

ABOUT COLLOQUIUM

The colloquium will provide an excellent platform for knowledge exchange between researchers, scientists, academicians and engineers working in the areas of signal processing. It intends to have an interaction among researchers about various applications of digital signal processing. The program also aims to give an exposure to the trends, issues and challenges in this area.

TRACKS OF COLLOQUIUM

- I. Speech and Audio Processing
- II. Signal Processing for Communication
- III. Image and Video Processing

WORKSHOPS OF COLLOQUIUM

Two workshops are scheduled alongside colloquium,

- I. Computer Vision System Design (Mathworks, Bangalore)
- II. Hidden Markov Models (IIT Hyderabad)

ABOUT RIT

Rajiv Gandhi Institute of Technology (RIT Kottayam), established in the year 1991, is a premier engineering college run by **Govt. of Kerala**. The college is situated 15Km away from Kottayam railway station, towards east by the side of K. K. road at Nedumkuzhy. The college is celebrating its **Silver Jubilee** this year and the yearlong celebration was inaugurated by Smt. Sonia Gandhi on 30th December 2015. Recently, all the departments were accredited by the **National Board of Accreditation**. From 2015 onwards the college is affiliated to **APJ Abdul Kalam Technological University**.

ABOUT ECE DEPARTMENT

The **Department of Electronics and Communication Engineering(ECE)** was established in the year 1991. The department offers **B.Tech** in Electronics and Communication Engineering, **M.Tech.** in two specializations, and **Doctoral Programs**. The ECE department at RIT Kottayam is a sought after branch of study for the top ranked students in the State of Kerala.

The research lab named “**Centre for Advanced Signal Processing (CASP)**” at Rajiv Gandhi Institute of Technology was established in 2011 with financial assistance from **Centre for Engineering Research & Development (CERD), Government of Kerala**.

National Research Colloquium cum
Workshop

RASSIC' 16

Recent Advancements in Signal Processing for Speech, Image and Communication

August 26-27, 2016



Organized By
**Centre for Advanced Signal Processing
(CASP)**

Estd. in the CoE scheme of CERD,
Govt. of Kerala

Department of Electronics &
Communication Engineering
RAJIV GANDHI INSTITUTE OF
TECHNOLOGY,
KOTTAYAM, KERALA

Sponsored by TEQIP Phase II

www.mca.rit.ac.in/academic-calendar/ecdep/r16/

PANEL OF EXPERTS

TRACK I

Speech and Audio Processing

Dr. B. Yegnanarayana

Professor, BITS Hyderabad

Dr. K. V. V. Murthy

Professor, IIT Gandhinagar

Dr. Ajish K. Abraham

Professor, AIISH, Mysore

Dr. K. Sri Rama Murty

Assistant Professor, IIT Hyderabad

TRACK II

Signal Processing for Communication

Dr. A. Unnikrishnan

*Principal, Rajagiri school of Engg. and
Technology, Kochi*

Dr. Sooraj K Ambat

Scientist, NPOL, DRDO

Dr. Dinesh Dileep Gaurav

R&D Engineer, Microsoft India R&D, Bangalore

Dr. Amit Kumar Dutta

Principal Engineer (R &D) Cypress Ltd. Bangalore

TRACK III

Image and Video Processing

Dr. C. Chandra Sekhar

Professor, IIT Madras

Dr. C. Krishna Mohan

Associate Professor, IIT Hyderabad

Dr. Jiji C.V.

Professor, CET Trivandrum

Dr. Guruprasad S

*Audience Commns. Systems India Pvt. Ltd,
Bangalore*

PROGRAMME SCHEDULE

25 th Aug 2016	AN	Pre-colloquial Workshop Computer Vision System Design using Matlab
26 th Aug 2016	FN	Inauguration Colloquium Track I
	AN	Colloquium Track II
27 th Aug 2016	FN	Colloquium Track III Valedictory Session
	AN	Workshop on HMM

REGISTRATION FEE

Students Rs. 1000/-*

Faculty Rs. 2000/-

Others Rs. 2500/-

*Fee includes accommodation and food

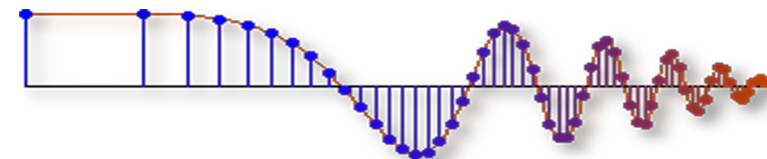
IMPORTANT DATES

Last date for registration - **19th Aug 2016**

Intimation of selection - **22nd Aug 2016**

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ADVISORY BOARD

Dr. K. Vijayakumar

Director of Technical Education, Govt. of Kerala

Dr. S.Mohan

Professor IIT Madras, Chairman BoG, RIT

Dr. A. K. Padmini

Principal, RIT

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Tomson Devis

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