PRATEEK GUPTA

Behind Usha Heights
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Career Objective

To begin my lecturer career at a highly reputed and eminent institute and to gain exceptional career move ahead through long efforts and performance regularity.

Academic Credentials

Qualification	School/Institute	Passing Year	Percentage
M.TECH. Mechanical System Design	NIT Srinagar	2017	7.185 CGPA
B.E. Mechanical Engineering	Government Engineering College, Bilaspur (C.G.)	2014	70% (CPI-7.65)
10+2	HSM Global Public School, Bilaspur (C.G. Board)	2010	78%
10th	M.V.M. School, Bilaspur (CBSE)	2008	72%

Work Experience

1. Designation : Assistant Professor
   Institute : J.K. Institute of Engineering
   Duration : 01/09/2017 – 30/12/2017

2. Designation : Assistant Professor
   Institute : Guru Ghasidas University
   Duration : 16/08/2018 – 21/06/2019

- Currently employed in Guru Ghasidas University as Assistant Professor in Mechanical Engineering Department.

Technical Skills

Computer Knowledge	:	MATLAB
Designing Software	:	Hyperworks, CATIA
Operating System	:	Windows
Area of Interest	:	Teaching

Vocational Training

1. NTPC Limited, Korba
   Duration: One month
   Description: PPF, Main Plant, Boiler, Turbine, CHP
2. Central Tool Room & Training Centre, Bhubaneswar
   Duration: One month

Description: Conventional Turning, Conventional Milling, Conventional Grinding, Reverse Engineering, CNC milling and turning & In-plant training in Production Department, CATIA

Academic Project

M.Tech. Project Work -

Title:	Structural Design of Typical Aircraft Brackets through Topology and Size optimization.
Organization:	CSIR-National Aerospace Laboratories, Bangalore
Tenure:	12 Dec 2016 – 18 July 2017
Objective:	To carry out the finite element analysis based studies considering topology and size optimization concepts to arrive at the procedural steps for the structural design of aircraft brackets.
Project Description:	The loads (drag & lift) carried by wings mainly are conveyed through the joints (brackets/lugs) to the fuselage, experiencing the maximum bending moment and high stress. Therefore, the designs of typical aircraft brackets, with single lug, two lugs and three lugs, were carried out considering finite element analysis in conjunction with topology and size optimization techniques using commercial finite element analysis tools (Hyperworks-Optistruct).

B.E. Project work -
Major: Adaptive Cruise Control System
Minor: Manufacturing of Hand Injection Mould

Achievements

- Got scholarship from college in B.E.
- Selected in Joint CSIR UGC Test 2014 for JRF (NET)

Strength

- Good Communication and interpersonal skills
- Good Technical Knowledge
- Excel in high pressure situations
- Pleasant behaviour and affable personality
- Proactive and innovative
- Inquisitive

Personal Profile

Name	:	Prateek Gupta
Father's Name	:	Pramod Gupta
Date of Birth	:	28th Jan, 1993
Marital Status	:	Unmarried
Reference	:	Can be given when required.

(PRATEEK GUPTA)