

## RESUME

Kalane Prasad Nandkishor  
[prasadkalane@gmail.com](mailto:prasadkalane@gmail.com)  
Phone: 9960878555

“Matoshri”, Gurukul Colony,  
A/P: Rahuri Factory,  
Tal: Rahuri,  
Dist: A. Nagar  
Pin code: 413 706.

### OBJECTIVE:

A Challenging position in an organization where my technical and analytical skills would be applied for the betterment of the organization.

### AREA OF INTEREST:

- Digital Image Processing
- Machine Vision
- Pattern Recognition
- Speech Processing
- Modeling & Simulation in any field With MATLAB
- Biometric Security
- Biomedical Signal Processing
- Target Tracking in Video Images

### PUBLICATIONS

- **International Journals: 01**

Research article published in International Journal of Science & Technology. Prasad Kalane “Target Tracking Using Kalman Filter” IJST Volume 2 Issue 2 (2012) .ISSN (online): 2250 – 141X  
([http://www.ijst.co.in/papers/vol2issue2/ijst\\_120403.pdf](http://www.ijst.co.in/papers/vol2issue2/ijst_120403.pdf) )

- **National Conferences : 01**

Prasad Kalane et al. “Target Tracking Using Kalman Filter” Recent Trends in Information Technology (RTIT 2012), JSPM Narhe Technical Campus, 15<sup>th</sup> to 17<sup>th</sup> March 2012, ISBN : 978-93-5067-454-3

### HARDWARE KNOWLEDGE

- Microcontroller (8051)
- Knowledge of hardware components

**TECHNICAL DETAILS**

- Windows
- MATLAB & Simulink

**CURRICULUM PROJECT:****PROJECT 1 (B.E.)****Project Title:**

*“Target Tracking Using Kalman Filter”*

**Brief overview of project:**

One of the fundamental problems in vision is that of tracking target through sequences of images. Within this Project I discuss the design of Kalman filter algorithm to track the target and shows the resulting improvement in tracking. This is of utmost importance for high-performance real-time applications. Experimental results demonstrate that, the proposed algorithm is more robust in tracking performance.

**PROJECT 2 (T.E.)****Project Title:**

*“Speed control of DC motor Using Semiconverter”*

**Brief overview of project:**

We control the speed of 0.5 HP separately excited DC motor by controlling the Armature Voltage, using semiconverter. Firing of the two SCR's are controlled by linear firing scheme using Op. amp.

**PERSONAL PROFILE :**

Name	:	Kalane Prasad Nandkishor
Date of birth	:	21-07-1987
Father's Name	:	Kalane Nandkaishor R.
Nationality	:	Indian
Marital Status	:	Single
Domicile	:	Maharashtra
Languages Known	:	English, Hindi, Marathi and Tamil
Interests and activities	:	Reading Historical Books, & Playing With 'MATLAB'
Contact	:	09960878555
e-mail	:	prasadkalane@gmail.com

**EDUCATIONAL QUALIFICATIONS:**

EXAMINATON	UNIVERSITY	AGGREGATE
SSC	Pune University	530/750
HSC	Pune University	370/600
F.E. [Electronics]	Pune University	591/1300
S.E. [Electronics]	Pune University	665/1500
T.E. [Electronics]	Pune University	727/1500
B.E [Electronics]	Pune University	Reserved

**PERSONALITY TRAITS**

- Dedication, to-do attitude, commitment and shouldering responsibility.
- Strong problem-solver with the ability to provide primary problem diagnosis and coordinate resolution
- Good in Inter personal relationship and communications
- Dynamic & Hardworking

**DECLARATION:**

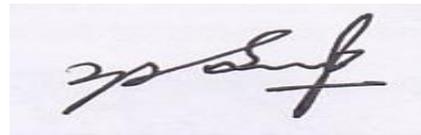
I consider myself familiar with Electronics Engineering Aspects. I am also confident of my ability to work in a team.

I hereby declare that all the details given above are true to the best of my knowledge and belief.

Place : Rahuri.

Date : 16/05/2013

Yours truly



**Kalane Prasad Nandkishor**