

Neha Dafedar

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Objective

To perceive knowledge in the field of robotics and embedded systems. Seeking for an internship and job in the robotics and embedded field

Education

Degree	School/College	Passing year	Passing percetage
BE (ECE)	KLS Git Belagavi	2018-19	(current) cgpa 9.2
PUC 2	KLE's BK college Chikodi	2015	91.66%
SSLC	CTE society R D high school chikodi	2013	91.5%

Projects

1. **Collector Bot:**Collector robot for picking and dropping fresh fruits using atmega2560.V-rep software for simulation. Aruco markers for detecting aruco id and differentiating fresh and damaged fruit.Python programming for simulation and zigbee communication.
2. **Wheelchair:**It is a Arduino based prototype of wheelchair which can be easily controlled using positioning the finger in the appropriate slot containing Proximity sensors.It also stops immediately on the occurrence of obstacle.
3. **Hamming codes:**Implementing error detecting and correcting hamming codes using MATLAB.
4. **Complex Multiplier:**Implementing complex number multiplier using HDL.