GM University
Davanagere, Karnataka, India

Dr. Rachana P G
Assistant Professor, Department of Cyber security and Information Technology

Contact Details

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Email ID	rachanapg@gmit.ac.in
Google Scholar ID	
Scopus ID	
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Education Details – BE, MTech, PhD

Research Area – Image Processing, Artificial Intelligence and Machine Learning

Professional Experience – 1yr Industry , 4yr - Teaching

Publication Details –

1. Study on Different Approaches for Breast Cancer Detection: A Review. Springer Nature, DOI:10.1007/s42979-021-00898-w
2. Segmentation of tumour from mammogram images using U-SegNet: a hybrid approach. Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, 11(3), 387–398. 2022 https://doi.org/10.1080/21681163.2022.2072769
3. Enhancement of Mammogram Images Using CLAHE and Bilateral Filter Approaches. In book: Cybernetics, Cognition and Machine Learning Applications (pp.261-271), DOI:10.1007/978-981-33-6691-6_29.

4. Segmentation of Tumor Region from Mammogram Images Using Deep Learning Approach, ICAICR-2021
5. Estimation of Skew Angle from Trilingual Handwritten Documents at Word Level: An Approach Based on Region Props: Proceedings of ICSCSP 2018, Volume 2
6. The Novel Image based CAPTCHA for Security in Web Applications, International journal of Advance Technology in Engineering and Science. (IJATES-15), Volume 03, Issue S.I (01), April 2015.

Patents

Professional body membership

Roles and Responsibility – IQAC Associate Director, Research Coordinator, Research Supervisor, Cultural Coordinator, Virtual Labs coordinator

Faculty Development Activities – 1conducted, 3 attended

Workshops organized - 2

Workshop attended - 1

Seminar/Webinars (conducted/attended)

Project Exhibition - 2

Certification Course - 2

Achievements