

## FACULTY PROFILE

1. Name : **Mrs. Gaikwad S. K.**

2. Date of Birth : **10/11/1979**

3. Qualification:

➤ **M.Tech (Electronics –Computers) from College Of Engineering Pune.**

➤ **BE( Electronics Engg.) from K. B. P. College of Engineering, Pune University.**

4. Designation : **Assistant Professor in E &TC Department**

5. Mobile No: (Off.): 91+) 9226094906

6. Email-ID: [gaikwad1093@rediffmail.com](mailto:gaikwad1093@rediffmail.com) Email (Off.): [suvarna.gaikwad@pccoepune.org](mailto:suvarna.gaikwad@pccoepune.org)

7. Experience:

**Total Experience: 12 Years& 03 Months (Till January 2016)**

**Teaching Experience: 12Years & 3Months**

8. Area of Interest: Digital Communication, Audio Video Engineering , Microwave Engineering , Computer Engineering.

9. Subjects Taught (UG,PG):

**UG:**Telematics, Computer programming, Information Theory and coding techniques, Principles of Communicaiton Engineering, Audio Video Engineering, Television and video Engineering, Computer Networks, Digital Communication, Analog Communication, Communication Theory, Electronic Hardware Workshop,Microwave Engineering , Optical Microwave Engineering.

**PG:**Nil

10. Association with Professional bodies: **ISTE member**

11. Publications: **Books, Journal Papers, Conference paper, Magazines**

**STTP s Organized : Worked as a member of Approved short term training program in PCCOE, Pune from 23-27 May 2011**

### **FDPs Organized:**

### **Seminar/Guest Lectures Organized**

### **Competitions Organized**

1. Worked as Incharge for the event “Technodumb” in Techlligent 2014, a national level symposium held on 25th to 26th February 2014 In PCCOE, Pune
2. Worked as the member for the event Project competition in Techlligent 2013 held on 22nd and 23<sup>rd</sup> March 2013
3. Worked as a staff coordinator for B.E. Project event of TECHSHASTRA 15 Organized at PCCOE, Pune on 1<sup>st</sup> and 2<sup>nd</sup> April 2015

**Workshops (4)/STTPs ( 1)/FDPs(8) / Seminar/Guest Lectures ( 1)Attended:14**

### **Workshops Attended**

1. Attended “National conference on broadband communication” on 2-3 September 2006
2. Attended ”Embedded system programming techniques for ARM processor” in PCCOE,Pune from 11-12 February 2011
3. Attended workshop on “Industrial networks and communication” inPCCOE, Pune on 24-25 February 2012
4. Participated in one day workshop “Antenna Design and Simulation” held At PCCOE, Pune on 20<sup>th</sup> February 2015

### **STTP Attended**

### **FDPs Attended**

1. Attended workshop on “Microcontroller design and developement tools” at sinhgad college of engineering on 7-9 July 2005
2. Attended induction training programme organized by “National Institute of Technical Teachers training programme Bhopal” from 5-12-2005 to 17-12-2005
3. Attended Mission 10X in D.Y.Patil college of Engineering, Pune from 1-5 February 2010.
4. Attended worshop on “Teaching Methodology of Elective III(TVE)” In D.Y. Patil College of Engineering, Pune on 9 January 2012
5. Attended the two days faculty developement program on “Wireless Networking and Simulation” held on 2-3 March 2013 in PCCOE, Pune
6. Attended Faculty orientation workshop on T.E.(E&TC/Elex.) revised syllabus under the aegis of Board Of Studies (Electronics Engg.), University of Pune, Organized by E&TC

Dept. MES College of Engineering , Pune during 12th to 14th June 2014

7. Attended faculty orientation workshop on B.E.(E&TC/Elex.) revised syllabus under the aegis of Board of Studies (Electronics Engg.) Savitribai Phule Pune University ,organized by RSCOE, Tathawade, Pune during 11<sup>th</sup> to 13<sup>th</sup> June 2015.
8. Attended faculty orientation workshop on “Teaching methodology of Audio Video Engineering for BE(E&TC) of 2012” course of Savitribai Phule Pune University organized by D.Y.Patil Pimpri College Of Engineering, Pune on 6<sup>th</sup> January 2016

### **Seminar/Guest Lectures Attended**

1. Attended “Aarogya Doot” workshop organized by Adity Birla Memorial Hospital

### **12. Reviewer for Journal or Conferences**

- worked as **Reviewer** for International Conference on Computing, Communication, Control and Automation (ICCUBEA)-2015 on 26<sup>th</sup> & 27<sup>th</sup> February 2015.

### **13. Research Project Grants**

### **14. Research projects guided or undertaken/ Sponsored Projects/ Interaction with industry or outside world**

**Project guided:** (from academic year 2012 to 2013)

#### **BE E &TC Project:**

#### **Academic Year 2012-13**

<b>Sr. No.</b>	<b>Name of the student</b>	<b>Project Title</b>	<b>Sponsored By</b>
1	Sasikumar Shweta Vaidya Nikita Wankhede Deepali	Wireless hand gesture recognition using the acceleration sensing glove.	-----
2	Yeluri Roopkiran Dishant Vyas Mohini Pande	Micro controller based neural network control low cost autonomous vehicle.	TATA Motors

3	Nargude Gajanan Pawate Nagesh Phapale Sheetal	Intelligent PCB test Automation	Kinetic Communication Ltd.
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#### Academic Year 2013-14

Sr. No.	Name of the student	Project Title	Sponsored By
1	Dipika Bhadane Aboli Deshpande Swati Langote	Auto Medicine Management System	-----
2	Ashwini Gadge Pratibha Kasabe Neeta Wankhede	Automatic Rainfall Intensity Measurement System	Gov. of India Meteorological Dept.
3	Balaji Gadade Parag Raut Kunal Patil	PLC Based control system for MIG welding SPM	Prism Automation

#### Academic Year 2014-15

Sr. No.	Name of the student	Project Title	Sponsored By
1	Jadhav Ruchita Ashok Kalaskar Neha Gajanan Jundhare Mayuri Dnyandeo	Synchronization of assembly line using PLC	PCMC
2	Hure Yamini Bhausahab Phad Vaishali Vasant Mandale Sonali Bhairu	Water treatment plant and filter bed automation	PCMC

3	Jambhule Payal Sudhakar Priyanka Gaikwad Kekan Sheetal Anand	Design and implementation of Navigation and combat ship	-----
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### **Academic Year 2015-16**

Sr. No.	Name of the student	Project Title	Sponsored By
1	Rutuja Kengale Kopare Snehal	Assistance system for paralyzed people using eyeball tracking	-----
2	Pawar Sonal Rao Kritika Topkhanewale Rupesh	Mitsubishi PLC & HMI Installation On Hub FGM Machine	SKF INDIA LTD.
3	Marodkar Pallavi Naik Riddhi Puthran Aishwarya	Adaptive Cruise Control & Collision Warning with break support	R.D.Electrocircuits

### **Interaction with industry or outside world**

1. Organized and Attended Industrial visit to “FTII” in 2010 and 2011.
2. Organized and Attended Industrial visit to “High power TV transmitting station” to sinhgad for year 2011-12, 2012-13, 2013-14, 2014-15

### **15. Invited Talks**

### **16. Evaluator for different activities**

### **17. Other(Major Portfolios handled at College/ Department / University level)**

#### **Portfolios handled at University level**

1. For year 2011-12 got Second Prize in “AVISHKAR” state level research
2. Worked as a senior Examiner for F.E. 2009 BE for Year 2009-10
3. Worked as a paper setter for Communication Theory 2012-13

### **Portfolios handled at College level**

1. Worked as a time table incharge for 2008-09, 2009-10, 2010-11,2011-12
2. Digital communication lab developement in 2005-06
3. Analog communication lab developement 2006-07
4. Television video Engineering and Communication theory lab developement in 2010-11
5. Worked as staff welfare committee member
6. Worked as a interview coordinator
7. Working as a staff welfare committee member
8. Worked as a member of purchase procedure in 2012-13
9. Microwave Engineering lab developement in 2015-16 semI
10. Audio Video Engineering lab developement in 2015-16 Sem II (In process)

### **Portfolios handled at Department level**

1. Working as a project coordinator since 2013-14
2. Working as a class teacher for BE.B(SEM I), BE B(SEM II)
3. Lab in-charge of Advance Communication lab since 2013-14