015	77.43%
High School	C.B.S.E	Brijnandani Convent school	2012	85.50%

Core Strengths

- Adaptable
- Quick learner
- Team Player
- Cooperative

Technical Strengths

- Programming- CNC
- Software –
 Autodesk, AutoCAD, Inventor, Lotus Shark
 MS Office (MS-Word, MS-Excel, MS-PowerPoint)

Subjects of Interest

- Strength of material
- Metrology and Quality Control

Industrial Visits

- Went on industrial visit to Tata Motors, Lucknow
- Went on industrial visit to Bridgestone Tyres, Pune

Industrial Training

Organization – Megha Chevrolet

Domain – Engine shop

Tenure – 6 Weeks

Finished Projects

PROJECT-1

- **Title:** *HYDRAULIC STIFFNESS TESTING MACHINE*
- **Technology:** Use of hydraulic pressure for causing deflection in Spring
- **Team members:** 4 members
- **Role:** Assembly and Team Leader

PROJECT-2

- **Title:** *DESIGN AND FABRICATION OF PLAYGROUND SLIDE WITH NATURAL FIBRE HYBRID REINFORCED COMPOSITE (HEMP&SILK)*
- **Technology:** Making a hybrid natural composite material
- **Team members:** 5 members
- **Role:** Group leader and Literature review

Achievements

- Presented a research paper titled “*Fabrication and measurement of breakdown voltage of natural fiber reinforced polymer composite: Bamboo/Hemp*” in SPEEDS 2017 at SMS Lucknow.
- Presented a research paper titled “*A Comparative Study of Impact Strength of Silk Fiber Reinforced Polymer Composite Sample, Hemp Fiber Reinforced Polymer Composite Sample with Pure Polymer Sample*” in SPEEDS 2017 at SMS Lucknow.
- Ranked 1st in **Technical paper presentation** during Inter College Event.
- Ranked 3rd in **Power point presentation** during Inter College Event.
- Awarded with the Certificate of Participation in **ALTAVISTA connect to young program** by **Altaviata**.
- Awarded with the Certificate of Completion in **AutoCAD**.
- Awarded with the Certificate of Completion in the course **Non-Traditional Machining Processes** by **NPTEL**.
- Awarded with the Certificate of Completion in the course **Introduction to composites** by **NPTEL**.

- Attended a **SDP on Solar Vehicle Design & manufacturing** conducted by **Imperial Society of Innovative Engineers**.
- Presented a seminar on **Aqua silencer** at institute premises.

Personal Profile

Father's name : Mr. Awadhesh Rai
Date of Birth : 15th july, 1997
Languages known : English, Hindi, Marathi
Address : village+ Post- Basuka, Ghazipur (U.P)
Pin code- 232339

Declaration

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

Date: Lucknow

Place:

(Pawan Kumar Rai)