

CURRICULUM VITAE



Mr. Kiran Sudam Navale

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Career Objectives:

Contributing to organizational goal by systematic application of technical knowledge through the effective utilization of technical skills Willing to work as a key player in challenging and creative environment and to put devotion in research field.

Educational Qualifications:

Sr. No.	Qualification	Institute/University	Year of Passing	Percentage of Marks
1	M.E. (VLSI & Embedded Sys.)	K.K.WAGH Institute of Engineering education & Research, Nashik	2013	CGPA 7.43 (First Class)
2	B.E. (Electronics)	MET'S Institute of Engineering	2010	70.80(First Class with Distinction)
3	HSC	RYK, Nashik	2008	76.20(First Class with Distinction)
4	SSC	New English School, Adgaon	2006	82.93(First Class with Distinction)

WORK PROFILE:

1 Feb 2011 - Present

Organization: K. K. Wagh Institute of Engineering education & Research, Nashik

Designation: Assistant Professor

Department: Department of Electronics & Telecommunication Engineering

10 November 2010 to 30 January 2011

Organization: Starion India Pvt Ltd. Ranjangaon Pune

Designation: Quality & Testing Engineer

Department: Surface Mount Technology

Job Profile: Production and Quality testing of PCB's of Mobiles using Surface Mount Technology

DISSERTATIONS:

1. ME Dissertation

“Wireless Brain Computer Interface System for Drowsiness Detection”

Supervised by: Prof. K. S. Holkar Examined by: Dr. L. M. Waghmare

A real time Brain computer interface system detects the attention and Drowsiness of the driver and alerts him under drowsy state. This uses a neurosky sensor and arduino platform to show different states of attention of the driver

2. BE Dissertation

“Wireless Gesture Recognition System for Robot Control”

Supervised by: Mrs. M. Shinde

An Accelerometer Senses different Gestures made by hand and the output of this is given to microprocessor. Depending on different motions different types of movements are assigned to the robot.

Research Interests:

1. Brain Computer Interface System (BCI)
 2. Power Electronics and Drives.
 3. Converter Topologies and Control.
 4. Embedded Signal processing using ARM, Linux, PSOC and Arduino
 5. Building Android App based on EEG
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PUBLICATIONS:

1. K. S. Navale and Prof. K. S. Holkar. ” Wireless Brain Computer Interface System for Drowsiness Detection”, National conference e-PGCON, Loni, 2012-2013.
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ACHIEVEMENTS:

1. Technical coordinator for TELEKINESIS 2012 - National level project competition organized by KKKWIEER Nashik.
2. Technical coordinator for PRO-UTSAV 2011 - National level project competition organized by K. K. Wagh Polytechnic, Nashik.
3. Arranged Various Industrial visits for UG students
4. Worked as a SAEE Coordinator in Electronics Department
5. Worked in CAP Nashik for University of Pune

KEY SKILLS:

1. Expertise in C, C++, Java Programming.
 2. Expertise in ARM7, ARM9, Arduino and PSOC
 3. Expertise in Power Electronics and Drives
 4. MATAB/SIMULINK Proficiency: modeling and simulation.
 5. Multidisciplinary approach: can adapt and grasp any technology easily.
 6. Electronic circuit designing.
 7. Teaching.
 8. Open Vibe
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Workshops/Conferences Attended

Sr. No.	Conference/Workshop	Title	Duration
1	Participated in Workshop organized by WIT Solapur and Cypress Semiconductors Pvt. Ltd	Programmable System on Chip	2nd- 3rd March 2012
2	Participated in Workshop organized by KKWIEER Nashik	Intellectual Property and Patent Life Cycle Management	10 th march 2012
3	Participated in Workshop organized by Innovative Technologies	Embedded System Workshop	6 th march – 09 march 2009
4	Participated in National level Technical congregation organized by KKWIEER Nashik	Telekinesis	27 th -28 th 2012
5	Attended a National level Conference for PG students under Pune University Organized by Cummins College of Engineering, Pune	ePGCON 2012	23 rd -24 th April 2012
6	Attended a National level Conference for PG students under Pune University Organized by Pravara Rural Engg. College Loni	ePGCON 2013	20 th -21 st march 2013

Subjects Taught During Last Three Years

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| 1. Power Devices and Machines | 2. Power Electronics |
| 3. Basic Electronics | 4. Biomedical Instrumentation |
| 5. Data Structures using C | 6. Object Oriented Programming |

PERSONAL PROFILE:

Name: Kiran Sudam Navale

Address for Correspondence: Adgaon Phata , Adgaon ,Tal-Dist – Nashik 422003

Nationality: Indian

Marital Status: Single

Date of Birth: 5th June, 1988

Hobbies: Dancing, Reading, Making friends and interacting with people, watching movies, Music.

Languages known: English, Hindi, Marathi
