



## Hoque Shehenaz Shamim

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📍 Flat no.-304,KNG tower -2,Jaypee wishtown,sector-134,Pin-201304,Noida

### ⚙ Skills

Embedded C ( Embedded platform-AVR microcontroller)

1.Controller module:ATmega 16/32

2.Communication protocol:GPIO,UART,I2C,SPI

3Simulation Environment-Atmel Studio 6 (Microchip) & Proteus 7 professional

VHDL,Xilinx,Networking ,Microsoft office ,excel,power point

### 👍 Field of Interest

Semiconductors

Hardware and software Design

Embedded system

Telecommunication



### Objective

To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.



### Academic Details

#### Gauhati University,Assam

MTech(Signal Processing and VLSI)from Electronics and Communication Engineering , 8.57, 2019

#### GIMT,Guwahati,Assam

BE(Electronics &Telecommunication Engineering), 78.72%, 2016

#### BN College,Dhubri,Assam

HS, 68.8%, 2010

#### Bidyapata boys' HS School

HSLC, 85.68%, 2008



### Work Experience

#### Applied Solar Technologies India Pvt.ltd

NOC Engineer , Aug 2019 - Dec 2022

Role : Technical support to field team,diagnosed and resolved critical technical problems.Find out root cause analysis of frequently failure sites with manufacturer teams.Making energy report and data error and non comm sites report by using AST tool with proper data analysis. Planning of sites and generating field works for field engineers.Take ownership of level appropriate customer(ISOFT &CBSL)issues and engineer escalation seeing them through to resolution.



### Project Details

#### MTech Projects on "Development of Electrodes for energy harvesting from Nanogenerators".

Piezoelectric energy harvesting is a mechanism for capturing ambient mechanical energy and converting into electric power

Period : 1 year Team Size: 4

Role : Intern

## **BE major projects on" Controlling and Monitoring of Devices using IoT concept"**

IoT describes the network of physical objects that are embedded with sensors ,software and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet

Period : 1 year      Team Size: 4

Role : Trainee



### **Industrial Exposure**

#### **Industrial Visit at:**

SunGharner Energies Ltd.(Greater Noida)

#### **Implant Training at:**

Underwent EETP training program(Broadband and Optical Fibre)by AICTE at BSNL ,Guwahati ,Assam (Aug 2014 to Aug 2015)



### **Achievements**

H.S.shamim,T.Das,S.Baruah,K.K.Sarma,"ZnO/ZnS core/shell Nanostructures on biologically inspired gold wires for Uric acid sensing", Manuscript published in IEEE sensors Journal,2019

T.Das,H.S,shamim,S.Baruah,"Growth of microwires through self organization of Au nanoparticles on Aspergillus niger ".Presented a poster in National conference on Recent Advances in Applied Sciences(RAAS),May 2019



### **Strength**

Dedicated towards goal

Capacity to stay optimistic and positive

Enthusiasm

Disciplined and good etiquette



### **Hobbies**

Travelling

One to involve your minset

Cooking



### **Declaration**

I hereby declare that the above furnished information is authentic to the best of my knowledge.

Date : 01/04/2023

Place : Noida

(Hoque Shehenaz Shamim)