

## KOMAL KUMAR SHINDE

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### EDUCATIONAL CREDENTIALS:-

- **DIPLOMA** in **INDUSTRIAL ELECTRONICS** from **VIVEKANAD** college of **POLYTECHNIC, MUMBAI** with 67%.
- **S.S.C** from **MUMBAI UNIVERSITY** from **ABHYUDAY VIDHYALAYA** with 64%.
- **EMBEDDED SYSTEM** developer training form **PROLIFIC** training institute.

### WORKING EXPERIENCE:-

- Working with “**Don Bosco Institute of Technology**” (Kurla) as Lab Assistant from 4<sup>th</sup> October 2010 to till date.

### TECHNICAL:-

1. Testing of antennas during **Antenna design contest** using spectrum analyzer in DBIT.
2. Made **Voltage Control Oscillator** (600MHz) in DBIT.
3. Made **Detector** and **Saw tooth wave generator** using SMD components.
4. In **DBIT** (inter college) **Robotics** (line path follower) competition won by 3<sup>rd</sup> place.
5. Made **Yagi Uda Antenna** in HAM radio workshop.
6. Design low pass filter at 700MHz
7. Attended “**Microwave Measurement Using the VNA**” workshop

### TECHNICAL SKILLS:-

- Antenna testing and radiation pattern measurement.,AMITEC
- Spectrum and Network Analyzer (8 GHz),R&S
- Microwave Test bench Measurement (11GHz), NVIS Technology
- Languages known: - **Assembly**  
**Embedded C**
- Software known:-  
**Ansoft SV version software.**

**Appcad software.**  
**Genesis software**  
**Pinnacle**  
**Keil**

- Passed government recognized MS-CIT exam.

### **ACADEMIC PROJECT DETAILS:-**

**Diploma Project Name: - STAIRCASE POWER GENERATOR.**

**Description:** In this project, we convert the kinetic energy of people walking stairs into electricity. The electricity that is generated will be able to be stored and extract anytime. In addition we will be able to monitor and control the amount of electricity generated.