



# Geo Cherian

Mechanical Engineer

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Kerala  
India

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## EDUCATION

### Senior Secondary Education

1996-2010

Central Board of Secondary Education

St.John The Baptist's CBSE School&Junior College,Kottayam,Kerala,India.

### Bachelor of Engineering in Mechanical Engineering

2010-2014

Anna University,Chennai

SCAD Engineering College,Tirunelveli,Tami Nadu,India

### Master Diploma In Product Design and Analysis

2014-2016

Cadd Centre,Kottayam

## INTERNSHIP

### Kerala Minerals and Metals LTD

2013

Intern

Implant Training in Titanium Dioxide Pigment Unit of Kerala Minerals and Metals Ltd.,  
Chavara, Kollam, India.

## CERTIFICATIONS

### BEC Vantage ESOL Examinations

2013

University of Cambridge

Council of Europe Level B1

## PROJECTS

### Remodel of Conventional Scooter Luggage Compartment

2016

- Using NX CAD 3D Modelling Software,redesigned Conventional Scooter for better space utilization.
- Universal Design
- The redesign increases secure luggage space by 40% to solve issue of carrying luggage and riding gear from theft.
- The design gives secured luggage space close to a hatchback car.

### Self Balancing Luggage Carrier using Accelerometer Sensor

2013

- Uses programmed Microcontroller to process and control Balance.
- Low interrupt Latency achieved using individual circuits for Roll,Pitch and Yaw.
- A Bi-directional proximity sensor unit integrated to avoid collision.

THESIS SUBMITTED

Reuse of Plastic Waste for Railway Sleeper

2014

- Uses plastic waste mix instead of currently used pure concrete for making sleeper.
- Treated plastic waste used with concrete gives valid test results.
- It reduces plastic waste build up and helps to reduce cost by reducing concrete.

SKILLS

Computer Skills

- AutoCad
- Primavera
- Siemens NX CAD
- Siemens NX CAM
- Siemens NX NASTRAN
- Creo
- Geometric Dimensioning and Tolerancing
- MS Office

Professional Skills

- Excellent English Communication
- Problem Solving
- Time Management

LANGUAGES

English (Full Professional Proficiency), Malayalam (Native), Hindi (Professional Working Proficiency), Tamil (Limited Working Proficiency)

PERSONAL DOSSIER

Date of Birth	:	22/01/1992
Blood Group	:	O+
Marital Status	:	Single
Passport Number & Validity	:	P6991557, 12/02/2027
Nationality	:	Indian