



Parkash Tambare

Curriculum Vitae

*"Being with no one is better than being with the wrong one" -
Parkash Tambare*

Professional Profile

A committed and proactive professional who specialises in the use of embedded design and programming techniques to develop creative and innovative robotic systems tailored towards specific project requirements. Quick to assimilate new ideas, concepts and cutting-edge technologies whilst demonstrating a logical and analytical approach to solving complex problems and issues. Able to work well on own initiative while demonstrating the organisation and prioritisation required to achieve tight deadlines and deliverables. A motivational and inspirational leader who enjoys being part of a successful and productive team, and thrives in highly pressurised and challenging working environments.

Objective

Currently looking for a new and challenging position, one which will make best use of existing skills and experience while enabling further personal and professional development.

Education

- Presently Pursuing **P.G Diploma(Embedded System Design)**, *National Institute of Electronics and Information Technology (NIELIT)*, Calicut.
- 2013-2015 **M.Tech(Industrial Automation and Robotics)**, *Srinivas Institute of Technology*, Mangaluru, under VTU Belgaum.
- 2005–2012 **B.E(Computer Science and Engineering)**, *Rural Engineering College*, Bhalki, under VTU Belgaum .

Masters Thesis

Title *Auto Metro Train To Shuttle Between The Stations*
Supervisors Associate Professor Chandra Jogi

Description This proposed system is an autonomous train and it eliminates the need of any driver. Thus, any human error is ruled out. In this project ARM 7 has been used as CPU. Whenever the train arrives at the station it stops automatically, as sensed by an IR sensor. Then the door opens automatically so that the passengers can go inside the train .It is equipped with a passenger counting section, which counts the number of passengers leaving and entering the train. The door then closes and the train starts after a prescribed time (there will be a time set already as to how many minutes the train will stop at every station) set in the controller by the program. The train incorporates a buzzer to alert the passengers before closing the door and also warn them before starting. As the train reaches the destination the process repeats thus achieving the desired operation. A camera is also interfaced for controller

International Paper Publications and Conference

- International Paper Publication Parkash Ratan Tambare, "**A Driverless Metro Train using ARM7,**" in International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2341-6710, ISSN: 2319-8753(Online): vol. 4, Issue. 6, June 2015
- International Paper Publication Parkash Ratan Tambare "**Auto Metro Train to Shuttle Between Stations,**" in International Journal and Magazine of Engineering, Technology, Management and Research (IJMETMR), ISSN: 230-3706, ISSN: 2348-4845(Online): vol. 2, Issue. 5, May 2015
- International Conference Parkash Ratan Tambare "**Auto Metro Train to Shuttle Between Stations,**" in A International Conference on Emerging Trend in Engineering and Technology at Bangalore on 31st May 2015.
- National Conference Parkash Ratan Tambare "**A Driverless Metro Train with Passenger Counting and Service Monitoring using ARM7,**" in A National Conference on Electronics, Signal, Communication and Optimization organized by GSSSIETW, Mysuru in associations with Institute of Electronics and Telecommunication Engineering at GSSS Institute of Engineering and Technology for Women, Mysuru on 9th July 2015.

Experience

- Presently **Pursuing P.G Diploma(Embedded System Design),** *National Institute of Electronics and Information Technology (NIELIT), Calicut.*
- Sept 2011–Nov 2012 **Technical Support Engineer,** MPHASIS AN HP COMPANY, Bangaluru.
Worked as a Network Support Engineer solving the Broadband Network related issues for the corporate customers through online.

Key Technical Skill

Embedded C, Linux Programming, RTOS Programming, Linux OS Porting on ARM Board, C++, Java

Computer skills

- Intermediate XML, HTML, \LaTeX , OpenOffice, Linux, Microsoft Windows
- Advanced Computer Hardware and Support

Technical Skills

SKILL	EXPERTISE	AWARENESS
Programming Languages	C, C++	Java, Python
System Programming	Linux/Unix, Socket,RTOS	Windows Programming
Kernel Programming	Linux Kernel	Linux Device Driver
Hardware Programming	Firmware programming	Verilog, H/W architecture
Hardware Architecture	ARM Cortex M3	ARM Cortex M4
O.S Porting	Linux O.S Porting on ARM based Board	
Operating System	Windows/Ubuntu/RTOS,VxWorks	Cent OS
Database Software's	Oracle	MySql
Software Engineering	UML,SDLC	Documentation
Web Technologies	HTML	JavaScript
Development IDE's	MDK5, Tornado, Eclipse	DS-5
Web Server	Tomcat	Weblogic

Languages

Marathi	Mothertongue
English	Fluent
Hindi	Fluent
Kannada	Fluent

Interests

- Reading
- Cooking
- Meditating

Personal Details

Name	Parkash R Tambare
DOB	01 July 1986
Sex	Male
Marital Status	Single
Nationality	Indian

Declaration

I hereby declare the above written particulars are true to the best of my knowledge and belief

Date:
Place: Mangalore

Parkash R Tambare