

**NAME :** MRS. GARIMA TRIPATHI

**DESIGNATION :** ASSISTANT PROFESSOR

**QUALIFICATION:** ME (ELECTRONICS ENGINEERING)

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**PHONE :** +99-9869695897

**AREA OF INTEREST: INTERNET OF THINGS,**

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**PROFESSIONAL BACKGROUND :**

From July 2004 –till date Fr. Conceicao Rodrigues College of Engineering, Mumbai

Designation:

- 2012-Till date : Assistant professor

December 2003-March 2004:Lecturer, Terna Polytechnic, KoparKhairane.

**EDUCATIONAL DETAILS:**

2015 Master of Engineering in Electronics (M.E,Electronics) ,CGPA-8.54

2003 Bachelor of Engineering in Electronics (B.E., Electronics)

Mumbai University, Percentage of Marks: 64%

1999 H.S.C. (Atomic Energy Junior College)

Maharashtra State Board (Mumbai), Percentage of Marks: 88%

1997 S.S.C. (Atomic Energy Central School-4)

C.B.S.E, Percentage of Marks: 86%

**ADMINISTRATIVE BACKGROUND:**

**Department Level**

1. Teacher In-charge for Department Magazine.
2. PAC Coordinator for the department.
3. In charge HOD of the department.

**Institute Level**

1. IEEE-WIE Coordinator
2. NBA coordinator for the department.
3. Member of IQAC.
4. Member of College Development Cell.
5. Co-conference Chair, Finance, ICAC3'17.
6. Member of Brochure committee for ICAC3'15.
7. Hindi Editor for Fragma 2012-2017.

## **PUBLICATIONS :**

- 1) "An image processing and neural network based approach for detection and classification of plant diseases", International journal of computer Engg & Technology, Vol 6, Issue 4, April (2015), pp 14-20.
- 2) "Review on color and texture feature extraction techniques", International Journal of Research in Management & Computer Applications, May 2014.
- 3) "DAC interfacing with 8051", International Journal of Research in Advent Technology, January 2014.
- 4) "Home automation using Raspberry Pi", IJCET.
- 5) "Home Automation System Using Artificial Intelligence, IJRASET, 2017.
- 6) "LPG leakage Detection System, IJRASET, 2018.

**PARTICIPATION IN TRAINING PROGRAM:** STTP/ FDP/ Industrial Training/ Any other

## **SHORT TERM TRAINING PROGRAMS:**

Sr.no	Name of program	Year	Duration
1.	Research Methodology & Statistical Techniques in Research	2017-18	2days
2.	Life balance: To overcome stress through yogic techniques	2016-17	1 week
3.	Stress Management and Yoga for healthy life	2016-17	1 day
4.	Seminar on Agile	2016-17	1 day
5.	HOD's Meet	2016-17	1 day
6.	Internet of Things	June 27 <sup>th</sup> -1 <sup>st</sup> July 2016	1 week
7.	IPR		2 days
8.	Advanced Internet Technologies	Jan 5-9 2015	1 week
9.	ARM mbed Platform	8 <sup>th</sup> March 2014	1 day
10.	Techniques for effective technical paper writing	30,31 <sup>st</sup> August 2013	2 days
11.	ICAC3	Jan18-19 2013	2 days
12.	Accreditation		
13.	System Modelling and Simulation	24-25 August 2012	2 days
14.	High Impact Teaching skills	1,2 <sup>nd</sup> August 2011	2 days
15.	Mission 10x Workshop	1-5 August 2011	1 week
16.	Emerging trends in Wireless Networks and Security	4-8 <sup>th</sup> July 2011	1 week
17.	Wireless Communication and Networking	13-17 July 2009	1 week

18.	Object Oriented Analysis and Design using UML with essentials of Rational Software Architect	15-18 <sup>th</sup> April 2009	1 week
19.	Introduction to Geometric Algorithms	22 <sup>nd</sup> -23 <sup>rd</sup> July 2008	
20.	Digital Image Processing with Matlab sessions	23 <sup>rd</sup> -27 <sup>th</sup> June 2008	1 week
21.	Robotics and its Applications	3-14 Dec 2007	2 weeks
22.	Software Development using UML2.0	18 <sup>TH</sup> -29 <sup>TH</sup> June 2007	2 weeks

**NPTEL Courses:**

- 1) Completed 12 week NPTEL FDP course on “Computer Organization & architecture.

**Self- initiatives:**

Started with internship for the students of the I.T department. The task is to build a central repository system for the department. The team comprises of second and third year students.

