

KARTHIK GOPAL R

Edasserimeethel, Rammadathil(H)
(PO)Chevarambalam, Thodayad,
Calicut, Kerala-673017
+917902844260
karthikgopal1997@gmail.com

CONTRIBUTOR PROFILE

- Excellent team player and ability to take challenges.
- Good communication and coordination skills.
- Ability to take challenges and learn new skills with self-confidence.



AREA OF INTEREST

- Digital Electronics
- Analog Electronics



EDUCATION QUALIFICATION

2015-19

- B.Tech in Electrical and Electronics Engineering
- Amrita Vishwa Vidyapeetham, Amritapuri
- CGPA: 6.38

2014-15



- Higher Secondary.
- Rahmania HSS, Calicut
- Percentage:83%

2012-13

- High School
- Chinmaya Vidyalaya School, Calicut
- Percentage:96%



TECHNICAL SKILLS

- Good knowledge in Electronic Circuits.
- Simulation Softwares: MATLAB, Pspice, e-TAP
- Microsoft Office: Microsoft Word and Microsoft PowerPoint
- Proficient knowledge in Operational Amplifier Circuits.



INTERSHIPS

- 2017 December

Attended an internship at **TELK**, Angamaly Kerala for a duration of five days. This internship gave an complete overview of the designing of huge power transformer and also working of the company.



WORKSHOPS ATTENDED

- **2016 February**
Attended a two day workshop on Sixth Sense Robotics .
- **2017 April**
Attended a three day workshop on Bluetooth controlled Robotics .



PERSONAL DETAILS

- **D.O.B:** 21st August 1997
- **Other Interests:** Football, Bodybuilding
- **Languages**
 - English, Hindi, Malayalam (Read, Write, Speak & Understand)
 - Tamil (Understand and Speak)



ACADEMIC PROJECTS

- **2016 January- Self Regulated Traffic System**
Description-Created a model of automated traffic system. Presented at traffic expo conducted by Kollam city police.

Technology- IR sensor and Arduino board.
- **2017 October- Home Automation Using Arduino App**
Description-Controlled household devices using an application and Arduino board as Microcontroller

Technology- Transformer, Relay and Arduino.
- **2017 November- Tap Water Leakage Detection**
Description- Using Arduino board water leakage from tap is detected.
Technology- Arduino and Transistor.
- **2018 October- Developing an Energy Optimal Algorithm for Medicine Delivery Using UAV**
Description- This project mainly focuses on energy management of UAVs. In addition to energy management charging points were added in between delivery points
Technology- Quadcopter, Gyroscope, Accelerometer and Arduino Uno.



EXTRACURRICULAR ACTIVITIES

- 2017 Conducted a survey and organized a lecture on child abuse for school students and parents in Calicut.
- 2015-17 Participated in Social service during AmritaVarsham for two years.
- 2015-18 Part of a College Body building team.
- 2019 Volunteered South India Inter College Bodybuilding Championship during Vidyut 2020
- 2018 Participated in Formula Hybrid Competition held in Loudon, New Hampshire, United States.
- 2019 Co-authored a paper titled Energy Management of UAV .Which was presented at IJRTE conference