

# AKSHATA

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## Education

COURSE	STREAM	YEAR OF STUDY	UNIVERSITY	PERCENTAGE
Bachelor of Engineering	Electrical and Electronics Engineering	2018 - present	The oxford college of engineering	75.57%
2nd puc	Science	2017-2018	SMJ PU Science college	70.73%
SSLC	-----	2015 - 2016	RGM English Medium High School	85.60%

## EXPERIENCE

### INTERNSHIP

KPTCL, BANGALORE – “MAINTENANCE OF SUBSTATION.”

I was an electrical intern at KPTCL for a duration of 1 month where i practically learnt about the electrical components and its working which helped me gain practical knowledge about how the power station transmits power from main stations to the sub-stations and also about the distribution of power to the consumers.

### MINI-PROJECT

#### PROTECTION OF LOAD AND CHARGE USING SOLAR POWER MANAGEMENT

The mini project was about solar battery charger based on the microcontroller which first detects the voltage on the solar panel. If the load voltage exceeds 125 volts LED will be ON, battery need not to be changed, if the load voltage is less than 123 volts will be OFF. Battery need to be charged. The total system is automated, intelligent and controlled to its operation. The proposed charge controller prevents overcharging and excess discharge of the batteries and also controls the current in effective way which



make use of full capacity of the battery and prolong its lifetime. Microcontroller system improves the reliability and decreases the designed system.

## TECHNICAL SKILLS

- Fundamental concept and techniques used in digital analog electronics.
- Machine designs.
- Programming Language: Basic of C and Microcontroller.

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## ACHIEVEMENTS

- I have taken part in many inter college technical quiz program and also participated in webinars.

## HOBBIES

Reading books, Singing.

## LANGUAGES KNOWN

English, Kannada and Telugu.

