**ROHITH KRISHNAN NK**

B.E ELECTRCAL AND ELECTRONICS

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Ph: +91-9895255655

**Career Objective**

Seeking a position to utilize my skills and abilities that offer professional growth while being resourceful, innovative and flexible and to work in a challenging environment, also add to my knowledge skills, while contributing to the organizational growth and well-being and development of the society.

**Academic Profile**

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| --- | --- | --- | --- | --- |
| **Year** | **Course** | **University** | **Institution** | **Score** |
| 2010-2014 | B.E Electrical and Electronics | Anna University | Hindusthan College of Engineering and Technology | 66% |
| 2010 | HSE (Class XII) | State Board | Govt. Rajah’s Higher Sec. School | 77% |
| 2008 | HS (Class X) | State Board | N.S.S.Karayogam Higher Sec. School | 90% |

**Project**

**Soft-Switching Boost Converter for PV System**

This project presented a soft-switching boost converter using a simple auxiliary resonant circuit (SARC) which is composed of an auxiliary switch, a diode, resonant inductor and a resonant capacitor. It has better efficiency than conventional boost converter. All switched in the adopted circuit perform zero-current switching by the resonant inductor at turn on and zero-voltage switching by resonant capacitor at turn-off. This switching pattern can reduce the switching losses, voltage and current stress of the switching device. It not only boosts the Photo Voltaic(PV) array voltage, but also convert the solar dc power into high quality ac power while tracking the maximum power from the PV array.

**Languages**

English, Hindi, Malayalam, Tamil

**PERSONAL DETAILS**

Name: ROHITH KRISHNAN NK

Date of Birth/Age: 21st July 1991 / 23 Years

Father’s Name: Unnikrishnan NK

Mother’s Name: Karthiayani A

Driving Licenses: Indian Driver’s License

Passport Details: Indian Passport Holder

Passport Number: L4222657

Place of issue: Malappuram

Date of Issue: 24/10/2013

Date of Expiry: 23/10/2023

Present Address: Dwaraka,

Pandamangalam, Kottakkal,

Malappuram (District),

Kerala (State),

India-676503

Contact Details: Landline:-+914832748534

Mobile: +91-9895255655

Email: [rohithkrishnan007@gmail.com](mailto:rohithkrishnan007@gmail.com)

Availability: Immediate

I, **Rohith Krishnan**, declare that the information furnished above is true to the best of my knowledge and belief.

Kottakkal ROHITH KRISHNAN NK