

Nabil Pathan

Electronics and Communication Engineering student, looking forward to extend my knowledge in the field of Electronics with the help of suitable postgraduate programme. Proven ability to meet deadlines, working independently and in a team. My hard work and sincerity have helped me develop basics and fundamentals. Keenly interested in everyday electronic devices.

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EDUCATION

Pursuing B.E. in Electronics and Communication Engineering

Ramdeobaba College of Engineering and Management, India *Aug 2016 – May 2020*
GPA : 6.46 / 10

Secured 80.4% in HSC CBSE Board from Centre Point School, Katol Road. *June 2015 – March 2016*

Secured 89.4% in SSC CBSE Board from Modern School, Koradi Road. *June 2013 – March 2014*

SKILLS

- Logic Design
 - Electronic Devices
 - Electronic Circuits
 - Analog Circuits
- Communication System
 - Networking
 - Signal Analysis
- Intel 8085 and 8051 Interfacing
 - Control Systems
 - Data Structures
 - Operating Systems
- IC Fabrication
 - Electronic Instrumentation
 - Engineering Mathematics

Software and Programming Languages

- MATLAB
- Proteus
- Xilinx
- C, C++
- HTML
- Embedded System programming – 8051 and 8085

WORK EXPERIENCE

Bachelors projects

Ramdeobaba College of Engineering and Management, India

Final year ongoing project –

Smart Internet Controlled Multi-Utility Self Sustained Bicycle.

(The project has been approved to be eligible for patent and the patent application is under process.)

- Power Tester using NOT gates to determine connectivity of device to the supply
- Day and Night Detector using Light Dependent Resistor.
- 1 digit object counter using IR sensor
- 2 digit object counter using LM358 IC and 555 Timer IC
- Automated fan using IR sensor
- Smart Irrigation system using Arduino and Raspberry Pi
- 8085 Microprocessor based 2 digit decimal Calculator
- HTML website

INTERESTS

- Playing Badminton
- Custom ROMs for Android devices
- Computer Hardware