

DIVYA PRAKASH SINGH

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Education

Degree	Year	Institution	Score
M. Tech, Production Engineering	2014-2016	DTU ,DELHI	7.92/10.0
B. Tech, Mechanical Engineering	2009-2013	MIT, MANIPAL	7.31/10
Class XII (C.B.S.E.)	2008	John Milton School , Agra	75.6%
Class X (C.B.S.E.)	2006	Rameesh Intl School, G.Noida	76.6%

Key Academic Projects

M.Tech.

TOPIC : Critical review On Operational issues in Scheduling Of FMS (2015-2016)

FMS control problems are very complex and difficult. Rather than attempting to get the optimum solutions of the problem formulations, research should be done on interactive document and control of FMS where there is nominal input in the loop. Modern workstations provide a splendid opportunity for the development of FMS control decision support systems using the graphics capabilities, and underlying heuristics or rule-based systems. FMS is different things to different researchers. Quite often only the alternate operations aspect is emphasized. It is time to move on to further development comprehensive control schemes which take heedfulness of the complex interaction of the multiple resources in an FMS: transporters, CNC shape, robots, tools, fixtures, pallets. This could be done using hierarchical or hierarchical schemes.

B.Tech.

Topic: Crash Analysis Of Racing Cars Chassis (2013)

The objective is to present some advances for the crash analysis of structures. Crashing a structure is a low-speed, practically static event. However, because of the solution difficulties with static analysis pro-grams, so far, largely transient analysis procedures based on explicit time integration have been used for crash simulations. These analyses are computationally very expensive, unless severe artificial modeling assumptions regarding the speed of crashing, mass density of the materials, or other analysis ingredients are made. In addition, the transient analysis procedures may become numerically unstable at the correct physical conditions.

Work Experience:

Mechanical Faculty

GATEFORUM , SAKET (NEW DELHI)

Dec 2018- Jan 2019

- Teaching Theory Of Machine

Yantrik , Gwalior

July 2018- Sept 2018

- Teaching Thermodynamics , IC Engine, Rac & Heat Transfer

KD CAMPUS, GTB NAGAR (NEW DELHI)

August 2016 – November 2018

- Teaching Thermodynamics and its Applied subjects.
- Teaching Heat and Mass Transfer

Training

- **Site-** SUZLON, MANGALORE
- **Duration-** 45days, May-June 2012
- **Areas of training-** Process of blade preparation of wind turbine and its spray painting.

Computer Skills

- **Programming Skills:** Knowledge of C.
- **System Skills:** Comfortable using Window and Microsoft Office.
- **Software :** LS DYNA, HYPER MESH, CATIA , PRO-E, AUTOCAD.

Interests

Listening to rock music, watching movies, reading novels and playing football, badminton and chess.

Languages

Proficient in English and Hindi.

Declaration

I hereby declare that all the above-mentioned details are true to the best of my knowledge.