

# HITESH SUKHPAL

**B.Tech.**

**Electrical Engineering**

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## CAREER OBJECTIVE

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning.

## ACADEMIC CREDENTIALS

Degree/Class	Name of the Institute	University/Board	Percentage	Year
(B.Tech)	Jodhpur Institute of Engineering & Technology, Jodhpur	Rajasthan Technical University	68.92%	2014-2018
Senior Secondary	Tiny Tots, Sr. Sec. School, Barmer	Rajasthan Board of Secondary Education	75.60%	2014
Secondary	Tiny Tots, Sr. Sec. School, Barmer	Rajasthan Board of Secondary Education	69.5%	2012

## INDUSTRIAL TRAINING

**Organization:** RAJWEST POWER LTD. BARMER

**Duration:** 60 days - (19-05-17 to 19-07-17)

**Description:** Undergone summer training in steam power plant which contains 8 units of power production & each unit produce 135 MW.

In the training sessions I learnt how to control the power flow according to the demand & dealing with the faults.

## PROJECT

**Objective:** Making of Solar Hybrid Inverter.

**Details:** Made a solar and a supply mains based inverter having both supply from solar panel as well as household main supply and one of it at a time.

The inverter contains Arduino for programming of alternate triggering with frequency of 50 Hz and then an astable multivibrator. The Inverter was range of 100 watt, and contains 5 ampere relay for switching of Mains supply and solar power supply.

**Function:** Primary aim of this project was to ensure continues supply of solar power & its maximum usage to increase efficiency. Alternatively if solar power was not there then mains would be ON.

## KEY COMPETENCIES

### Technical Skills:

- **Programming Language:** S.Q.L.
- **Software:** MATLAB, Microsoft Office.

### Soft Skills:

- Adaptability.
- Good listener.
- Punctuality.

## WORKSHOP

- Participated in two-day workshop based on "Home automation " using embedded system i.e. "Arduino" organized by Armon tech.

## EXTRA-CURRICULAR ACTIVITIES

- Prepared a working model on Electrical lift in “Open House-2014” at JIET Jodhpur.
- Prepared a chart on world with solar energy in “Open House-2015” at JIET Jodhpur.

## ACHIEVEMENTS

Won III prize in non-working model based on solar impulse in “Open House-2016” at JIET Jodhpur.

## PERSONAL DETAILS

Date of Birth : October 6, 1997  
Permanent Address : Rai Colony Barmer, Rajasthan (344001).  
Interest : Watching movies, surfing stuff on the net about new trends in technology, playing online games like clash of clan.

**Date:**

**Place:**

**(HITESH SUKHPAL)**