SIMATS ENGINEERING

Saveetha Institute of Medical and Technical Sciences
Chennai- 602105

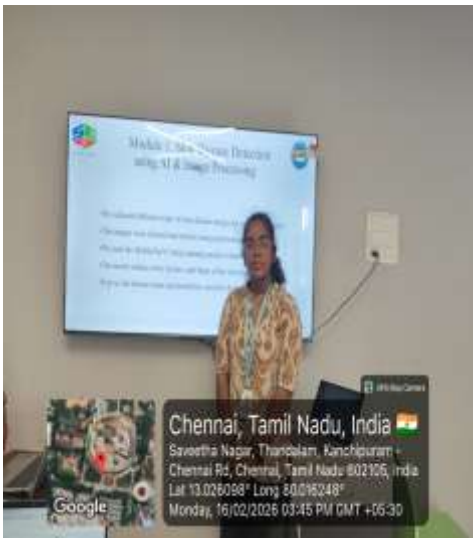
Student Name: Ch.sri Deepika **Reg. No.:192424412**

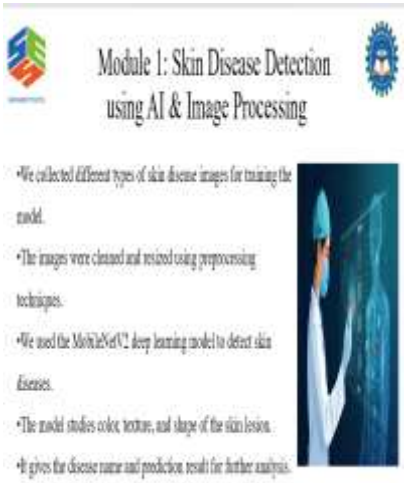
Course Code: DSA0216 **Slot:** B

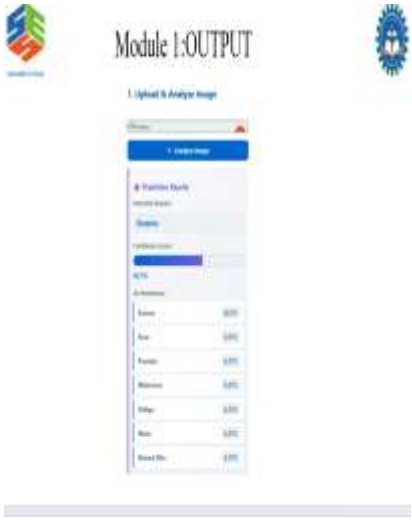
Course Name: Computer Vision with Open CV for modern AI

Course Faculty: Dr. Senthilvadivu S and Dr. T Kumargurubaran

Smart Dermatology Assistant using AI and Image Processing
Module Photographs: (3 photographs –Module Photo, Individual student contribution module work in the project and presentation image)







Project Description: (here you write what you did in this project (contribution) including Model Description

1. Early detection of skin diseases using AI-based image analysis.
2. System captures or uploads skin images for processing.
3. Pre-processing improves image quality (resize, noise removal, enhancement).
4. AI model extracts features like colour, texture, and shape.
5. Deep learning model classifies the skin disease and gives results.
6. Provides quick, low-cost, and accessible preliminary diagnosis.

Student Signature **Guide Signature**