

RESUME

VATTI PRANEETH REDDY

D. No. 29-9-5/2, Dalam Arcade,

Lalitha Colony, Dabagardens,

Visakhapatnam -530020,

Andhra Pradesh, India.

Mobile: +91-9618325832

Phone: +91-891 2567084

E-Mail: praneeth.vmf41@gmail.com



OBJECTIVE: To seek admission in graduate program in Electrical Engineering major with interests in Embedded Systems, Sensors and Transducers, Process control, Microcontrollers and Applications, Virtual Instrumentation.

EDUCATIONAL QUALIFICATIONS:

Qualification	Institution/ Place	Board/ University	Years of passing	Percentage
B.TECH (Electronics and Instrumentation Engineering)	Gitam Institute of Technology, Visakhapatnam.	GITAM University	2012	69.2
Intermediate (Mathematics, Physics & Chemistry)	Sri Chaitanya Junior Kalasala, Hyderabad, AP.	Board of Intermediate Education, A.P.	2008	80.5
X th (Senior Secondary Examination)	MNR High School, Visakhapatnam, AP.	Board of Secondary Education, A.P.	2006	87

PREREQUISITE EXAMINATIONS FOR INTERNATIONAL STUDIES:

Name of Examination	Date of Examination	Score
GRE	Dec / 5 th / 2012	Verbal Ability : 150 Quantitative Ability : 150 A.W.A : 3.0
TOEFL	Dec / 11 th / 2012	Reading : 23 Listening : 23 Speaking : 20 Writing : 24

SIMULATION and DESIGN TOOLS:

- Lab VIEW
- MATLAB
- PSpice
- Proteus
- AutoCAD
- Various PLC's Programming and Control.

PROGRAMING SKILLS:

- Keil C
- C ,C++
- SCADA Programming

PROJECT DETAILS:

TITLE: Angular Posisiton Measurment on a rotating platform using Solid-State Gyroscope

WORK PLACE: Gandhi Institute of Technology, GITAM University, Visakhapatnam, India.

SYNOPSIS: Position measurement is a very important part of any position control system. The measured position is then converted into the required format by signal conditioning using digital or analog systems. When used with rotating platforms, normally a resolver, rotary encoder, hall sensor or simply a potentiometer is used as a position transducer fitted at a location where stator and rotor are connected. All these sensors are divided into two parts; one part is attached to the rotor and the other to the stator. At the same time, the location of the sensor also needs to be fixed in between the stator and rotor. This project describes the use of a low-cost solid-state gyroscope and an 8-bit microcontroller to measure the position of a rotating platform where the positioning of the sensor needs to be independent of the rotor-stator meeting point or the center of the rotating platform. At the same time the sensor is fitted only on the rotating platform, since there is no need to access the stator .

WORK EXPERIENCE:

May 2012 to present: Trainee Engineer

Alfa Electronic Services (India) Pvt. Ltd., Visakhapatnam, India.

Working as Trainee Engineer in Alfa Electronic Services (India) Pvt. Ltd. involves design and development of integrated instrumentation and communication systems, cPCI based computing systems, Gyro display Systems etc. This particular job requires knowledge of technical aspects as well as software skills. Alfa Electronic Services (India) Pvt. Ltd., is an organization which is mainly focused on designing and development of embedded systems, indigenization of electronic sub-systems and foreign subsystems, having offices in the Hyderabad, Goa with head quarters at Visakhapatnam, India.

HONORS & ACTIVITIES:

- Undergone industrial training in 'Defence Research and Development Laboratory', Hyderabad, A.P. on 'Fire Control System in BrahMos Missile System' for a period of 45 days.
- Professional Training on "Supervisory Control and Data Acquisition (SCADA)" and "Programmable Logic Controllers (PLC)" at Prolific, Hyderabad.
- As a member of 'Bhadyath' (a nonprofit student social organization) actively participated in various social welfare programs.
- Enrolled myself as a member of student chapter of ISOI (Instrument Society of India).
- Participated in talent tests, essay writings and science exhibitions at school level.
- Played an eminent part of organization teams for events like Interface, Kshetragn (Inter college festivals) for the past years
- I was selected in the National Defence Academy entrance test (UPSC, April 2007), attended my SSB interview, cleared once in life time tests: Pilot Aptitude Battery Test (PABT), Instrument Battery Test (InsB).

PERSONAL DETAILS:

Father's name	: Inna Reddy Vatti
Mother's name	: Fathima Mary Vatti
Date of Birth	: June 24 th 1991.
Age	: 21
Gender	: Male
Languages Known	: English, Telugu and Hindi.
Hobbies	: Puzzle solving, reading, chess, music, philately, Fine arts.

REFERENCES:

1. Dr. D.ELIZABATH RANI, Ph.D.
Designation: Professor, HOD. Electronics & Instrumentation Dept.
Gitam University, Andhra Pradesh.
E-mail: kvelizabeth@gitam.edu
Mobile: +91-94410 32661
2. T. SATYANARAYANA,
Designation: Principal Director, Missiles System Quality Assurance Agency (MSQAA),
Defence Research and Development Laboratory (DRDL),
Hyderabad, Andhra Pradesh.
E-mail: satya707_hyd@yahoo.co.in
Mobile: +91-73826 01209
3. UPPALA KANTHA RAO,
Designation: CEO, Aster Teleservices Pvt. Ltd.,
Bengaluru, Karnataka.
E-mail: kantharao@uppala.biz
Mobile: +91-98440 73970
4. N. NARAYANAYA PANDA,
Designation: Vice President (Techincal), Alfa Electronic Services (India) Pvt. Ltd.,
Visakhapatnam, Andhra Pradesh.
E-mail: nnpanda2006@yahoo.co.in,
Mobile: +91-98494 82920

Place: Visakhapatnam, (AP), India.

Date: Jan-18-2013

VATTI PRANEETH REDDY