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## Mahesh V

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### About Me

- DOB 24-06-1979
- AGE 22
- MALE
- INDIAN

### Objective

To expand my horizons in the field of Electronics & communications through attaining my masters and further continue my studies to PhD.

### Education

- **All India Senior Secondary School Leaving Examination**

Major	399/500(79.8%)	Grade
Physics		A2
Chemistry		A2
Mathematics		A1
Biology		A1

- Bachelor of Technology

Major: Electronics and Communication Engineering

University : University of Kerala.  
College of Engineering, Thiruvananthapuram, India

Aggregate: 69.64%

- GRE

Total: 2050

Verbal: 550      Analytical: 710      Quantitative: 790

- Toefl

Total: 280

### Relevant courses

- Digital Electronics
- Microprocessors
- Microwave Engineering
- Network Analysis & Synthesis
- Digital Signal Processing
- Optical Communication
- Communication Engineering
- Networking
- Electronics Circuits
- Electro Magnetic Theory
- Radiation & Propagation
- Control Systems

### Teaching Experience

I conducted a seminar on hardware encryption schemes in my seventh semester, which gave me an exposure to teaching.

**Research Experience**

- MINI PROJECT DURING 6<sup>TH</sup> SEMESTER

The mini project is a Quiz Buzzer System that is designed to bring an end to the hassles the quiz master has to go through to determine the team to be given priority to answer in a buzzer round. The device could be extended to use in any area where you have to prioritize subscribers on first come first served basis. This was realized using digital gate switches and other simple components to keep the cost to a bare minimum. The device has the capability to distinguish two people who triggered with microseconds apart, and also avoids the problem of multiple triggering.

- MAIN PROJECT DURING 8<sup>TH</sup> SEMESTER

The main project was implementation of Trivial File Transfer Protocol and Remote Command Execution in C. The project was done in Linux environment with Intel platform. Trivial file transfer protocol, which is supposed to be the predecessor of FTP, is a protocol that enables simple and high-speed transfer of files over a network using UDP.

**Industrial Experience**

- INDUSTRIAL TRAINING AT THE END OF 6<sup>TH</sup> SEMESTER

My Industrial Training was completed at Xerox Modicorp, Rampur, Uttar Pradesh, India. The training programme included the design, development software tools simulating hardware measuring equipments using a highly versatile software tool Lab View from National Instruments. Software tools for signature analysis of motors and solenoids followed this.

**Achievements**

- Secured 191<sup>st</sup> rank in the Common Entrance Examination (CEE) of the state of Kerala in 1997.
- Won many awards in violin/music competitions at school and college levels. Represented the college at State Youth Festival.

**Computational Skills**

- Hardware Platforms: Intel
- Operating Systems: Windows 9X, Linux, MSDos
- Programming Languages: C, Pascal, Visual Basic, HTML
- Software Tools: Spice, Matlab, Lab View.
- Typing Speed 40 wpm ( approx)

**Other Information**

Read, Write,  
Speak

- English, Hindi, Malayalam.

Extra-curricular  
Activities

- I am a violinist.
- Was the student coordinator of Placement Activities for the year 2000-2001
- Active participation in organizing of CETEX, the college exhibition conducted in the year 2000.
- One of the organizers of "interface Y2K1", National Level seminar contest conducted by the Department of Electronics & Communication Engineering.
- Editor of the college brochure brought out in the year 2001.
- Worked as student Counselor at the guidance cell in the year 2000-2001.

**Reference:**

1. Prof. M Mahadevan  
Principal,  
College of Engineering,  
Kannur  
Kerala, India
2. Radhamoni G  
Professor & Head,  
Department of Electronics & Communication  
College of Engineering,  
Kannur,  
Kerala, India
3. Shaheeda P A  
Professor & Head,  
Department of Electronics & Communication  
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