Prof Roopali Umesh Thorat

Assistant Professor

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Address for Correspondence
201 Om Ashtavinayak ,CHS Plot 88/89
Sector -23 Juinager Navi Mumbai-400705

Professional Qualification:

➢ **Master of Engineering (Electronics Engineering), 2015**

  Ramrao Adik college of technology, Nerul, Navi Mumbai, Maharashtra (Mumbai university)

➢ **Bachelor of Engineering (Electronics Engineering), 2006**

  D.Y Patil College of Engineering, Pimpri ,Pune , Maharashtra (Pune university)

➢ **Diploma in Electronics and Radio Engineering, 2000**

  St Xaviers Technical Institute ,Mahim ,Mumbai, Maharashtra (Mumbai University)

Short Biodata:

Prof Roopali Thorat is currently as Assistant Professor in the Department of Electronics and Telecommunication Engineering at Terna Engineering College, Nerul, Navi Mumbai. She has over 8.6 years of teaching and 3 years of non-teaching Experience in company. She received her Master in Electronics from RAIT college, University of Mumbai in December 2015.She received her Bachelor's degree in Electronics Engineering from DY Patil College Pune University in June 2006. She completed her Diploma in Electronics and Radio Engineering from St Xaviers Technical Institute College, Mahim, Mumbai in April 2000.She has published 3 papers in peer-reviewed international journals and presented at international conferences. She has delivered lectures and Practical at various colleges also guided mini projects at UG level.

Patents/ Products/ Consultancy: No

Products Developed: No

Consultancy Projects: No

Major Subjects:

- ➢ Principle Of Communication Engineering
- ➢ Communication Systems
- ➢ Electromangenetic Wave Theory
- ➢ Advanced microprocessors
- ➢ Optical fiber systems
- ➢ Power Electronics and Drive
- ➢ Microwave Devices and circuits
- ➢ Web Computing and Networks
- ➢ Web Technologies
- ➢ Electronic Device and Linear Circuit

Citation Analysis:No

List of Publications:

Journal Publications:

1.Histogram Shifting Techniques for Enhancing PSNR, IQ, PCC, SNR and MAE" published in *International Journal of Advance Computational Engineering and Networking (IJACEN)* Volume 3, Issue 7.

2. Comparison of HPS and DPEHS Reversible Watermarking Method with DE Reversible Watermarking Method" in *International Journal of Technical Research and Application in Equinox* 2015.

3. Different Methods of Embedded System Hardware And Software Design" in *International Journal of Trend in Research and Development (IJTRD)* , ISSN:2394-9333,Volume 4 Issue 6, December 2017

Conferences:

1. "Histogram Shifting Techniques for Enhancing PSNR, IQ, PCC, SNR and MAE" at *International Conference on Software Technology and Computer Engineering (ICSTACE-PUNE)* on 7th June 2015 **(Winner of Excellent Paper Award)**.

2. "Comparison of HPS and DPEHS Reversible Watermarking Method with DE Reversible Watermarking Method" at *Second International Conference on Engineering Confluence(ICEC) Equinox* 2015 on 30th September 2015.

STTP & FDP Attended:

1)STTP on "Reflection Tools for Teacher's Quality "approved by ISTE Organized by Department of Human Science, Rizvi college Of Engineering.

2)STTP on "3rd Eye /New Angle of vision towards Research" approved by ISTE Organized by Department of Electronics & Electronics-Telecommunication, Rizvi College of Engineering.

3)Orientation Program on "Power Electronics & Drives" approved by A.I.C.T.E Organized by Department of Electronics, Terna Engineering College.

4)Faculty Development Program on "Business Communication" organized by TCS, Shah & Anchor Kutchhi Engineering College.

5) FDP on Building Data Analytics Applications with Cloud under Next Gen Employability Program

Online Webinars Attended: NA

Research and Scholarly Contributions: NA
Software Tools:

1. HTML,CSS ,Java Script
2. C Programming
3. MATLAB
4. Python on googlecolab
5. GNS3 Tools

Experience:

Total experience: 8 years and 6 months

➢ Present As Assistant professor in EXTC Department at Terna Engineering College, Nerul, Navi Mumbai.

➢ 6 months of Adjunct faculty in AIDS at Terna Engineering College, Nerul, Navi Mumbai.
   12th July 2024 – DEC 2024.

➢ 1 year at Shah and Anchor Kutchhi College of Engineering, Chembur ,Mumbai .
   6th July 2023– 30th June 2024: Assistant Professor.

➢ 7 years at Rizvi College of Engineering, Bandra, Mumbai
   22nd December 2007 – 15th May 2014: Assistant Professor.

Responsibilities Handled:

➢ Worked as Adjunct Faculty at Terna engineering college, Nerul, Navi Mumbai

➢ Worked as Lecturer in Shah and Anchor Engineering College, Chembur, Mumbai

➢ Worked as Project guide for mini-Project at Shah and Anchor Engineering College, Chembur, Mumbai.

➢ Worked as Junior Supervisor at Shah and Anchor Engineering College, Chembur Mumbai

➢ Worked As Admission Counselor at Shah and Anchor Engineering College, Chembur Mumbai

➢ Worked as Junior Supervisor and Moderator at Rizvi College of Engineering, Bandra Mumbai

➢ Worked as project guide for Mini Project at Rizvi College of Engineering, Bandra Mumbai

Declaration

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

Prof Roopali Thorat
Place: Navi Mumbai