

CURRICULUM VITAE

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OBJECTIVE

To pursue MS in the field of Telecommunication Technology

ACADEMIC DETAILS

Institute: National Institute of Technology, Surat, India

Department: Electronics and Communication Engineering

Program: Bachelor of Technology

Examination	University	Institute	Year	CGPA/%
Graduation	NIT Surat	NIT Surat	2012	6.76/10
Intermediate/+2	Central Board of Secondary Education	Kendriya Vidyalaya, Air Force, Vadodara	2008	86.80
Matriculation	Central Board of Secondary Education	Kendriya Vidyalaya, ONGC Phase-1, Surat	2006	90.80

SCHOLASTIC ACHIEVEMENTS

- Secured second position in Interschool National Science Exhibition 2007 held by Kendriya Vidyalaya
- Top 10% in National Standard Examination in Physics, 2007 issued by Indian Association of Physics Teachers
- Secured 23rd position among first 500 in Junior Maths Olympiad 2005-06 organized by Kendriya Vidyalaya Sangathan, New Delhi
- Held a meritorious position in TFI Mathematics Olympiad, 2003

WORK EXPERIENCE

RANCORE Technologies, Mumbai (June 2012- Present)

Team: Converged Client Team

Role: To develop client application for Windows using Java for functions like voice call, Video call, presence notification and file sharing

PROFESSIONAL HIGHLIGHTS

IIT (Indian Institute of Technology, Hyderabad, India)

[May-June 2011]

- Worked on a project titled 'Convergence of Wireless Technology' under the guidance of Prof. P. Rajalakshmi, Indian Institute of Technology, Hyderabad, India
- The objective of the project was to collect data from Wi-fi, Zigbee and Bluetooth modules, merge them into a single packet and transmit the packet through a fiber optic cable. This project involves socket programming in java to collect and merge data from different modules.

GAIL (Gas Authority of India Ltd., Bharuch, India) (Industrial Trainee)

[May- June 2010]

- Worked on PLC/ DCS Control Systems
- Underwent 4 weeks training in GAIL plant on Honeywell Distributed Control Systems and Allen Bradley Programmable Logic Controllers

ONGC (Oil and Natural Gas Corporation, India) (Vocational Trainee)

- Underwent 3 weeks vocational training in the Infocom section at ONGC on Radio Communication, IC-NET (Integrated Communication Network) and PBX Telephone exchange and Satellite Communication

RESEARCH EXPERIENCE

Synthesized design of Physical Layer of Wimax Transceiver

[Aug2011 – May 2012]

Bachelor's Dissertation

Guide: Prof. Zuber Patel

- Synthesized transceiver and receiver blocks of Wimax on Xilinx software.
- Simulated transceiver and receiver blocks on Matlab software.
- Understood channel coding techniques, data mapping and modulation techniques

TECHNICAL SKILLS

- **Operating Systems:** Linux, Windows
- **Programming Languages:** C/C++, Java, Verilog HDL, Assembly Languages (8085 Microprocessors and 8051 Microprocessors)
- **Tools:** Multisim, Commsim, Photonic CAD, Matlab, Xilinx ISE, Keil uVision, P Spice, Professional MS Office

HOBBIES

- Guitar Jam
- Soccer
- Swimming
- Travel