

NEHA INAMDAR

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EDUCATIONAL QUALIFICATION:

M.S. in Mechanical Engineering , May 2016 <i>University of Texas at Arlington</i>	Pursuing
B. E. in Mechanical Engineering , May 2012 <i>University of Pune, India</i>	Honors: 67.77%

TECHNICAL SKILLS:

Subjects: Fluid mechanics, Turbo machinery, Thermodynamics, Heat Transfer, Material Science, Machine design
Software: ProE, ANSYS, AutoCAD, C, MATLAB, ICEPAK

PROJECT WORK:

Design, Simulation & Manufacturing of an Acoustic Enclosure:

Aim was to design and simulate the enclosure for the purpose of noise reduction to abide by the environmental noise norms.

Design, Simulation & Manufacturing of Material Handling trolley:

Aim was to design and simulate the trolley of required load carrying capacity with stress strain analysis using ANSYS.

Atmospheric water generator:

Exhibited model using condensing coil for de-humidification. Water was made potable using purifier attachment.

Project was exhibited in National level Working Model Contest at IET Karmaveer Expo – 2010

Seminar on Air-Conditioning pharmaceutical laboratories:

Study on Particulate Matter Control which is critical to indoor environment in pharmaceutical labs.
Comparison of air-conditioning systems for labs with different indoor environment requirements.

WORK EXPERIENCE:

Summer intern, (June 2015- present), Atlas Copco Drilling solutions LLC, Garland, Texas, USA :

Responsible for tools and fixture design for an outsourcing and new vendor development project

Sourcing Engineer, Atlas Copco India Ltd., Nashik (July 2012 to June 2014):

Development of Hydraulic components, Planning & sourcing of machine components, internal control, Handling Imports, Kanban system set-up.

Summer intern (June 2010), Atlas Copco India Ltd.(ADS Division), Nashik, India:

Designed IDM 30 machine's components on ProE 4.0 in 3D. Study of Kanban & industrial orientation.

Workshop member, Bosch India:

Did the technical workshop (opportunity given to top 5% students) at BOSCH India Fuel Injection plant.

HONORS and ACHIEVEMENTS:

Secured Honors (First Class with Distinction) for Bachelor degree

Awarded the Federal Government scholarship (given to the top 10% students) for all four years of my undergraduate program

TRAININGS UNDERTAKEN:

Workshop on Foreign Exchange Management Act (FEMA) :

Attended a workshop on Foreign Exchange Management Act by Mr. K. Parameswaran for application in Imports.

Workshop on sourcing excellence and vendor management:

A workshop by Indian Academy of Management on Vendor Management with concepts of Just In Time (JIT), Total Quality Management (TQM) and zero inventory and the mathematical model to Sourcing principle.

LEADERSHIP SKILLS:

Captain of Department Girls Volley-ball Team, years 2010 & 2011 in KKWIEER

Treasurer: MESA (Mechanical Engineering Students' Association)

Organizer, Personality Contest: Undergraduate cultural festivals

Runner-up in district level Badminton & Table Tennis competition, year 2004