



Madhav Wagh

Career Objective

To serve the Nation, in a dynamic and professional environment that will allow my enthusiasm, self-motivation & sense of dedication to get explored & utilized towards the development of Technology .

To have Clarity in Mind, Purity in Heart, Sincerity in Action, and to work for the Betterment of Organization and Nation.

Education

Degree	College/School	University	Passing Year	Pass Percentage
Sem-5	Sardar Patel Institute Of Technology	Mumbai University	Feb, 2017	9.70/10
Sem-4	Sardar Patel Institute Of Technology	Mumbai University	June, 2016	9.14/10
Sem-3	Sardar Patel Institute Of Technology	Mumbai University	Feb, 2016	9.85/10
Sem-2	Sardar Patel Institute Of Technology	Mumbai University	June, 2015	8.02/10
Sem-1	Sardar Patel Institute Of Technology	Mumbai University	Jan, 2015	8.70/10
H.S.C (12th)	Kendriya Vidyalaya INS Hamla	CBSE	April, 2014	91.0/100
S.S.C (10th)	Kendriya Vidyalaya INS Hamla	CBSE	March, 2012	9.0/10

Projects

- eYantra-2016, Navigate A Terrain — 1st Position** (Aug 2016- Apr 2017)
 - Worked on R-Pi (Rover System) & Node-MCU (Base Station)
 - Combined Image Processing, Laser detection, Wireless Communication, Shortest Path Finding Algorithms and designed a prototype of autonomous system for Navigation in Space Missions
- Interfacing GLCD with DSP**, (June 2016 - Present)
 - Worked on DSP (TMS320F28335)
 - Interfaced Graphic LCD with DSP, showing images captured by interfaced camera on GLCD
 - Further, will implement a Standalone Image Processing system using DSP having various Industrial & Home Applications
- eYantra-2015, Pizza Delivery Service — 4th Position** (Aug 2015- Apr 2016)
 - Worked on Firebird-V(Atmega 2560)
 - Combined Line Following, Color & Height Detection using Sharp & Proximity Sensors, Interfaced Color

E/301, RNA Regency Park, Maharashtra Nagar, M.G. Road, Kandivali West, Mumbai-400067
Maharashtra, India

☎ +91 961 939 6877 • ☎ 022 28673972 • ✉ wagh.madhav@gmail.com

1/2

Sensor to detect color of Pizza Boxes,

- And, designed a Optimized Algorithm for optimal path finding and delivery of the Pizza, thus implemented a prototype of Automated Pizza Delivery System

4. **Temperature Detection & Buzzer Feedback** *using Temperature Sensor with Atmega 32 (May 2015-June 2015)*

- Interfaced Temperature Sensor with Atmega 32 and Calibrated it (using its transfer charac.) efficiently using graph approximation techniques.
- Buzzer was used as feedback if Temperature exceeds a certain threshold.