

# A REPORT FOR FACULTY RESEARCH SEMINAR PRESENTATION ON “IMAGE PROCESSING IN CANCER DETECTION USING MACHINE LEARNING”

<b>RESOURCE PERSON</b>	:	Ms.M.Akshara, Assistant Professor – Department of CSE.
<b>PROGRAM DATE</b>	:	01.08.2023, Tuesday.
<b>VENUE</b>	:	CSE Seminar Hall, Cecilia Block, SJ CET, Thanjavur.
<b>TIME</b>	:	03:00 pm to 4:00 pm.
<b>AUDIENCE</b>	:	Students and Faculties, Department of CSE, SJ CET.
<b>OBJECTIVE</b>	:	To transform an image to digital form and perform certain operations on it in order to obtain specific models or to extract useful information from the image.
<b>OUTCOMES</b>	:	i) To interpret image storage, sampling and frequency domain processing operations. ii) To implement ML, models can be established using CNN algorithms to predict improve cancer accuracy and diagnose

## SAMPLE SCREEN SHOTS

The poster is for a Faculty Research Seminar on "Image Processing in Cancer Detection using Machine Learning". It is organized by the Department of Computer Science and Engineering at St. Joseph's College of Engineering & Technology. The seminar is scheduled for 01st August, 2023, at 03.00 pm in the CSE Seminar Hall. The resource person is Ms. M. Akshara, Assistant Professor in the Department of CSE. The poster also lists the FRSP Coordinator, HOD, Principal, and Administrator.

*Department of Computer Science and Engineering*  
*organizes*

**ST. JOSEPH'S COLLEGE**  
**OF ENGINEERING & TECHNOLOGY**  
(Affiliated to Anna University, Chennai, Approved by AICTE, NewDelhi)  
A. S. Nagar, Elupatti, Thanjavur - 613403

**Faculty Research Seminar on**  
**Image Processing in Cancer Detection using Machine Learning**

**Ms. M. Akshara**  
Assistant Professor  
Department of CSE  
St. Joseph's College of Engineering and Technology, Thanjavur

**01<sup>st</sup> August, 2023**  
**03.00 pm**  
**CSE Seminar Hall**

**Mrs. A. Marry Josi Ceciliyah** | **Mr. P. Muthamil Selvan** | **Dr. D. Shanmugasundaram** | **Rev. Sr. K. Nambikai Mary, DMI**  
FRSP Coordinator | HOD - CSE | Principal | Administrator



**Fig.No:1** Ms.M.Akshara, AP/CSE presenting the flow chart of cancer detection.



**Fig.No:2** Ms.M.Akshara, AP/CSE illustrating about the lung cancer detection.