



Sri Chandrasekharendra Saraswathi Viswa Maha Vidyalaya University
Department of Electronics and Communication Engineering

SCSVMV/ECE/IRD/IR/086

Date: 24.03.2017

Sub: Minutes of 28th Research Colloquium meeting organized in ECE department on 23/03/17
– Regarding

1. The Department of ECE organized the 28th “Research Colloquium” on 23/03/17, Wednesday in Seminar Hall at 3.00 pm.

2. Research Scholar: Mr.B.Raja rao
External Research Scholar (ECE)

Research Topic : **LATENT FINGER PRINT MATCHING BY USING EXTENDED FEATURE SETS**

Synopsis :

Topic of Research Colloquium is an overview of the use of Latent Finger Print Matching By Using Extended Feature Sets. In this presentation, he discussed about the chapters cover the Fingerprints have been used to identify persons from the past 150 years. These are used as the most prevalent and powerful types of forensic evidence that can be recovered during the investigation of a crime , fingerprints have been routinely used for person identification in crime scenes. Latent fingerprints are the marks left at the scene of a crime that may not be immediately visible to the naked eye. It is a fingerprint left on a surface by deposits of oils and/or perspiration from the finger. Latent prints are visualized using magnesium powder, which is gently brushed over these hard and shiny surfaces in order to illuminate them.. He also discussed Fingerprint features are generally categorized into three levels. Level 1 features are the macro details of the fingerprint such as ridge flow and pattern type. Level 2 features refer to the Galton characteristics or minutiae, such as ridge bifurcations and endings. Level 3 features include all dimensional attributes of the ridge such as ridge path deviation, pores, dots, incipient ridges, breaks, scars, and other permanent details. The extended feature sets includes ridge skeletons, pores, dots and incipients.

3. File Photo of the Colloquium



4. Research Colloquium was organized by A.Rajasekaran, Assistant Professor, ECE department.

A.Rajasekaran
(Research Colloquium coordinator)

Prof Dr.J.Vaideeswaran
(HOD/ECE)

Encl:

1. Attendance Sheet.

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