



**CENTRE FOR MEDICAL IMAGING STUDIES**  
**GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING**

**CMIS**  
BEYOND INNOVATION

Approved by AICTE & Affiliated to AU, Visakhapatnam from 2022-2023

(Affiliated to JNTUK, Kakinada upto 2021-2022)

Accredited by NAAC at A<sup>++</sup> Grade for 7 Years in the 3<sup>rd</sup> Cycle

# SKILL BASED SUMMER INTERNSHIP PROGRAM ON AI IN HEALTH CARE

Are you ready to make this  
summer unforgettable?  
Seize this once-in-a-lifetime  
opportunity!

**APPLY  
NOW**

## WHAT'S IN INTERNSHIP FOR YOU

- ✓ Real Time Project
- ✓ Knowledge on Python
- ✓ Cutting-Edge Research
- ✓ Internship Certificate
- ✓ Hands-On Skill-Building

REGISTRATION END BY

15 May 2025

INTERNSHIP START DATE

19 May 2025

REGISTRATION FEE

2500/-

INTERNSHIP DURATION

Six Weeks  
(19-05-2025 to 27-06-2025)

MODE OF INTERNSHIP

Online (Google Meet)

For Inquiries Contact Us At :- [cmis@gvpce.ac.in](mailto:cmis@gvpce.ac.in)

**Registration link:** <https://forms.gle/LVWnHnj5uYBAEP2p9>

## About the Course & it's objectives:

The Skill-based Summer Internship Program on AI in Health Care is tailored to empower researchers, students, and professionals with the essential skills and techniques needed to leverage AI for medical image processing. Over the six weeks of the internship period, classes will be conducted five days a week and the program will delve into the fundamentals of AI, machine learning, and deep learning, focusing on their applications in analyzing medical images, including X-rays, CT scans, and MRIs. This program is designed as a comprehensive platform that discusses all the concepts from the basic level to the advanced level allowing the participants to develop automated models for real-time applications. This internship invites students, researchers, healthcare professionals, and AI enthusiasts to explore the intersection of AI and medical imaging. Participants will benefit from a combination of theoretical lectures and hands-on practical exercises using Python, a leading programming language in AI and data science.

### Objectives:

- Introduce the basics of medical image analysis and its significance in contemporary healthcare.
- Offer a comprehensive understanding of AI, machine learning, and deep learning techniques applicable to medical imaging.
- Equip participants with practical skills in image processing using Python and key deep learning frameworks like TensorFlow, Keras, and PyTorch.
- Showcase the implementation of AI algorithms for various tasks, including image classification, segmentation, object detection, and anomaly detection in medical images.
- Explore real-world applications, challenges, and ethical considerations surrounding AI in medical imaging.

## Internship Structure:



**\*\*At the end of the program an evaluation process is conducted to issue certificates with different grades to the participants\*\***

**\*\* The Google Meet link will be sent to registered participant everyday before starting of the class\*\***