

Raghavendra Baipadithaya

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Mechanical Engineering Graduate

Summary

A highly motivated recent graduate with strong work ethic and excellence in design and analytical thinking. I consider myself as a curious and enthusiastic engineer with exceptional time management and interpersonal skills. Looking for entry level positions in Mechanical Engineering.

Projects

Fuel Metering Device

2018 | *Bachelor of Mechanical*

Engineered a fuel metering and theft prevention device which prevents siphoning of fuel along with recording the amount of fuel added to the tank. The whole setup consists of Turbine flow sensor for recording total fuel flow using Meter, Arduino, Display Unit, Funnel and Tubing.

Design and Fabrication of Arecanut Collector

2017 | *Bachelor of Mechanical Engineering*

Built a tool for collecting dried arecanuts through sweeper brush. This sweeper brush is powered by a single cylinder, air-cooled engine with 109.19cc displacement. The sweeper then pushes the arecanuts to a bag with the help of Conveyer belt.

Design and Fabrication of Arecanut Tree Climber

2016 | *Bachelor of Mechanical Engineering*

Designed and developed hybrid tool which can climb the arecanut tree and spray pesticide using U-Frame, Rollers and Spring which simplifies the labor complexity along with time.

Automated Lawn Mover

2015 | *Diploma in Mechanical Engineering*

Built an automated grass cutting machine with inbuilt time setting to cover the required area of operation. The model consisted of Engine, Cutter tool and a Controlling unit which acts as a brain and feeds the cutter tool with information.

Achievements

Participated in TechVision Project Expo
Won 2015 Mangalore Mayer's Cricket Cup Championship
SPL Cricket League Runner Up (2017 & 2016)

Education

2015-2018 | Bachelor of Engineering

Visvesvaraya Technological University
Sahyadri Institute of Engineering and
Management, Mangalore
Mechanical Engineering | 70.58%

2012-2015 | Diploma Mechanical Engineering

Karnataka (Govt.) Polytechnic, Mangalore
Mechanical Engineering | 73.33%

2002-2012 | SSLC

Karnataka State Board
St. Joseph School, Sullia | 82.88%

Skills

- CATIA v5
- Solid Edge v20
- Nastran
- SeeNC Turn

Other Interests

Cricket
Movies
Bike Riding