

EDUCATION

Indian Institute of Technology Mandi **Himachal Pradesh, India** **Aug 2014 - Jun 2018**

- B.Tech in Electrical Engineering **CGPA: 6.30**
- **Relevant Coursework:** Basic Electrical and Electronics, Network theory, Signal and System, Control System, Electric Machine and Drive, Power System, Power Electronics, Linear Algebra, Probability.

Jawahar Navodaya Vidyalaya Kota **Rajasthan, India** **July 2007 - Mar 2014**

- Senior Secondary School, CBSE All India Class XII **Percentage: 93.40**
- Senior Secondary School, CBSE All India Class X **CGPA: 10**

WORK EXPERIENCE

: Executive and Content Developer, Project JNV, an Education Initiative **April 2017 - Dec 2018**

- Project JNV is an idea to help and best support the students of JNVs in matters of academics and counselling.
- Team of 6 members implementing the idea and ensuring the vision to transform the ways students learn and grow at JNVs with providing a Mentorship for Competitive exam to Life challenges.

: Battery Engineering Training, Intern RITCOE, IIT-Madras, Chennai, India **Dec 2016 - Jan 2017**

- Worked with team to implement Battery-Management System for Electric vehicle.
- Learn about battery cell balancing, testing and safety measure.
- Highly efficient Electric Vehicle Charging System.

LANGUAGES AND TECHNOLOGIES

- **Programming Languages:** [C, VHDL, Assembly language].
- **Tools / Software:** [LTspice, Xilinx-ISE, MATLAB, Microsoft office].

PROJECTS

Wireless Power Transfer in E-Vehicle **Major Technical Project** **Aug 2017 - May 2018**

- The initial objective is replacing conductive charging method by the novel WPT technology, while maintaining a comparable power level and efficiency. The long-term goal is to dynamically power the moving vehicles on road. This will lead to a much reduced battery pack but extended driving range.

Developing a Landrace Seed Bank **Socio-Technical Project** **Mar 2017 - May 2017**

- The goal of our project was to assess agriculture in the Mandi district and develop a proposal for a landrace seed bank. These landrace varieties are specially adapted to the region, and could be used to grow crops resistant to the many challenges of climate change such as heat and drought.

AASRA : Smart Wheel Chair **Academic Project** **Mar 2016 - May 2016**

- The Main aim of this project which would have a sort of intelligence and hence helps the user on his /her movement. Its make an independent to physical Handicapped people for their activities.

AWARDS

- **Outstanding Academic Performance 2014:** Won 1st prize for the Class topper in Class 12th.
- **NSTSE, Unified Council 2012:** Won Gold Medal for the School topper in Class 10th.

POSITIONS OF RESPONSIBILITY

- **Senior Vounteer, Spark IIT Mandi, 2015-Present:** Team of around 50 members implementing the idea of connecting different government schools with IIT. Students have started to take keen in using school library at present.
- **Coordinator, Alumni-Meet JNV Kota, Dec 2015:** lead the team of around 20 members to organize 1st Alumni meet for around 200 School-Alumni.
- **School Captain, JNV Kota, 2012-13:** Coordinated the Academic and Co-curricular Activities at School and Represent the School at "Regional Science Congress",JNV Kajra, NVS Jaipur.