



Varun Kumar &lt;varunkmr038@gmail.com&gt;

---

**ICIASC: International Conference On Intelligent And Smart Computation : Submission (399) has been created.**

1 message

**Microsoft CMT** <email@msr-cmt.org>

Wed, May 24, 2023 at 11:35 PM

Reply-To: Microsoft CMT - Do Not Reply &lt;noreply@msr-cmt.org&gt;

To: varunkmr038@gmail.com

Hello,

The following submission has been created.

Track Name: ICIASC2023

Paper ID: 399

Paper Title: CNN Based Deep Learning Method for Detecting Breast Cancer

**Abstract:**

Cancer remains one of the deadliest illnesses in the world, with almost 10 million deaths recorded in the last year alone. Breast cancer (BC) accounts for 22.6% of these fatalities, making it one of the worst cancer kinds. In India, breast cancer represents 14.7% of all cancer cases and is the main reason of cancer-related deaths. Despite numerous studies on early breast cancer detection, a significant percentage of cases remain undiagnosed, with only about 86% of cases being identified correctly. Early detection is crucial to facilitate prompt treatment initiation and reduce mortality rates. The risk of incorrect detection in cell biopsy pictures puts a person's life at danger. Easily adaptable new alternative methods for a variety of data sets, are inexpensive, dependable, and safer, and can provide an accurate forecast if urgently needed. Convolutional Neural Networks (CNNs) were proposed in this study for breast cancer identification in order to reduce the costs associated with manual analysis since deep learning techniques are revolutionizing the area of medical image analysis. The final authority on cancer diagnosis is with surgical pathologists. In the absence of a tissue diagnosis, the diagnosis of cancer cannot be reliably inferred, regardless of how high the index of clinical suspicion may be. With very few circumstances, definite cancer treatment shouldn't begin before a tissue diagnosis has been made. Understanding the issue at hand, to determine the likelihood of breast cancer, we propose a classification model using CNN.

Created on: Wed, 24 May 2023 18:04:51 GMT

Last Modified: Wed, 24 May 2023 18:04:51 GMT

**Authors:**

- [varunkmr038@gmail.com](mailto:varunkmr038@gmail.com) (Primary)
- [utkkumar8@gmail.com](mailto:utkkumar8@gmail.com)
- [yashitkumar8@gmail.com](mailto:yashitkumar8@gmail.com)

Secondary Subject Areas: Not Entered

Submission Files: Final Paper.pdf (462 Kb, Wed, 24 May 2023 18:04:21 GMT)

Submission Questions Response: Not Entered

Thanks,  
CMT team.

Download the CMT app to access submissions and reviews on the move and receive notifications:

<https://apps.apple.com/us/app/conference-management-toolkit/id1532488001><https://play.google.com/store/apps/details?id=com.microsoft.research.cmt>

To stop receiving conference emails, you can check the 'Do not send me conference email' box from your

5/27/23, 12:37 AM

Gmail - ICIASC: International Conference On Intelligent And Smart Computation : Submission (399) has been created.

User Profile.

Microsoft respects your privacy. To learn more, please read our [Privacy Statement](#).

Microsoft Corporation  
One [Microsoft Way](#)  
[Redmond, WA 98052](#)