



DIVYANSHU GOEL

M.Tech (Production Engg.)

Malaviya National Institute of Technology Jaipur (MNIT)

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Address: Kiran Tent House, Nayi Basti Civil Lines Bijnor, U.P.

Gender: Male

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Degree/Std.	University/Board	Institute	Passing Year	CGPA / %
M.tech (Production)	NIT Jaipur (MNIT)	NIT Jaipur (MNIT)	2019	7.78
B.tech (Manufacturing)	NIFFT Ranchi	NIFFT Ranchi	2016	8.01
Intermediate/+2	CBSE	Little Scholars School	2011	82.40
10 th Std.	CBSE	Little Scholars School	2009	84.20

KEY PROJECTS

DST- Govt. of India (Department of Science & Technology) funded Research Project on Wind Turbines

Synthesis & Erosive Wear Analysis of Barium Sulphate-filled Glass Epoxy Composites for Wind turbine Applications

- Explored potential applications of Barium Sulphate as potential additive in **Glass Fiber-Reinforced Polymers** for Wind Turbine Blades.
- Specimens were fabricated using Vacuum-Assisted RTM Method, tested for Structural, Fatigue Life and Wear in Dusty Conditions.
- Full Scale Prototype Blade's Structural Performance was also evaluated under heavy wind loads by **designing in Siemens-NX** & simulated using **ANSYS Inc.**

Internship Project at Ashok Leyland Ltd. SIDCUL- PANTNAGAR UTTARAKHAND

Analysis of Gear Lever Fouling on FES (Front End Structure) Truck Models

- In-depth Investigation of the causes responsible for the continuous **gearlever fouling with Bonnet Cutout** after truck assembly.
- Suggestion of suitable engineering measures, to eliminate further rework by technicians & problem elimination at grassroot level during assembly.
- Positive Results yielded better efficiency & reduced dependency on human approximations.

TECHNICAL SKILLS

- Computer Programming Languages: C, C++
- Platforms: XP, WINDOWS 7, 8.1 & 10
- MS Office: MS Word, MS Power Point, MS Excel, MS Access & MS Visio
- Engineering Packages: Siemens NX, Autodesk Inventor, **Ansys, CATIA**

POSITIONS OF RESPONSIBILITY & EXTRACURRICULAR ACTIVITIES

Event Coordinator for Institute's Cultural-Tech Fest JINKS-PRANAV 2015 at NIFFT Ranchi

- *Successfully coordinated **SRIJAN**- A Competitive event for CAD-CAE modelling.*

Former Member of SAE-India & Collegiate Club

- *Worked on the Development of All-Terrain Vehicle (ATV) to Compete in BAJA-SAE India Event.*

Social Commitments

- *Actively Involved in **CLEAN INDIA** Campaign & Served as Tutor at NGO **Kartavya**, active in education of Poor and Underprivileged Children*

HOBBIES

- *Watching Movies*
- *Listening Music*