

Raghavendra Nayak

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Career Objective:

To work in a company with great passion for engineering which enhances my knowledge, potential and excel in innovative project design and developments.

Educational Qualification:

Degree	Name of institution	Board/University	Year of passing	Percentage/CGPA
B.E	KLE Technological University, Hubballi	KLE Technological University, Hubballi	2021	9.63
P.U.C	Himalaya Pre University College, Ankola	Department of Pre-University Education, Govt of Karnataka	2017	96.5%
S.S.L.C	P.M. Kannada Medium High School, Ankola	Karnataka Secondary Education Examination Board	2015	94.4%

Projects:

1. Project title: Pick and Place Robot.

- **Team size:** 5.
- A lead though programming based Cartesian 3D pick and place robot that can carry a object up to 500gms in a range 1600cm².
- **Role:** Designing the mechanical arms for Cartesian bot to have desired (6) degrees of freedom and also programming the controller to record the training and ensuring it to follow the activity.

2. Project title: Smart Energy Station for Electric Vehicles.

- **Team size:** 4.
- A Cloud based Pre-paid energy station mainly for electric vehicle (also supports other electronic gadgets) with user database.
- **Role:** Designing a GUI for user entry using python and algorithms for money identification and power system for controlled power output.

3. Project title: Design a DC-DC step down(Buck) Converter.

- Designing an ultra-low power DC to DC step down converter.
- **Role:** Designed a PFM controller for ultra-low power buck converter with high efficiency(>90%).

Technical skills:

- **Technical software:** Matlab, Arduino, Proteus, Keil, Cadence Virtuoso Schematic and Layout Editor, LTspice.
- **Devices operated:** Raspberry Pi, ATmega328p, LPC2148 and 8051 development boards.

Co-curricular Activities:

- Participated in IEEE's annual events.
- Participated in state level quiz competitions.
- Attended International Conferences like VLSID, VDAT, IESA etc.

Extra-curricular Activities:

- Part of department cricket and Table tennis teams

Interests and Hobbies:

Cricket, Table-tennis, planting trees.

Personal Details:

- **Date of birth:** June 19, 1999
- **Father's Name:** Vishwanath Nayak
- **Mother's Name:** Kamala Nayak
- **Nationality:** Indian
- **Languages known:** English, Kannada.
- **Address:** #27, Laxminarayanawada, Aversa, Ankola (U.K), Karnataka 581316.

I hereby declare that the information furnished above is true to the best of my knowledge.

Raghavendra Nayak

