



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

SCSVMV/ECE/IRD/IR/086

Date: 13.04.2017

Sub: Minutes of 29th Research Colloquium meeting organized in ECE department on 13/04/17
– Regarding

1. The Department of ECE organized the 29th “Research Colloquium” on 13/04/17, Wednesday in Seminar Hall at 3.30 pm.

2. Research Scholar: Mr.D.Muthukumar,
Assistant Professor,
Internal Research Scholar,
Department of ECE,
SCSVMV University.

Research Topic : **OPTIMIZATION OF HETEROGENEOUS COGNITIVE
WIRELESS NETWORK**

Synopsis :

Topic of Research Colloquium is an overview of the use of Optimization of Heterogeneous Cognitive Wireless Network. In this presentation, Cognitive radio technology has been developed to improve radio resource usage of the wireless network environment. Recently, various wireless services have been widely deployed, and the amount of mobile traffic is continuously and rapidly increasing. To satisfy such a high demand for mobile communications, the capacity of mobile wireless networks has to be increased, requiring additional radio-frequency bands. Optimization of the radio resource usage of the wireless network is a very important issue in the current wireless networks. The key idea of cognitive radio is to efficiently utilize limited radio resources by dynamic spectrum access. In conventional wireless systems, the radio access networks and spectrum bands are statically assigned to mobile systems. The proposed model is much useful in the increasing the covering areas of Educational conferencing and environmental monitoring.

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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