CMIS
BEYOND INNOVATION

CENTRE FOR MEDICAL IMAGING STUDIES

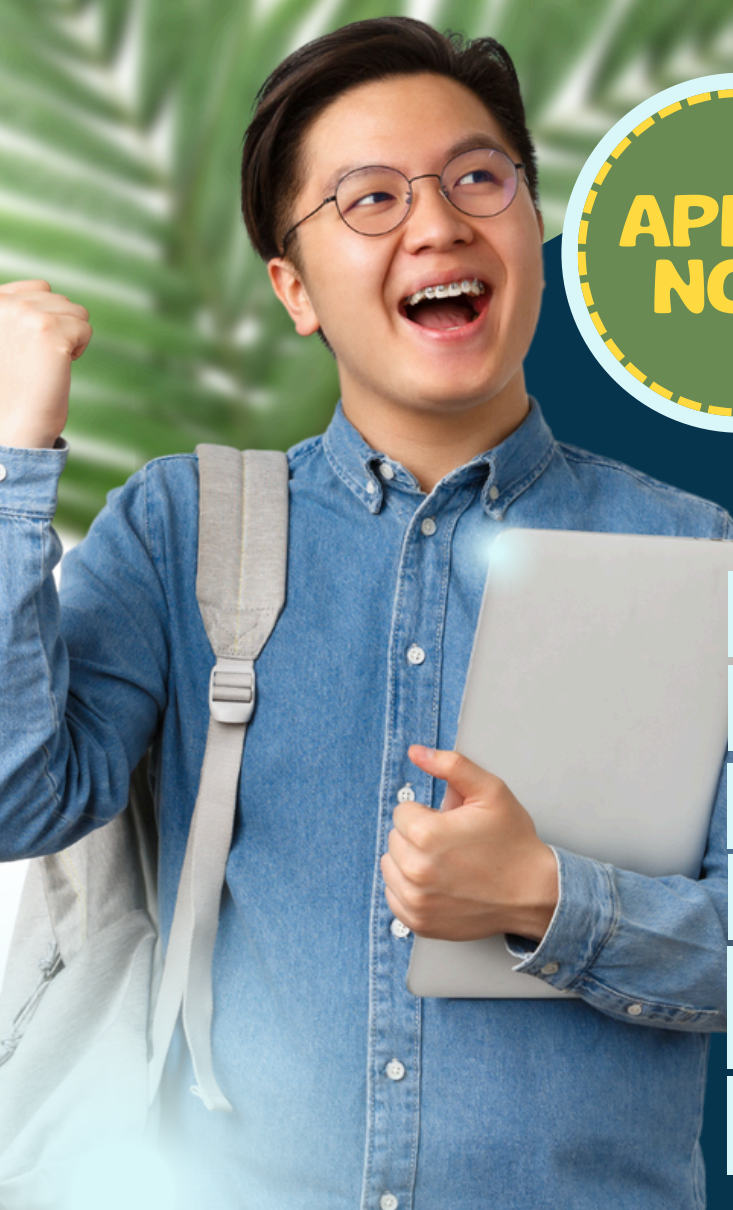
(DEPARTMENT OF ECE, GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (A), VISAKHAPATNAM, ANDHRA PRADESH)

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 Cetificate
- Hands-On Skill-Building

REGISTRATION END BY	17 May 2026
INTERNSHIP START DATE	18 May 2026
REGISTRATION FEE	2500/-
MODE OF INTERNSHIP	Online (Google Meet)
INTERNSHIP DURATION	Six Weeks (18-05-2026 to 26-06-2026)
TIMING OF INTERNSHIP	7:00 PM- 9:00 PM (IST)

Registration link: https://forms.gle/RvDzCvVg2Ug76Fif9

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 in the evening for two hours (7PM to 9PM IST) 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.

Scan to Register:

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:

WEEK-1: FUNDAMENTALS OF IMAGE PROCESSING	Build a strong foundation in digital image processing and understand medical image modalities.
WEEK-2: IMAGE PREPROCESSING & CLASSICAL ML	Learn key preprocessing and traditional machine learning techniques for medical image analysis.
WEEK-3: DEEP LEARNING BASICS	Establish a solid understanding of deep learning architectures for medical imaging.
WEEK-4: ADVANCED DEEP LEARNING	Explore advanced neural architectures for segmentation, classification, and disease detection.
WEEK-5: SPECIALIZED APPLICATIONS IN MEDICAL IMAGING	Focus on domain-specific applications and hybrid architectures for real-time diagnosis.
WEEK-6: REAL-TIME PROJECTS & DEVELOPMENT	Integrate models into real-time systems and learn how to develop them for practical applications.

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**

For Inquiries Contact Us At :- cmis@gvpce.ac.in, cmisgvp@gvpce.ac.in 8519802243, 9000405565