

# Nishad Vijay Ledharam

A-1, 1<sup>st</sup> floor, Jai Ambe co-operative society, V.P Road, Valsad-396001

**Phone:** 7043593911, 9974101771

**Email:** nishadvijay8@gmail.com

**Date of Birth:** 6<sup>th</sup> February 1996



## Profile

- Can take initiative, work under pressure and balance multi-tasking assignments
- Can communicate ideas and present confidently
- Can be a good team member, especially in situations where tough and high stress goals have to be achieved.

## ▪ Academic Profile:

Year	Degree and School/University	Marks
2014-2018	Bachelor of Engineering, Gujarat Technological University, Dr S & S S Ghandhy Government Engineering College, Surat, Mechanical Engineering	CGPA: 8.33 CPI: 8.49 GATE Marks: 56.39
2013-2014	Higher Secondary School Certificate Examination, Gujarat Secondary and Higher Secondary Education Board, St. Joseph English Teaching High School	80.9%
2011-2012	Secondary School Certificate Examination, Gujarat Secondary and Higher Secondary Education Board, St. Joseph English Teaching High School ,Valsad	82.6%

## Distinctions and Achievements:

Have displayed the ability

- To balance academics with extra and co-curricular activities
- To lead and motivate teams

Year	Particular
2011-2012	Volunteer for Interschool Annual Program
2012	First runner of Indian Association of Physics teachers ,2012-2013
2014-2015	Event Coordinator at College Technical Festival Anveshan
2015-2016	Volunteer for Chess in Sports week, Muqabla
2016	Second runner up for an Line follower event at GEC, Surat
2017	First runner up for an Arduino based event at Zonal University Technical Festival

## Final Year Project:

**Title:** Comparative Study of Modern Refrigerants in a Vapour Compression Refrigeration System.

**Description:** The refrigeration load and the mass flow rate are related by the Latent heat of Vaporization of the refrigerant. However, the low temperature achieved is dependent on the high pressure of the system. By adding high boiling compound to the existing refrigerant, the performance can be improved by internal cascading of the system. This principle is used to achieve a lower refrigeration temperature with existing system.

## Practical Experience

**Intern at:** Gujarat Industries Power Company Ltd, Surat (<http://www.gipcl.com/>)

**Description:** At GIPCL, Studied and practical exposure regarding fluidized bed combustion boiler, Reaction turbine, feed water system, fuel/ash handling system, solar panel matrix and Electrical power distribution.

## Co-curricular and Extra-curricular Activities

Have actively done courses in keeping with current environment needs.

Year	Experience
2012	C/C++ language
2016	AutoCAD
2017	Numerical Control Programming (simulation at Siemens Centre of Excellence, Dr S & S S Government Engineering College, Surat )
2016-2018	Siemens NX (including FEA and motion simulation at Siemens Centre of Excellence, Dr S & S S Government Engineering College, Surat )

## Skills and Interests:

- Good at operating hand tools
- Basic Arduino Programming
- Basic C language
- Basic Thermal simulation in AspenOne V9.0
- Design and Assembly modelling in AutoCAD
- Design and Assembly modelling in NX9.0
- Structural simulation in NX9.0
- Basic in Thermal simulation in NX9.0
- NC programing of Turning and milling in Siemens controller: SINUMERIK 808D
- Proficient in MS Office
- Good at keeping and maintaining records files

## Industrial Visits:

- Sumul Dairy, Surat
- Sumul Bajipura Chiiling Centre, Bajipura
- Sumul Cattle Feed Plant, Bajipura
- Ukai Hydro Power Station, Ukai
- Kakrapar Nuclear Power Station, Kakrapar
- Madhi Sugar Factory, Madhi
- CNC Sector, Industrial Training Institute, Surat