

Anteshwar Swami

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EDUCATION

National Institute of Technology (NIT) - Kurukshetra, Haryana
Master of technology in Machine Design
GPA: 8.14/10.0

Graduation:
June 2025

Relevant Coursework: Applied numerical methods, robotics, Finite element method, Cad

TECHNICAL SKILLS

Languages: C, C++, Html
Cad Modelling: SolidWorks, Creo, AutoCAD, Catia, Siemens Nx
Design standards: GD&T, ASME Y14.5M, Tolerance Stack-Up
Product design: Sheet metal, casting, assemblies, plastic parts
Data tools: Microsoft excel, Powerpoint
PLM Tool: windchill

EXPERIENCE

Intern
Havells India Ltd. Noida

August 2024
– August 2025

- Reduced arcing contact gap from 4.50mm to 3.56mm by applying GD&T.
- Collaborated with team members to improve drawing tolerances.
- Reduced main isolation contact insertion force by 15%.
- Reduced latch gap from 2.57mm to 1.53mm by applying GD&T.

PROJECTS

Experimental analysis of turning of titanium alloy

- Achieved relation between different parameters of turning and force vectors.

Analysis of Four bar Mechanism based air circuit breaker

- relation between angular velocity with input angle found out for different coupler length and different stiffness of spring.
- simulated the results for plotting respective plots in each case and drawn conclusion based on comparison.

LEADERSHIP & ACTIVITIES

Member, Student Council NIT Kurukshetra