

# SIRIKONDA NIKITHA

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## CAREER OBJECTIVE:

To be part of a team that provides me with an opportunity to enhance my knowledge and skills and to work towards the betterment of the organization with sheer determination and hard work.

## EDUCATION:

| Course/Board                  | School/College                            | Year | Aggregate (%) |
|-------------------------------|---|------|---------------|
| B. Tech<br>(ECE)              | MLR Institute of Technology<br>(Dundigal) | 2021 | 7.55(CGPA)    |
| Intermediate<br>(TS. B. I. E) | Narayana Junior College<br>(Chandanagar)  | 2017 | 94.5%         |
| Tenth<br>(S. S. C)            | St. Joseph's High School<br>(Patancheru)  | 2015 | 8.8(CGPA)     |

## TECHNICAL SKILLS:

- **Programming Languages** : Basics of C  
: JAVA (J2SE)  
: Basics of Python
- **Other skills** : Basics of MATLAB

## PROJECTS:

- **Micro Project 1:**  
**Title** : Line Following Medic Arm  
**Role** : Group Member  
**Technology** : Electronics  
**Duration** : 65 days  
**Description** : Line following Medic arm is a device which works based on IR sensors and BO motors. The robot follows a predefined path, which is detected by using IR sensors and moves with the help of BO motors and the robotic arm picks up the objects and drops at the destination as per the remote controlled commands.
- **Micro Project 2:**  
**Title** : Speed Detector For Highways  
**Role** : Team leader  
**Technology** : Internet Of Things  
**Duration** : 65days  
**Description** : The aim of this project is to develop an effective device to detect rash driving on highways and to alert the traffic authorities in case of any speed violation. The speed limit is set by the police who use the system depending upon the traffic at a specific location. If the vehicle crosses the speed limit, a buzzer sounds, alerting the police.

#### INTERNSHIPS:

- (29 June 2019 – 13 July 2019)  
Did some basic research study on testing of compressors and studied different departments of **Bharat Heavy Electricals Limited**.

#### CO-CURRICULAR ACTIVITIES:

- Participated in Robot Rover, Robot soccer and Robot war held at JNTUH.
- Participated in **e-Yantra**, an initiative by IIT-Bombay.

#### ACHIEVEMENTS:

- Runner-up for our project “**LINE FOLLOWING MEDIC ARM**” in my second year B.Tech
- Received certification of appreciation for participating in online quiz on “**Fundamentals Of Analog Electronics**” conducted by Kakatiya Institute Of Technology And Science, Warangal.
- Won third prize in **Essay writing** competition in MLRIT.
- I served as the **School Pupil Leader** in my 10th class.

#### EXTRA CURRICULAR ACTIVITIES:

- Participated in **3K run program** by MLRIT, a run for Clean India Fit India.
- Participated in drawing and group discussion competitions.

#### LANGUAGES KNOWN:

- English
- Hindi
- Telugu