

# VINAY T.KAMBLE

Vinay\_kamble83@yahoo.com

## **Postal address**

Shivshakti colony,  
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## **OBJECTIVE:**

Seeking to achieve and strengthen existing technical skills and build a successful career in the field of education. Looking forward for Electronics and electrical oriented career involving improvements in an esteemed organization which values performance based growth.

## **EDUCATIONAL QUALIFICATION:**

**M.E.(Electronics & Telecommunication)**

**From,  
D.Y.Patil. College Of .Engg. & Tech.  
Kolhapur.  
Shivaji University.**

## **Work Experience :**

**July2018-Till Date:-** As Asst Prof. in the department of Electronic Of  
Dr.J.J.M.C.O.E.Jaysingpur ( Shivaji University)

**July2012-Aug2013:-** As Asst Prof. in the department of Electronic &  
**Aug2014-April 2018:-** Telecommunication Engg. Of Gharda Inst.Of.Technology, Lavel  
Khed. ( Mumbai University)

**Aug2010-Sept2011:-** As Sr.Elect.Maint.ENGINNER  
  
Mahabal Auto Components Pvt.ltd. is having fully Automised High  
pressure moulding line is speed of 120 mould/Hr.It is Indias first  
Project of DISA INDIA company.(DISA FLEX 80).

**Dec 2007 –July2010:-** As Sr. ENGINNER. – Maint. & Production Department  
  
Shriniwas Engg.Auto Components Pvt.Ltd. is upcoming foundry  
organization having largest set up of 1 Lac MT capacity under one  
roof.

## **Working style:**

- \* Participating with our team to bring back the machine to its basic condition.**
- \* Identifying & correcting the abnormalities**
- \* Find out the areas difficult to clean, lubricate, Inspection & retightening and taking the countermeasure for it.**
- \* Doing Time Based Inspection (TBI) & Time based Maintenance (TBM) in the machines.**
- \* Doing kaizens for reducing the losses in the Machines.**
- \* Implementing Mistake proof methodology techniques in the machine.**
- \* Analyzing the various factors for increasing the Overall Equipment Efficiencies (OEE).**

## **Major skills:**

- \* Knowledge of PLC S5, S7- 200, 300,400 (step 7v5.3,step 7microwin v4.0,**
- \* Maintenance Kunkel Wagner/DISA FLEX-80 Moulding machine (Air Impulse Machine) make Germany.**
- \* Maintenance of Kunkel Wagner/DISA FLEX-80 (High pressure molding machine) (Jolt-Squeeze Machine)**
- \* Looking after HPML Production & Maintenance.**

## **EXPERIENCE:**

- Having knowledge of ISO documents preparation.
- Having knowledge of 5 'S' Activities.
- Hardware modification for continuous improvement and Minimize the breakdowns time.
- Design the electrical drawings.
- Team member of Spare part list team of company
- Experience of making daily, weekly, monthly production report
- Representing the needs of customer in his department addressing ISO- 9000 requirements (Selection of special characteristics, setting quality objectives, training, CA&PA)
- Ensure that required quality of material is used during production
- To ensure quality records maintained as per documented procedure.

## **Educational EXPERIENCE:**

- As External Examiner For Practical/ oral Examination in D.K.T.E Engg. College Ichalkaranji in May 2018 for one week of all Textile branch.
- As External Examiner For oral Examination in BIMAT Engg.college, Kagal, Kolhapur (Shivaji University).in May2016.
- As External Examiner For Practical/ oral Examination in D.K.T.E Engg. College Ichalkaranji in May 2016 for one week of all Textile branch.
- As External Examiner For Practical/ oral Examination in S.S.P.M. Engg.College, Kankavli. (Mumbai University).in April 2015
- As External Examiner For Practical/ oral Examination in Vedak Engg. College, Tala. (Mumbai University).in April 2015, Dec2015, April 2016, Dec 2016, May2017.

- As External Examiner For Practical/ oral Examination in Rajaram Shinde College Of Engg.Pedhambe. (Mumbai University).in April 2015, April 2016, May 2017.
- As External Examiner For Practical/ oral Examination in Rajaram Shinde College Of Engg.Pedhambe. (Mumbai University).in May 2012
- As External Examiner For Practical/ oral Examination in D.K.T.E Engg. College Ichalkaranji in Nov 2011.
- As Examiner for Assessment of theory papers in 2012-2013 and 2014-2015 of Mumbai University.
- As Guest Lecture on the topic Wireless Communication in Vitthal Patil Polytechnic, Inam Dhamni, Sangli in Feb2014.
- As Guest Lecture on the topic Optical Fiber Communication in Vitthal Patil Polytechnic,Inam Dhamni,Sangli in Feb2014.
- As **Judge for state level paper presentation competition REVOLUTION 2K14** held in Vitthal Patil Polytechnic Inam Dhamni, Sangli in Feb2014.
- As **Judge for National level Technical Event SHODH 2K18** held in GIT Engg.College,Lavel,Chiplun.Mumbai University, in Oct 2018.
- **Subject Teach for Degree- Microprocessor,Microcontroller,Digital Logic,Wireless Network,Image Video Processing,Television Engg.,Embedded System,Random Signal etc.**

## **Educational Qualifications:-**

- **ME.(Electronics &Telecommunications)** from D.Y.Patil College Of Engg. &Tech. Kolhapur with **67.44%** in May 2016.
- **B.E.(ELECTRONIC)** from DKTE's Textile & Engg. Institute Ichalkaranji (Kolhapur) with **64.81%** in 2007.
- Paper presented in International Conference On Computer Electronics and Electrical Engineering (ICCEEE), Pune. On "**Preservation of Region Of Interest (ROI) of Ultrasound Images Using Wavelet Transform Based Watermarking in Region of Non-Interest (RONI)**" in Dec.2014.
- Paper presented in 2<sup>nd</sup> International Conference On Computer Science and Information Technology (ICCIIT), Goa. On "**An SVD-DWT-Based Ultrasound Image Watermarking Scheme**" in Jan.2015.
- Paper published in International Journal of Current Engineering and Scientific Research (IJCESR) in Volume-2,Issue-1,2015 On "**Preservation of Region Of Interest (ROI) of Ultrasound Images Using Wavelet Transform Based Watermarking in Region of Non-Interest (RONI)**"
- Paper published in International Journal of Innovative Science, Engineering and Technology (IJSET) in Volume-3,Issue-2,February 2016 On "**A Review Of Different Techniques On Digital Image Watermarking Scheme**"
- Participated in Two-Week ISTE Workshop on **Control System** conducted by IIT Bombay in Dec 2014.
- Participated in Two-Week ISTE Workshop on **Analog Electronics** conducted by IIT Kharagpur in June 2013.
- Participated in Two-Day ISTE Workshop on Aakash For Education conducted by IIT Bombay in Nov-2012.
- A certificate course in **Recent Trends In Wireless Communication And Networking Organized** by D.Y.Patil College Of Engg. &Tech. Kolhapur.
- A certificate course in **VLSI DESIGN** conducted by Megacore Systems'n Solutions Sangli.
- A certificate crash course in **ASP.NET PROGRAMMING** conducted by DKTE's Textile & Engg. Institute Ichalkaranji (Kolhapur).

- Presented paper in National Level Paper Presentation Competition at P.V.P. Institute of Technology, Budhgaon, Sangli. On “**Biomedical Instrumentation**” in Feb. 2007
- National Level Workshop on Control Techniques for Mechanical and Electronics Systems, organized by Dr. J.J. Magdum College Of Engg. Jaysingpur (Kolhapur).
- Software:
  - Xilinx ISE 8.1, ModelSim XE, Matlab 7.1 MPLAB,
  - µvision - Keil, Orcad - Capture & Layout, V.B6.0
- A certificate course in “**C**” language conducted by ‘**APTECH**’ Computer Education, Jaysingpur
- A certificate course in “**C++**” language conducted by ‘**PRABAL**’ Computers Education, Jaysingpur
- **H.S.C** from Vita High School & S.B. Pawar Jr. College, Vita With **53.83%** in 1999.
- **S.S.C** from Vita High School Vita With **70.80 %** in 1997.

**Extra Curricular Activities:**

- 1) Worked as Coordinator in **Annual Social Maitra** (2005 & 2007).
- 2) Successfully arranged various programs under the banner of Electronics Engineering Student Association (**EESA**).
- 3) Active participation in annual gathering for singing, dancing and drama.
- 4) Worked as Coordinator in National Level Paper Presentation, **Tech-Carnival 2k4** by D.K.T.E.’s Textile & Engineering Institute, Ichalkaranji.
- 5) Worked as Main-Coordinator in D.K.T.E GENIUES 2K4.
- 6) Worked as Main-Coordinator iMACBOTZ Robotics Workshop held in GIT Level Sept 2012 Conducted by ARK Technosolution Mumbai.
- 7) Worked as Main-Coordinator isensobotz Robotics Workshop held in GIT Level March 2015 Conducted by ARK Technosolution Mumbai
- 8) Worked as Main-Coordinator in E-Learning center of GIT Level.
- 9) As PULSE Head (Student Organization Committee) in GIT, Level.

10) Worked as Main-Coordinator in Social committee in GIT Level.

11) **As Admission committee member for GIT college Level,Chiplun.**

12) Working as Main-Coordinator EESA committee in Dr.J.J.M.C.O.E, Jaysingpur.

13) Worked as Event-Coordinator Culture committee in Dr.J.J.M.C.O.E, Jaysingpur.

14) Working as Main-Coordinator in National Level Technical Event **IGNITION 2K19** in Dr.J.J.M.C.O.E, Jaysingpur.



## **ACADEMIC PROJECT:**

### **B.E.PROJECT:**

#### **“POLLUTION.COM”**

Today's all world affected by pollution. Pollution is nothing but such parameter present in environment which disturbs environmental condition as well as affect on human being. So everyone knows that how many percentage of environment be polluted. For this purpose we try to implement such project. Pollution is done by many ways. By waste material for ex. plastics which pollutes our environment but in our project we discuss about air pollution. means air pollution parameters such as CO, N<sub>2</sub>, H<sub>2</sub> etc. So our basic idea of our project is these parameter sense by using sensor. Whatever data collect that gives to computer is the first way and other way this data display on LCD display also. As further data come into computer that data we update on net by using software programming. For this we try to create new website i.e. Pollution.com

### **M.E.PROJECT:**

#### **“Preservation of Region Of Interest (ROI) of Ultrasound Images Using Wavelet Transform Based Watermarking in Region of Non-Interest (RONI)”**

In last decade use of advanced electronics and digital equipment's in health care services are increased. In fact in most of the hospitals physicians' diagnosis their patients by relying on the provided electronic and digital data (such as Ultrasound, CT, MRI). This results in generation of large number of electronic digital data (i.e. medical images) continuously act various health care centers and hospitals around the world. This experiment is focus on the study of ultrasound images watermarking methods for protecting and authenticating medical data. It consist of watermarking technique on Region of Non-Interest (RONI) of the medical image preserving Region Of Interest (ROI). The medical images can be transferred securely by embedding watermark in RONI allowing verification of the legitimate changes at receiver end without affecting ROI. Watermarks conveying patients personal and examination data. In purposed system ROI indicated by physician for correct diagnosis purpose. Original image is decomposed

into 2-level discrete wavelet transform (DWT) along with singular Value Decomposition (SVD) for watermarks. The experimental result shows the satisfactory performance of the system to authenticate the medical images preserving ROI.

#### **Hands on experience with project**

- **Maharashtra floods 2005**

#### **PERSONAL DETAILS**

- Name : Vinay Tukaram Kamble
- Address : Shivshakti Colony,  
Jaysingpur 416101  
Tal: Shirol, Dist: Kolhapur (Maharashtra)
- Date of Birth : 30<sup>th</sup> March 1982
- Contact No. : (02322)228931, 08551937575(M).
- E-mail : vinay\_kamble83@yahoo.com
- Language Proficiency : English, Marathi, Hindi, sanskrut.
- Hobbies : Reading books, playing games, listening music, etc.

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

**Place:-Jaysingpur.**

**Date: - / /**

**Vinay T.Kamble**  
**(08551937575)**