Amarjeet Saini

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Examination	Board /University	Institute	Year	CPI
Graduation / BE ETC	Pune University	Army Institute of Technology	2020	8.8/10
Intermediate / +2	CBSE	K.V Minambakkam, Chennai	2016	92/100
Matriculation	CBSE	K.V Minambakkam, Chennai	2014	9.6/10

Internship

- **Summer Research Intern , IIT Guwahati**   **[May '19 - Jul '19]**
  - **Design of hybrid power renewable energy sources based microgrid**.
    Guide : Dr Gaurav Trivedi,Associate Professor,IIT Guwahati
    Team Member : Tana Sera, NERIST, Nirjuli
    Abstract: This project implemented the use of renewable energy sources such as Solar PV arrays, and BSS to supply power to the load when required; its dynamic behavior was analyzed by performing fault analysis.
    Software : PSCAD

Academic Projects

- **Project 1 + Link**
  Abstract Tools

- **Project 2 + Link**
  Abstract Tools

- **RFID based Inventory Tracking System for Labs**
  - **Abstract** RFID tags were placed on every product (i.e CPU, monitor, etc). Also, Fixed RFID readers were placed on the door of the labs. When a valid object passed through the doorway count was updated to Google Firebase if it was an invalid object alarm was raised.

Achievements

- **GATE CSE 2021** AIR 13862 out of 1,50,000

- **National Level Creative Aptitude Test (NCAT) - 2019** scored 95.9 percentile .

- **AGIF Scholarship -** 2016, 2017

- **Autocad Winner** at College Fest (2017)

Relevant Courses

- Nand2Tetris (Coursera)

- Data Structures (Coursera)

Technical Proficiency

Programming Languages	:	C,C++
Library	:	OpenCV,
Softwares/Tools	:	PSCAD, Multisim,MATLAB
Hardware Platforms	:	8051, PIC16Fxx, LPC2148,Raberry Pi