**CURRICULUM VITAE**



VINNY

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Contact No**:** C/o 971501685421

**CAREER OBJECTIVE:**

To be a part of an esteemed organization and build a career where i can update and strengthen my knowledge and skills so as to contribute for the development of that organization and society.

**ACADEMIC QUALIFICATIONS:**

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|  | **DEGREE** | **YEAR** | **INSTITUTION** |  |
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|  | M.Tech | 2017 | Mar Athanasius College of |  |
|  | Engineering, Kothamangalam |  |
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|  | B.Tech | 2013 | Govt. Model Engineering |  |
|  | College, Cochin |  |
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| **IT / TECHNICAL SKILLS:** |  |  |
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Programming Skill: Basics of C

Application Software: Auto CAD, Revit, LUX, RELUX, MATLAB, LATEX

Software packages: MS Office

**WORK EXPERIENCE:**

1. Kerala State Electricity Board(KSEB)-110kV Substation, Pudukad, Kerala, India Designation: Substation Operator (Electrical Engineer)

Duration: September 2013 to July 2015

* + Operation and Maintenance of power transformers, Circuit breakers (SF6, Vacuum), CTs, PTs, Battery, Battery Chargers etc.
	+ Operation and maintenance of Control Panels, LAs, Isolators, and Relay Protection scheme.
	+ Maintaining various records such as monthly operating reviews, daily log sheets, different registers etc.
	+ Issuing permit work on Power Transformers and EHT feeders to concerned authorities.
	+ Supervising all ongoing works at yard and line.
1. Taiba Engineering Consultants, Palarivattam, Kochi, Kerala, India Department: Electrical MEP

Designation: Junior Electrical Engineer

Duration: May 2016 to October 2017

* Designing and drafting of light and power circuits. Load calculation based on the circuits followed by load scheduling and phase distribution.
* Selection of transformers, generator, inverter, bus bar, circuit breaker according to standards and requirements. CCTV and communication system inclusion as per requirement.
* Carried out cable and conduit sizing, solar panel design, open and common area calculations, fault level calculation and earthing design calculation.
* Preparation of SLD for electrical system based on the design followed by BOQ preparation. Carried out electrical designing for the below mentioned projects:-
* Ayurvedic Hospital

Client: Dr. Vipinchandran Nair, Changethu Ayurveda Hospital,Pandalam

Architect: Leena D Mohan, Palarivattam, Kochi

* Multi Cuisine Restaurant with party area Client: Mr. B Balagopal, Kochi

Architect: Elias Architecture Studio, Palarivattam, Kochi

* G+3 storeyed Apartment

Client: Mr. B Balagopal, Kochi

Architect: Elias Architecture Studio, Palarivattam, Kochi

**PROJECTS:**

BOOST CONVERTER WITH IMPROVED VOLTAGE CONVERSION RATIO USING BOOTSTRAP CAPACITORS AND BOOST INDUCTORS

* Designed for improving voltage conversion ratio
* Converter Controlled by PID controller

INTERLEAVED BUCK CONVERTER WITH SYNCHRONOUS RECTIFICATION

* Designed for improving voltage conversion ratio
* Main aim to reduce power loss

**INDUSTRIAL TRAINING:**

Kerala State Electronics Development Corporation LTD. (KELTRON), Kerala Kerala State Electricity Board (KSEB), Kerala

**CERTIFICATIONS AND ACHIEVEMENTS:**

* Published paper on “Boost Converter with Improved Voltage Conversion Ratio Using Bootstrap Capacitors and Boost Inductors”, IJES, Volume 5, Issue 8, PP 37-47, 2016.
* Published paper on “Comparative Study of Interleaved Buck Converters”, IJRREEE, Vol. 4, Issue

2, pp: (61-68), Month: April - June 2017.

* Published paper on “Interleaved Buck Converter with Synchronous Rectification”, IJEAST, Vol.

2, ISSN No. 2455-2143, Pages 160-166, March - April 2017.

* Attended Lego Ingenium 2011, the energy conservation based event organized by EMF in association with KSEBEA (Kerala State Electricity Board Engineer’s Association).
* Attend Technopreneur 2012, National Level Socio-Managerial Symposium of Govt. Model Engineering College, Cochin.

**PERSONAL INFORMATION:**

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| Date of birth | : 15/04/1992 |
| Gender | : Female |
| Marital status | : Married |
| Nationality | : Indian |
| Languages known | : Malayalam, English, Tamil |
| **PASSPORT DETAILS:** |  |
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| Date of expiry | : 11/09/2027 |
| Place of issue | : Cochin |
| Visa status | : Residence Visa till 13/01/2020 |

I, **Vinny**, hereby declare that all details furnished above are satisfactorily true to the best of my knowledge.

VINNY