

Hardik R Panchal



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OBJECTIVE

Looking for an entry to work as an engineer in a company, bringing proven ability to comfortably create and work towards a plan for the purpose of achieving the company's objectives.

ACADEMIC DETAILS

VishwaKarma Government Engineering College

Institution : Gujarat Technological university
Year of Passing : 2019
Mark : 7.22

V.P.M.P. Polytechnic

Institution : Gujarat Technological University
Year of Passing : 2016
Mark : 9.06

Secondary School Certificate

Institution : Bhagwati Vidhyalaya
Year of Passing : 2013
Mark : 58.39

PROJECT DETAILS

PROJECT : 1

Title : Solar Piezo Hybrid Power Charging System
Description : This project implements an efficient way to power generation system, using solar power. Solar energy system is used to collect maximum power from sun. this proposal is to use the solar panels implemented in this project more efficiently and to carry out a realistic experimental approach to enhance the solar output power to a significant level and piezoelectric circuit
Duration : 1 Year
Team Size : 5

PROJECT : 2

Title : Foot Step Power Generation
Description : This project consists the ability to produce electric power from mechanical reaction (force) and then it changes to electric charges. When a person is walking, the energy will be reduced due to the weight transfer to the surface of the foot during walking. Therefore, the energy of the person from the footstep can be converted to the electricity energy. This device can be places where there is continuous human traffic such as in city mall, railway station platforms, city footpaths and other places, the electricity generated from these devices can be used for lighting
Duration : 1 Year
Team Size : 5

PROJECT : 3

Title : Lighting Design in DIALux Software Replacing Conventional Light with LED Lights for institution
Description : In our study we have chosen VPMP campus in which we replaced the conventional lights with LED lights which are more efficient and energy saving solution available in market. We designed the whole system in German based software called DIALux. Apart from this we also carry LUX assessment and other measuring procedures of the present system then after we designed the whole system with the help of DIALux software replacing conventional lights with LED lights. Then we also find out the payback period for the replacement.
Duration : 1 Year
Team Size : 5

FIELD OF INTEREST

- Production Engineer
- Service Engineer

SKILLS

- Basic Computer knowledge

INDUSTRIAL EXPOSURE

Industrial Visit at:

- Thermal power station, Gandhinagar :- In this visit , I learned how to work power plant in short , saw different equipments.

STRENGTH

- I Can handle any kind of situations
- Good presentation skill and strong in client communication
- Great attitude towards work
- Electrical engineering Design

HOBBIES

- Listening Music
- Cricket

(Hardik R Panchal)