

# CURRICULUM VITAE

**Giriraj Patel**

**Discipline:** Electronics & Communication

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## **Professional Qualification:**

Course	School / College	Board / University	Year Of Passing	Class	Percentage
B.E (E.C)	CIT,Changa	Gujarat, University	June 2004	First	64.6%

## **Academics:**

Course	School / College	Board / University	Year Of Passing	Class	Percentage
H.S.C	G.S.E.B, Gandhinagar	G.S.E.B.	March 2000	First	66%
S.S.C	G.S.E.B, Gandhinagar	G.S.E.B.	March 1998	DISTINCTION	75%

## **Current Status:**

**Post:** lecturer in Electronics & Communication dept.

**Institute:** G.H.PATEL COLLEGE OF ENGG. & TECH (GCET),  
V.V.NAGAR

**Work:** Teaching

**Total Teaching Experience:** 3 Years (Since 10<sup>th</sup> January, 2005)

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## **Key Projects:**

1. Projects successfully guided to students:

- Major Projects
  - Retrofitting of lathe
  - Color dispensing machine
  - Task handling by multiple mobile robots
  - Automatic stamping machine

- Automated bottle filling, capping and labeling system
- **Worked on SIM300 GSM module**
- **RFID Attendance System**
- Minor Projects
  - Temperature controlled fan
  - IR buglar alarm
  - IR music transmitter & receiver
  - Automatic plant irrigation
  - Two wheeler security system

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### **Workshops, Training Programs Attended:**

- One day workshop attended on “Embedded Systems” organized by EC department DDTT, Nadiad.
- Attended one week STTP program on “Real Time Application Development using Digital Signal Processors & FPGAs” organized by EC department, GCET, VVNAGAR.
- Attended one week AICTE sponsored summer school on “Microwave Integrated Circuits” organized by Electronics department, SVNIT, Surat.

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### **Conference Paper Published**

1) AUTOMATION OF CONVENTIONAL RADIAL DRILLING MACHINE  
Paper published at **National Conference on Innovations in Mechatronics Engineering-2009** by Mechatronics Engineering Department, G H Patel College of Engineering & Technology, V V Nagar.

2) Hydrogen Fuel Cell Car Control  
Paper published at **National Conference** by Mechanical Engineering Department, SVNIT, Surat

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### **ORGANIZATION AND MANAGEMENT EXPERIENCE:**

- I am faculty co-ordinator of Project Club PRARAMBH in GCET.
- I have co-ordinated workshop based on “Relay Circuit” organized by PRARAMBH-THE PROJECT CLUB at GCET, VVNAGAR.
- I have conducted workshop of advance instruments.

- I have arranged workshop on PCB designing.
- I am a member of Industrial Consultancy Cell (ICC) & Timetable committee of GCET.

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**PERSONAL PROFILE:**

**Full name:** Patel Giriraj Jitendrabhai

**Permanent Address:** 62/63, Mangal Milan Park, Borsad Chokdi, Sojitra road,  
Anand-388001

**Date of birth:** 28<sup>th</sup> August 1983

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**Gender:** Male

**Language known:** English, Hindi, Gujarati

**Core Competence:** Self motivated, Comprehensive problem solving abilities,  
Willingness to learn and adept new technologies