**AVNISH**

Avnishchauhan14101996@gmail.com

9560015280

CAREER OBJECTIVE

Seeking an opportunity to work for an organization to have a platform to learn and explore new technologies and to improve my skills.

# EDUCATION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Institution** | **Board/University** | **Year of**  **Completion** | **Percentage** |
| B.TECH. | HMRITM  (Electrical & Electronics) | GGSIPU | 2019 | **80.1** |
| Intermediate (**12th**) | Govt. Co-ed Senior Secondary School | CBSE | 2014 | **71.6** |
|  |  |  |  |  |
| Matriculation (**10th**) | Govt. Boys Senior Secondary School | CBSE | 2012 | **93.1** |

# TECHNICAL STRENGTHS

|  |  |
| --- | --- |
| **Computer Languages** | **C basics** |
| **Software & Tools**  **TRANINGS** | MS Office |

**ADIFCO TECH PRIVATE LIMITED** Aug 19, 2016 - Aug 28, 2016

· Value Addition Programme on MATLAB from AFG

# CETPA INFOTECH PRIVATE LIMITED June 19, 2017 - July 16, 2017

· 40 hours training on” Home Automation(AVR), CETPA

# PROJECT

# PARABOLIC TROGH BASED ELECTRICITY GENERATING SYSTEM (MINOR/MAZOR PROJECT) Mar 6, 2018 -April 2019 (DUAL AXIS TRACKING OF SUN)

· Mentor Prof. Sunny Saini, HMRITM

· Parabolic trough concept of focusing all on over single line plane is used to increase solar heat captioning of system. Solar tracking installed using embedded system ATMEGA board. Acrylic sheet has used as a collecting surface,

· Cost effective process and having less per KW generation as compared with PV sheets but continuous and steady generation. The use of solar collectors reduces energy costs over time as they do not use fossil fuels or electricity like that as in traditional water heating.

# DESIGN AND IMPLEMENTATION OF SOLAR POWER PLANT WITH PARTIAL SHADING TECHNIQUES AND INTERCONNECTION WITH GRID Aug 19, 2016 - Nov 10, 2016

· MATLAB simulation is used to implement solar design and interconnection with grid.

· Partial shading loss is reduced using several established techniques of bypass diodes and reconfiguration.

· A continuous and stable power supply system introduced with high efficiency and easy control.

# AUTOMATIC IRRIGATION TECHNIQUE Aug 16, 2017 - Oct 24, 2017

· ATMEGA 16 board is used in designing AVR Atmega controller for pump operation.

· Soil moisture sensor’s” HYGROMETER SENSOR” interfacing is performed with LCD option to mentor the whole irrigation automation from shelter.

# PERSONAL SKILLS

Quick learner

Multitasking and creative

Punctual & Down to earth

Positive attitude

# EXTRA CURRICULAR ACTIVITIES

Represented college in university project exhibition

Represented my school in several science quizzes from province level to interstate level.

Involved in Event Management and project exhibition at school.

# ACADEMIC ACHIEVEMENTS

Won Ist prize in project exhibition competition 2017,2018

Won Ist prize in Robo Soccer competition 2018.

# RELEVANT COURSES

* Communication Skills
* Management Concepts

# AREA OF INTEREST

* Teaching
* English literature

# HOBBIES AND INTERESTS

* Travelling
* To Play Cricket , Reading books

# PERSONAL PROFILE

|  |  |
| --- | --- |
| **Date of Birth**: | 14/10/1996 |
| **Fathers Name**: | Mr. Narender Singh |
| **Mothers Name**: | Mrs. Neelam |
| **Language known** | Hindi & English |
| **Nationality**:  **DECLARATION** | Indian |

I hereby declare that the above written particulars are true to my knowledge and belief.

**Place:** Delhi Avnish

Date: 23/01/2021