

# Gopala Dhar

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## CAREER OBJECTIVE

As an *Electronics Engineer*, in my Second Year, I've developed a urge for practical knowledge, be it working on algorithms or interfacing Sensors.

I Believe that **Automation** is the future and would like to pursue a Career in Automation with implementation of *Machine Learning* and *Neural Networks* along with *Computer Vision*.

I foresee its Implementation to solve Real Word issues and I would be gratified if I could help the World become a better Place.

## ACADEMIC DETAILS

Examination	University/Board	Institute	Year	CGPA/%
Undergraduate (4th Sem, Electronics)	<i>Autonomous</i> (Mumbai University)	Sardar Patel Institute of Technology, Mumbai	2018	Pursuing
Undergraduate (3rd Sem, Electronics)	<i>Autonomous</i> (Mumbai University)	Sardar Patel Institute of Technology, Mumbai	2017	10
Undergraduate (1st Year, Electronics)	<i>Mumbai University</i>	Sardar Patel Institute of Technology, Mumbai	2017	9.04
Higher Secondary	CBSE	Delhi Public School, Jammu	2016	91.2
Matriculation	CBSE	Delhi Public School, Jammu	2014	10

## PROJECTS AND COMPETITIONS

1. eYRC (2017)
2. Robocon (2016, 2017)
3. Land Mine Detection and Mapping (IICDC 2017)

## TRAINING AND INTERNSHIP

- College Certified Course in **LabVIEW**
- College Certified Course in **Verilog**

## RESEARCH PUBLICATIONS

1. BDR problem solving through SIMULINK and MATLAB has been taken up and outcome of results will be submitted for publication during this year

## TECHNICAL SKILLS

- Possess hands on experience of Micro-controllers and Micro Computers such as Arduino, Raspberry Pi etc
- Indepth working knowledge of Image Processing through Open-CV
- Interfacing experience of a Host of Sensors including IR Arrays, Lidar Sensor, Ultrasonic Module etc
- Well versed with Pneumatics and DC motors including BLDC, Steppers and Servos
- Ability to design basic Circuits and Drivers

- Familiar with Languages: C, Python, VHDL, Verilog

#### **SOFT SKILLS**

1. Very good ability to work in a Team
2. Possess excellent Communication Skills
3. Problem Solving and Time Management attitude