

PRASANG MANI MANAV

(+91)-7839664273 ◇ moneymanav9211@gmail.com

EDUCATION

B.Tech in Electrical Engineering MNNIT Allahabad, Allahabad CGPA : 7.56	Jul. 2017 - Present
Senior Secondary Examination-Class XII B. J. D. Inter college Pakrital Mau, UP Board, GPA : 84.2	Jul. 2014 - May. 2016
Higher Secondary Examination-Class X B. B. S. S. S. Gopalpur Mau, UP Board, GPA: 85.67	Jul. 2012 - May. 2014

TECHNICAL SKILLS

- C, C++ (STL), Java (Core)
- HTML, CSS, Javascript
- Data Structure, Machine Learning

PROJECTS

Image Compression using KMeans Clustering Self Project	Apr. 2020 - May. 2020 <i>Coursera</i>
<ul style="list-style-type: none">• Used KMeans Clustering algorithm to reduce the size of an Image by reducing the number of possible color combinations• Used scikit-learn, scikit-image and python to implement the code for kmeans clustering algorithm• Used jupyter widgets library to build interactive GUI components to select images from a drop-down list and pick values of reduced number of possible color combinations using a slider	
Home Automation Avishkar	Mar. 2019 <i>MNNIT Allahabad</i>
<ul style="list-style-type: none">• Used light dependent resistors(ldr) and optocoupler to make smart led string which changes its brightness according to intensity of light in surrounding• Controlled the speed of the fan by using relay DIAC and TRIAC• Used arduino uno to control the controllers in this project	

COURSES

- Computer Programming — Data Structure and operating Systems — Machine Learning with Python* — Programming foundations with Javascript, HTML and CSS* — JAVA Programming: Solving Problem with Software*
- Mathematics-I — Mathematics-II — Numerical Methods and Statistical Technique — Principle of Management
- Principle of Electronics — Basic Electrical Engineering — Signal and System — Microprocessor and Computer Organization — Communication System and Networking — Network and System — Digital Electronics — Electromagnetic Theory — Electrical Engineering Materials and Devices
- Electrical Machine-I — Electrical Machine-II — Power System-I — Power System-II — Power Electronics — Power Plant Engineering — Control System-I — Control System-II

Note: * marked courses are online audited courses at coursera