

Mrs.Renuka Vinod Chimankare (Ph.D Pursing)

DESIGNATION Assistant Professor

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Professional Qualification:

- **Ph.D in Engineering, Pursing** Amity University Gurugram
- **Master of Electronic Engineering , 2014**
Mumbai University, Maharashtra
- **Bachelor of Electronic Engineering, 2004**
A.C.Patil Collage of Engineering, Mumbai University, Maharashtra

Short Biodata:

Currently working as assistant professor in Electronics Department. Pursing PhD in Engineering from Amity University Gurugram in topic Greenhouse, Solar energy , Agrovoltaic system ,IoT ,Machine learning algorithm.

I received my ME in Electronics Engineering stream in 2013 from SAKEC, Mumbai University. And completed my Graduate in Electronics Engineering stream in 2004 from A.C.Patil College of Engineering, Kharghar, Mumbai University. I became a faculty member in the Terna Polytechnics (August 2007 to July 2014) and Terna Engineering (July 2014 to Till Date) of the Mumbai University. I was very good both at academic courses and extracurricular activities. My area of interest is Embedded System .Having Around 15+ Years of teaching experience

Major Subjects:

1. Computer Organization.
2. Microcontrollers and Applications.
3. Digital System Design
4. Microprocessor
5. Mentor Graphics Practical's (Beyond Syllabus)

List of Publication:

Journal Publications:

1. Co –author of paper on “Mobile Robotics” written for IETE regional technical collegiate eventheld in 2004.
2. Mrs.R.V.Chimankare & Prof.Vidya Gogate, “Remote monitoring in controlling using

cascaded zigbee communication”, (International online Publication in IJETTCS. Volume 2, Issue 5 September - October 2013)

3. Mrs.R.V.Chimankare & Prof.Vidya Gogate “Cascaded communication of Zigbee for monitoring & controlling.”, (International online publication in IJERT.Vol. 2 Issue 10, October -2013)

Conferences and Workshops Publications:

1. Mrs.R.V.Chimankare & Prof.Vidya Gogate “Low cost and low power wireless network “,(International Level Conference on "Emerging trends in technology and its application" (ICETTA-2013. ISBN-978-81-923777-7-3.At Yadavrao Tasgaonakar Institute Of Engineering & Technology, chandhai, karjat dist-Raigad on 6th and7th March -2013.
2. A Review of the Growth of Flowering Plants in A Greenhouse Under Different Climatic Conditions.YMER open access scopus active 2022 ,volume 21,Issue 10,October 2022,ISSN -0044-0477

Research and Scholarly Contributions:

- **Ph.D. Research:** Design of agri-voltaic cum greenhouse for the growth of flowering plants in different plants in different climate condition in india
- **M. E. Research:** Performance of Zigbee Communication for Remote Monitoring And Control Application
 - This project implemented a cascaded zigbee approach to monitor more than one room/block/floor from a remote distance.We have implemented zigbee in master slave configuration successfully for two locations at maximum 30 m distance.

Software Tools:

8051 Ide ,Keil tool, Mentor Graphics ,labview.Matlab

Experience:

1. Assistance Professor in Terna Engineering College Nerul

Duration:From 04/07/2007 to till date

Department: Electronic department

2. Lecturer in Terna Polytechnic,Koperkhirane

Duration:From 08/08/2007 to 12/08/2011

Department:Electronic and Telecommunication department.

Duration: 13-8-2011 to 23/7/2012 brake due to reduction in load

Duration: From 24/07/2012 to 3/07/2014

Department: Electronic Engineering department.

3. Service engineer in Multicare services.

Duration: From 20 /1/2007 to 30/7/2007.

Working Experience: Servicing and maintenance of quality control instruments.

4. Graduate Apprentice trainee in MTNL for one year.

Duration From 24/04/06 to 30/1/2007

Working Experience: - Technical work related to EXCHANGE OCB 283, ADSL,FATEX, E10B, ADSL & TRIBAND, WORKING ON Software Programming ORACL 9i, UNIX, CC7 SIGNALING.

Responsibilities Handled:

1. Worked as IETE coordinator in Electronic Department.
2. Worked as a class advisor of TE electronics.
3. Worked as a Lab In charge.
4. Worked as a workshop coordinator.
5. Worked as a class advisor
6. Working as a project Coordinator in electronics department.
7. Working as an EPIC coordinator in electronics department.
8. Working as an Entrepreneurship cell NISP coordinator.
9. Working as a WDC member.
10. Prepared lesson plans on programmable logic controllers, transmission lines, microprocessor and microwave system technologies.
11. Designed curriculum as well as lab exercises for the students
12. Developed and implemented learning-outcome program assessment plans
13. Maintained proper and timely academic activities of students

Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

Renuka Vinod Chimankare

Navi Mumbai