SONI PRATIK GOVINDPRASAD
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Career Objective:

Seeking a challenging and growth oriented carrier where I can fully utilize my skills and available resources with opportunity for professional growth and to excel by contributing toward the achievement of organizational goal.

Educational Qualifications:

Examination	Discipline/ Specialization	School/college & Address	Year of Passing	Percentage / C.G.P.A
M.Tech	Microelectronics and VLSI	IIT HYDERABAD	2017	**7.6**
B.Tech	Electronics &Communication Engineering	SRTM University Nanded, Maharashtra	2014	**8.38**
Intermediate	H.S.C.	Yeshwant Mahavidyalaya, Nanded	2010	**90.00%**
X Class	S.S.C	V.M.V.,Hadgaon,Nanded	2008	**91.07%**

Technical Skills:

Programming Languages   : C, Verilog, MATLAB
Design Software   : SILVACO, TopSpice, CADENCE
Operating Environment   : Windows XP/7

Technical Training:

Undergone Industrial Training Central Railway Station at Bhusawal on "**Electric Locomotive Workshop**".

Achievements:

- Secured 1702nd Rank in GATE 2014.
- Won 1st prize in inter departmental Table Tennis tournament.

Projects:

Btech. Project Details (1):

Project Name	"Digital RPM meter using 8051"
Team Size	1
Duration	3 months
Operating System	Windows7
Tools	Keil vision, Flash magic

Project Description	1.It contains 3 main parts
	   i. Speed sensor module
	   ii. Microcontroller
	   iii. Display on LCD
	1. Speed sensor module contains IR LED which sends IR rays of 38KH frequency.
	
	2. TSOP1738 receives signal from LED and convert it into pulse internally.
	
	3. The PULSE is given to the controller which counts the no of pulses in one second.
	
	4.As RPM meter measure the speed in revolution per minute so I converted it into RPM.
	
	6.Displaying the calculated speed in RPM on LCD.

Responsibilities	To do hardware connections properly and write program to find the speed of the motor and displaying it on LCD .

BTech. Project Details (2):

Project Name	"Design and Implementation of various alorithms using VHDL on FPGA board "
Team Size	3
Duration	6 months
Operating System	Windows7
Tools	Matlab , Xilinx

Project Description	1.It contains 3 main parts
	   i. Rectangular to Polar co-ordinate conversion using CORDIC algorithm
	   ii. Design of 32 Bit ALU
	   iii. Basic image processing using Xilinx
	2. We used Spartan-3E FPGA starter kit for implementation.

	3.We programed for 32 bit ALU.
	4.In image processing ,we performed
	i. Grayscale Image Negative
	ii. Image Enhancement
	iii. Contrast stretching
Responsibilities	To do hardware connections properly and write program in VHDL for various algorithms.

MTech. Project Details (currently working):

- Currently working on "**CALCULATING POTASSIUM LEVEL IN THE BODY BY OBSERVING ECG SIGNAL**".

Co-curricular Activities:

- Attended workshop on "Wall Follower" conducted at S.G.G.S.I.E & T, Nanded
- Attended workshop on "Wireless Robotics" conducted at S.G.G.S.I.E & T, Nanded
- Elecroma (Electronics and telecommunication departmental event) Committee Member in the event Pragyaa-2012(National Level Technical Event).
- Participated in TECHNOCIRCUIT event PRAGYAA 2012 (National Level Technical Event) held at S.G.G.S.I.E & T, Nanded.

Extra-Curricular Activities:

- Active member in Institute of Electronics and Telecommunication Engineers.
- Core team member of UTSAV-2013 (Cultural Feast in Btech)
- Performed Garba event in Cultural Feast in Btech
- Performed group dance in UTSAV -2014

Personal Profile:

Name   : Soni Pratik Govindprasad
Father's Name   : S. Govindprasad
Mother's Name   : S. Sangita
Nationality   : Indian
Date of Birth   : 07th Oct, 1992

Contact address   : Santosh steel and gift center, Shembalpimpri,
Tq. Pusad, Dist. Yavatmal, Maharashtra
445209

Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Hyderabad
Date: (Soni Pratik Govindprasad)