

for wireless environment is to be designed. The present modulation scheme uses the legacy bandwidth, in particular the FM band. So, the interference due to existing FM transmission should be reduced. The Transmitted signal in turn should not interfere FM reception. The receiver designed should comply with these conditions.

**PROFESSIONAL
EXPERIENCE**

Qualcore Logic Limited, Hyderabad

Designation : Engineer Trainee

August 2006 - May 2007

Got Trained on the entire ASIC flow, from Design to Verification including DFT and Synthesis. Designed a block of HDMI protocol in Verilog language using **Cadence** tools - NC verilog and verified using System Verilog language.

**POST GRADUATE
COURSE
MINI PROJECTS**

Speech Recognition

A large data base is collected and speech recognition for digits is done.

Implementation of FFT algorithm on ADSP 218x processor

FFT algorithm is implemented on ADSP 218x processor

Other Lab projects

Some blocks of the Text to Speech Synthesis system are developed and a seminar is given on the same topic.

**TECHNICAL
SKILLS**

- **Software:** Cadence, Mentor Graphics, Xilinx ISE , Matlab, Simulink, Modelsim
- **Hardware Description Languages:** Verilog
- **Middle Level Languages:** C
- **Scripting Languages:** Perl, Unix shell scripting
- **Operating Systems:** Working Knowledge on Linux, Windows
- **Miscellaneous:** Excellent trouble shooting and debugging skills

COURSE WORK

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|-------------------------------|------------------------------------|
| Digital Signal Processing | Speech Processing |
| Digital Integrated Circuits | Analog Integrated Circuits |
| Statistical Signal Processing | Advanced Digital Signal Processing |

**PERSONAL
PROFILE**

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|-------------------|---|
| Name | Sapta Girish Babu. Neelam |
| Fathers Name | Koteswara Rao. Neelam |
| Date of Birth | 22-08-1985 |
| Marital Status | Single |
| Nationality | Indian |
| Hobbies | listening to radio, playing chess |
| E-mail | girish966@gmail.com, sapta@iitg.ernet.in |
| Phone No | 09864224643 , 0866-2451126 |
| Languages | English, Hindi, Telugu |
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REFERENCE

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