

[DHAVAL H. KANJARIYA](#)

Email : [dhavalhk3091@gmail.com](mailto:dhavalhk3091@gmail.com)

Contact No : +91 98251 66515 (Mobile)

+91 97262 04503



### Academic

Degree

College

University

Duration

Percentage

#### **M. E.**

A D Patel Institute of Technology

Gujarat Technological University

2013-2015

**7.97 CPI (74.7%)**

Degree

College

University

Duration

Percentage

#### **B.Tech.**

S S College of Engineering

Rajasthan Technical University

2008 – 2012

**67.12%**

### IT Platform

#### **Frontend Developer;**

Create structure of webpage using Html and Html5, styling of webpage using Css and bootstrap, form Validation using javascript, etc.

### M. E. Dissertation

#### **Design & Analysis of Hoisting Mechanism for Single Failure proof EOT crane**

Executed Industrial Defined Problem for M/s Anupam Industries Limited, Vallabh Vidhyanagar, Gujarat. Company assigned me to develop a Hoisting Mechanism for EOT Crane. Company intends to have EOT Crane in place which can finish the operation even if there is a failure of any of its components. I have worked closely with Technical Staff and developed pilot hoisting mechanism of EOT crane which has alternative arrangement enabling immediate repair and reduce downtime of EOT crane.

### Publication

Published article entitled "A Review on Design and Analysis of Hoisting Machinery in EOT Crane" for publication by the International Journal for Scientific Research & Development (IJSRD) (ISSN : 2321-0613) in volume 3, issue 2 in April 2015.

### B. Tech. Project

#### **Power generation by speed breaker**

Project based on generated electricity with help of speed breaker. As vehicles pass over the speed breakers which are connected to a generator. So it is produce electricity. I have converted mechanical energy to electrical energy in this special arrangement. This is nonconventional method to produce electricity. No need of fuel to operate.

## **Employment**

### **Rudra engineering, Rajkot**

Rudra engineering is our partnership firm. We have VMC-850 machine. In our firm, we are carried out job work related to automobile part, hardware components, machine components, etc.

- In job work, I have done modelling, programming, setting and operating of VMC machine.
- Prepared schedule of work.
- Providing CAD services on CAD software such as NX.

### **DesignTech systems Ltd. Rajkot (1.9 Yrs).**

DesignTech Systems is a leading Engineering Services including CAD / CAE provider from India. Based out of Pune, India. DesignTech specializes in providing mechanical engineering and product design analysis services including CAD and CAE Services to companies from cross vertical domains. It has alliance with Siemens.

- Providing CAD services on CAD software such as NX and Solid edge
- Organizing training for students and employs based on CAD, DM and PLM software.
- Preparing NX CAD courses such as Essentials for NX Designers, Sheet Metal Design, Intermediate NX Design and Assemblies, Synchronous Modeling and parametric Design, Large Assembly Management, Drafting Essentials and Routing Mechanical

### **Rajoo Engineers Ltd. Rajkot (2 Yrs).**

- Reverse engineering and development of WPC plant, profile plant, pipe plant.
- Preparing part modeling, Assembly and drafting, Bill of material and part list for the following systems of machine.
- To coordinate with purchase department for availability and feasibility of standard and bought-out components.
- Design to improve function, features, performs, and life, so as to increase the value of products.

### **Amrut Diploma Engineering College, Junagadh (1 Yr)**

- Recognizing, respecting & development the creative potential of each student; responding to the queries in a spontaneous manner as well as assessing students' work for capability enhancement.
- Conceptualizing & developing various initiatives while teaching various subjects; evaluating the effectiveness of the teaching schedules.
- Developing & organizing training procedure, manuals, guidelines and course materials such as hand-outs and visual materials.
- Encouraging students to express their doubts and advise them in line with course material & best practices.

**Industrial Training**  
**(B. Tech)**

**Larsen & Toubro Limited (L&T), Vadodara, Gujarat**

Have undergone Industrial Training at L&T's Ranoli fabrication shop for high pressure vessels, reactors, heat exchangers, etc. for Refinery, Petrochemical and Oil & Gas Industry. Has got a hands on experience to Forging, Welding, Non-destructive test and quality checks during the training. Closely worked with fabrication team at shop floor.

Reference: Shop In-Charge (Joint General Manager)-Ranoli Works.

**Personal Skills**

Language Proficiency  
IT platform  
CAD Platform

Gujarati, Hindi, English

**Html/Html5, Css/Css3, Javascript, Bootstrap, JQuery, React js**

NX 12.0- Modelling, Assembly, Detailing

RobCAD Basics

Process Designer Basic

Teamcenter- Using Teamcenter

Solid Edge ST9- Modelling, Assembly, Detailing

Auto CAD- 2D Drafting

**Extra curriculum**

- Awarded 2<sup>nd</sup> rank in Robotics competition held at A D Patel Institute of Technology, New Vallabh Vidhyanagar, Gujarat.
- Awarded 2<sup>nd</sup> rank in project competition held at S S College of Engineering, Udaipur, Rajasthan.
- Actively participation in expert talk on new product development strategies held at A D Patel Institute of Technology, New Vallabh Vidhyanagar, Gujarat.

**Personal information**

Date of Birth

30<sup>th</sup> May, 1991

Gender

Male

Marital Status

Married

Nationality

Indian

**Permanent Address**

J-14, Ambika park, Near Hanuman Madhi, Raiya Road, Rajkot, Gujarat-360007.

**References:**

1. Mr. Amit Shrimali  
Deputy General Manager – Business Development  
M/s. L&T Limited  
+91 9825266729  
[amit.shrimali1@larsentoubro.com](mailto:amit.shrimali1@larsentoubro.com)

2. Mr. Dipak Nakum  
Sr. Process Engineer  
M/s. Adnoc Refining, Abu Dhabi  
+971 566694572  
[dipakknakum@gmail.com](mailto:dipakknakum@gmail.com)
  3. Mr. Naveen Tomer  
Lead Design Engineer – Siemens Center of Excellence  
M/s. DesignTech sys Limited  
+91 9512186776  
[naveen.tomer@designtechsys.com](mailto:naveen.tomer@designtechsys.com)
- 

#### **DECLARATION**

I hereby declare that the information provided by me is true, complete and correct to the best of my knowledge.



**(Dhaval Kanjariya)**