**Prof. Sneha Ramchandra Burnase**

PhD- Pursuing from MCT’s RGIT , Mumbai

M.Tech. Electronics Engg., RTMNU Nagpur

B.E. Electronics & Telecommunication Engg., SGBAU, Amravati, Maharashtra

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**Designation :** Assistant Professor in Electronics & Telecommunication Department.

**Experience :** Educational: 10 Years

Industry: 6 months training- Data Science & Machine Learning from Trishana

Institute Bangalore.

**Date of Joining :**9/1/2024

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**Areas of Interest :** Image processing, Neural Networks, Machine learning.

**Publications : International Journals** **: 05**

1. Paper Published in **IEEE INCET 2023** Conference proceeding named” **Comparative analysis of Hyperspectral image classification methods.”**
2. **Paper Named “Image segmentation based on PSO and DPSO algorithms” is presented in IEEE conference ICISC 2019.**
3. Paper Named ‘**’High Dimensional Data Reduction using DWT** “Published in **IOSR** Journal in Jan 2014.
4. Paper named “Technical Era Language of Networking - EIGRP**” Published in International Journal of Engineering Science & Technology (IJEST)** having **ISSN no.: 0975-5462.**
5. Paper named “Development of Microcontroller Based Robotic Arm” is published in “**International Journal of Electronics and Communication Engg.  
    (IJECE)” by Research India Publication.**

**International Conferences : 05**

1. Attended International conference ICEI 4.0 and doctoral consortium on 21st to 23rd April 2022 at RGIT Mumbai.
2. Paper Presented in **International Conference ICNCC 2011 by IEEE** titled **“Development of a Microcontroller Based Robotics Arm – N20140”** at New Delhi, India on March 21st-23rd 2011.
3. Paper Presented in **International Conference at Anjuman College of Engg. 2014** on January 09 2014 titled Hyperspectral Image Reduction using Discrete Wavelet Transform.
4. Paper Presented in International Conference on **Industrial Automation & Computing- ICIAC-2014** on **12th & 13th April 2014**
5. Paper Presented **in Tech Wave 2014,** on **‘’High Dimensional Data Reduction Using DWT and PCA.’’**

**National Conference/ Journals : 02**

1. Paper Presented on **“Technical Era Language of the Networking – EIGRP”** in National Level Conference at NYSS college of Engg., Nagpur on 23rd – 24th Dec 2010.
2. Paper Presented on **“ROUTING CONFIGURATION USING D. V. AND L. S.”** National Level Conference under QUARK-11 at T.G.C.O.E., Nagpur on 14th – 15th Jan 2011.

**Others:**

* **Elite certification in NPTEL course** by IITG on Machine Learning and Deep Learning - Fundamentals and Applications **Nov 2023**
* **Elite certification in NPTEL course by IITM** on Introduction to machine learning in **Nov 2021**