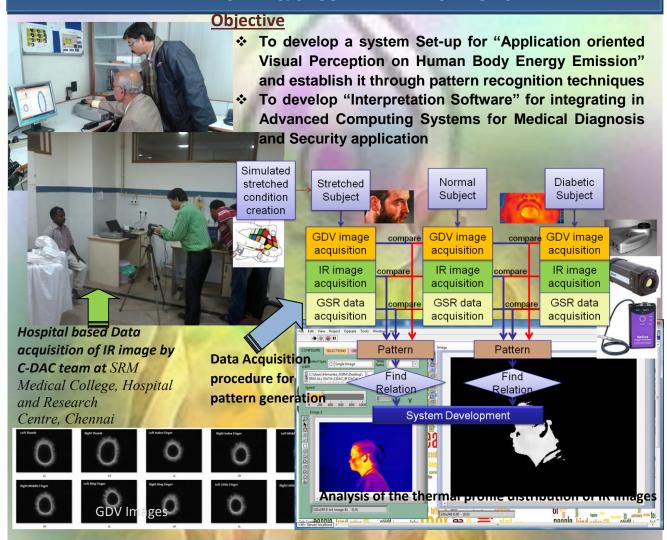
DEVELOPMENT OF COMPUTING SYSTEM FOR HUMAN BODY CONDITION ASSESSMENT BASED ON ENERGY EMISSION STUDIES FOR HEALTHCARE & SECURITY APPLICATIONS



Salient features:

- A. Health care application: 1. Differentiability between Diabetic and Non Diabetic subjects based on IR (Thermal) image analysis of selected body parts (Hand, Face, Ear, Eye etc.)
 2. Analysis of 10 finger Gas Discharge Visualization (GDV) images and Galvanic Skin Response of the same subjects for cross validation to establish a diagnostic/prognostic system.
- B. Security Application: Stress analysis of IR and GSR data in simulated condition using Stroop Test and Rubik Cube puzzle to indicate suspicious behavior of a person.



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