

ABOUT SIG – DATA SCIENCE

The Special Interest Group – Data Science nurture the growth of micro communities within which members can network and add value to their knowledge. The main focus of SIG – Data Science is to develop innovative projects, patents, publications and dissemination of domain expertise among student and faculty fraternity.

ABOUT THE WORKSHOP

The objective of this workshop is to work on images in both spatial and frequency domains for extracting meaningful patterns from the image sequences. Participants of this workshop will get insights about ongoing research problems and methodologies in the domain of Computer Vision and Video Analytics. The session is believed to be a promising eye opener to the student and research fraternity who are keen in building technical solution to the ongoing vision problems.

SUBMISSION OF REGISTRATION

A maximum of 40 registrations are permissible on the basis of first come first served and selected candidates will be intimated through e-mail. The registration amount has to be paid in the form of Demand Draft in favor of “**KPR Institute of Engineering and Technology**”, payable at “**Coimbatore**”.

IMPORTANT DATES

Last date for submission of application : 05.09.2016
Acceptance Notification : 08.09.2016

REGISTRATION FEE

UG / PG Students / Academicians / : Rs.500
Research Scholars

RESOURCE PERSONS

1. Dr. Kumara Rajamani,
Technical Manager, Robert Bosch, Bangalore.
2. Dr. T. Senthilkumar,
Associate Professor,
Amrita Vishwa Vidhyapeetham, Coimbatore.
3. Faculty Experts of SIG – Data Science

WORKSHOP CONTENTS

Day 1

- Domain Overview
- Image Filtering
- Edge Detection
- Motion and Optical Flow
- Region Segmentation

Day 2

- Object Detection and Tracking
- Line and Curve Detection
- Shape Analysis
- Stereopsis
- Camera Modeling and Calibration
- Case Study



KPR



Institute of Engineering and Technology
Avinashi Road, Coimbatore - 641407

An Autonomous Institution
(Affiliated to Anna University Chennai)
Accredited by NBA (Civil, CSE, ECE, EEE, & Mech) &
NAAC with A grade

Two Days National Level Workshop on
“Computer Vision and Video
Analytics”

on

13th & 14th September 2019



Organized by
Special Interest Group - Data Science

Department of
Computer Science and Engineering

In Association with
Analytics Society of India

Bangalore



Analytics
Society of India

ABOUT THE INSTITUTION

The KPR Institute of Engineering and Technology (KPRIET) was established in the year 2009. The institution is promoted by KPR Group, a renowned business house in India with interest in Textiles, Wind Energy and Sugar. The main focus is to offer quality education to the younger generation to strengthen our nation in the field of Engineering and Technology. Our institution is approved by AICTE and affiliated to Anna University, Chennai, and accredited by NAAC with A grade. The Institution offers 7 UG courses and 4 PG courses. Our vision is to become a premier Engineering and Technological Institute of Academic excellence through its commitment in offering value-based education to the students and to improve their Technical, Intellectual and Professional skills in order to enable them to meet the diverse needs and challenges of the society, the Nation and the World at large.

ABOUT THE DEPARTMENT

The department of CSE is offering both UG & PG degree program. UG program was started in the year 2010 with an intake of 60 and now the department holds an increased intake of 180. The department has six laboratories and internet facility is provided throughout the campus by both wired and Wi-Fi connectivity. The department has a well-planned infrastructure and focused towards growth oriented departmental activities such as organizing seminar, workshop, FDP and etc.

ORGANIZING COMMITTEE

Chief Patron : Shri. K.P. Ramasamy
Chairman

Patron : Dr. A. M. Natrajan
Chief Executive
Dr. K. Bommanna Raja
Principal

Convener : Dr. M. Akila
Professor & Head / CSE

Coordinators : Dr. N. Yuvaraj, AsP / CSE
Mr. K. S. Gautam, AP / CSE
Ms. K. R. Sri Preethaa AP / CSE
Ms. R. Indhu AP / CSE
Ms. G. Jenifa AP / CSE
Mr. K. Kamaraj AP / CSE

ADDRESS FOR CORRESPONDENCE

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Tamilnadu.

CONTACT

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For Online registration refer: www.kpriet.ac.in



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REGISTRATION FORM

Name :
Designation/Dept :
Institution/Organization :
Educational Qualifications :
Address for
Communication :
Mobile Number :
E-mail ID :
Payment Details :
DD. No. :
Amount :
Date :
Bank Name :

Signature of participant

SPONSORSHIP CERTIFICATE

**Mr/Ms/Dr _____
_____ is an employee /student of
our Institute/Organization and is hereby sponsored. She
/He will be permitted to attend the programme in full.**