



## ARYA V A

### Email id

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### Present Address

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### Permanent Address

Vrindavanam, Madanthacodu,  
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### Personal Details

Date of Birth : 30/04/1993

Age : 26 years

Father's name : S. Vijayakumaran  
Nair.

Languages : English, Hindi &  
Malayalam.

## Career Objective

To work in a strong, forward thinking organization where I can apply my skills, thereby utilizing the maximum of my knowledge and experience to deliver beyond expectations.

## Work Experience

Name of Organisation	Period	Position	Job location
<b>Energy Management Centre</b> Under Govt. of Kerala, Designated agency of Bureau of Energy Efficiency (BEE).	<b>17/06/2019</b> To <b>28/12/2020</b>	<b>Project Engineer</b>	<b>Trivandrum, Kerala</b>

## Job Responsibilities

Assist various energy efficiency related activities conducted by EMC

- Identifying and implementing cost effective energy efficient programs and projects in commercial and industrial sector.
- Enhanced penetration of energy efficient appliances in domestic and commercial sector.
- Analysis of Mandatory energy audit performance of HT & EHT consumers and evaluation of energy conservation activities implemented in these facilities and preparation of executive summary based on the evaluated report.
- Conducting Energy efficiency studies on 15 distribution transformers of KSEBL and preparation of implementable DPRS.
- Coordination of various BEE (Bureau of Energy Efficiency) Schemes like SLNP (Street Lighting National Programme) and AgDSM (Agricultural Demand Side Management).
- Assisted in organising the annual meet for the Designated Consumers under PAT (Perform Achieve & Trade) scheme.

## Academic Qualification

Name of the Exam	Board / University and Year	Percentage of Marks/Grade Point Average (GPA)
<b>M.TECH</b> Control Systems <b>Mar Baselios College of Engineering and Technology, Trivandrum.</b>	<b>Dr. APJ Abdul Kalam Technical University</b>  <b>2016 - 18</b>	<b>CGPA : 9.31</b>

<b>B.TECH ,</b> Electrical and Electronics engineering <b>Mar Baselios College of Engineering and Technology, Trivandrum.</b>	<b>University of Kerala</b> <b>2012 - 16</b>	<b>CGPA: 7.72</b>
<b>12<sup>th</sup></b> <b>Arya central School</b>	CBSE <b>2011</b>	<b>78.0 %</b>
<b>10<sup>th</sup></b> <b>Arya central School</b>	CBSE <b>2009</b>	<b>91.0%</b>

### Projects / Seminars

- Continuous Surveillance System for Perimeter Breach Detection and Elimination of the evaluated threat (B-Tech).
- Design and implementation of Modified Model Reference Adaptive Control for the stabilization of Cart Inverted Pendulum (M-Tech).
- **Seminars -** Microbial Fuel Cell (B-Tech).  
Stabilization of Cart Inverted Pendulum using Fuzzy Logic Control (M- Tech).

### Publications

- **Arya V. A., Aswin R. B., Ashni Elisa George,** (2018), “Modified Model Reference Adaptive Control for the Stabilization of Cart Inverted Pendulum System”, *International Research Journal of Engineering and Technology*, vol. 5, Issue. 4, pp. 4592-4596.
- **Arya V. A., Ashni Elisa George,** (2018), “Stabilization of Cart Inverted Pendulum using the Combination of PD and PID Control”, *International Journal of Innovative Research in Science, Engineering and Technology*, vol. 7, Issue. 4, pp. 3559-3565.
- **Arya V. A., Aswin R. B.,** (2018), “Stabilization of Cart Inverted pendulum System using Model Reference Adaptive Control”, *International Journal of Image Processing & Networking Techniques*, vol. 1, no. 1, pp. 7-11.

### Technical Skills

- Trainings attended : PLC basics, Campus Connect Business English program by Infosys,  
IET conducted Remote Controlled Aircraft workshop with Aerotrix- Skyfi Lab.
- Software Skills : Multilingual Office Automation, AutoCAD, Matlab, MS office.
- Operating Systems : Windows, Linux
- Programming Languages : C, C++, 8085 & 8086 assembly languages.

### **Extracurricular Activities & Achievements**

- Eco-Club pre-fect in Class 10 and 12
- Part of Blood donor's club and National Service Scheme.
- Part of college fest 'crossroads 2015' organized in MBCET.

### **Strengths**

- Hard Working and Dedicated.
- Adaptability.
- Quick learner and good teacher.

### **Declaration**

I, **ARYA V A**, declare that the information furnished above is true to the best of my knowledge and belief.

**Navi Mumbai,**  
**29/12/2020**

**ARYA V A**