

## CURRICULUM VITAE

Miss. Prachi Sanjay Gosavi.

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### Carrier Objectives:

To be an active member of an organization where my knowledge is utilized for the growth of the organization.

### Project Handled:

- ★ **Title:** Design & Development of a system using FPGA based Combinational Adaptive LMS on reconfigurable platform for Speech Enhancement.
- ★ **Description:** Speech is the way to express our feelings, ideas, thoughts, and emotions. But such speech is corrupted by various environmental noises. Adaptive filter algorithm becomes ideal to remove noise and enhance the speech quality in research. Combinational approach will overcome drawback like Speed, accuracy .It will take advantage of two different algorithms and will lead to increase the performance of speech signal. Improvements in capacity, performance and decrease in cost, FPGAs have become a viable solution for making custom chips and programmable DSP devices. This architecture is implemented on FPGA using Virtex 6 board and Xilinx system Generator (XSG) software. This research work is carried out by using FPGA for Speech enhancement.

### Experience:

- ➡ Two year experience after B.Tech on project based on MATLAB and Xilinx software.
- ➡ One year experience as tutor in engineering subjects.

### Technical Skills:

- ➡ Programming in MATLAB and Simulink.
- ➡ Xilinx ISE software.
- ➡ C language.
- ➡ MS Office, MS Excel

### Educational Qualification:

Qualification	University/Board	Institution	Specialization	Passing Year	Aggregate
B.TECH	Shivaji University	Department Of Technology, Kolhapur	Electronics & Communication.	2014	67.74%
H.S.C	Pune Board	M. R. Jr. Collage of science, Gadhinglaj.	Science	2010	75.67%
S.S.C.	Pune Board	Sou.V.D.Shinde High school, Gadhinglaj	--	2008	89.84%

### Major Subjects found Enthusiastic during M.Tech Curriculum:

- Reconfigurable Platform & HDL
- DSP Processors
- Real Time Operating System
- Communication Networking
- Robotics & Machine Vision
- Mobile Computing

### Achievement:

- 🏆 2<sup>nd</sup> winner in robotics competition TECHNOSIA-2014, by SPARK LAB and selected for next level held in IIT madras.
- 🏆 Ranker during PG and UG curriculum.
- 🏆 Graded in ELEMENTORY & INTERMEDIATE drawing exam.

### Extra –curriculum activities:

- 🏆 Completed 'A' level course in BSNL, Regional Telecom Training Center, Chinchwad, Pune.
- 🏆 Attended Five day workshop on "ROBOTICS & EMBEDDED SYSTEMS".
- 🏆 Attended One day workshop on "ORGANIC ELECTRONIC DEVICES".
- 🏆 Participated in "Gyani-the Bizz Quiz" competition.
- 🏆 Participated in events like poster presentation, quiz competition, sports & cultural activities during my tenure at college.

### Strengths:

- 🏆 Good Speaker.
- 🏆 Ready to accept challenges and learning new things.
- 🏆 Good at logic and Creativity.
- 🏆 Hard working, honest and sincere nature.
- 🏆 Social services.

### Hobbies:

Playing Kabbdi, Gardening.

### Personal Details

Name : Prachi Sanjay Gosavi  
Gender : Female  
Marital status : Unmarried  
D.O.B : 16 Oct 1993  
Nationality : Indian  
Language known : English, Marathi, Hindi  
Mailing address : C/705, Sunshine Society, Near Park Infinia, Bhekarainagar, Taluka:Haweli,  
Dist:Pune, Maharashtra.412308.

I hereby certify that the particulars given above are true to the best of my knowledge and belief.

Signature  
(Prachi Sanjay Gosavi)