

ABOUT THE UNIVERSITY

Anna University was established on 4th September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities. Anna University is of the affiliated type and is a member of the Association of Indian Universities, the Association of Commonwealth Universities and Partner of UNESCO International Center for Engineering Education (UICEE). With proven capabilities both in academic and research areas, Anna University was able to impart quality and excellence in Technical Education. Anna University has four Regional Campus at Coimbatore, Madurai, Tiruchirapalli and Tirunelveli to sphere head the academic activities throughout the state.

ABOUT THE CAMPUS

The Anna University Regional Campus Coimbatore was initially established by Government of Tamil Nadu at Jothipuram, Mettupalayam Main Road, Coimbatore in the year 2007. Later it was shifted to under the foothills of Maruthamalai at Maruthamalai Main Road, Coimbatore in the year 2015. The campus has ten PG Departments and offers twenty one PG programmes in several Engineering & Technology disciplines on both full time and part time modes. It also offers the MBA and MCA programmes. The campus successfully produced Ph. D. and M. S. (By Research) scholars in various Engineering disciplines and Management studies through our faculty members on both full time and part time modes under Anna University, Chennai.

Two Days Hands-on Workshop

on

IMAGE PROCESSING USING OPENCV

03rd & 04th MARCH 2017



Organized By

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ANNA UNIVERSITY REGIONAL CAMPUS, COIMBATORE

Maruthamalai Main Road
Coimbatore – 641046

ORGANIZING COMMITTEE

Chief Patron:

The Vice Chancellor
Anna University, Chennai

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Dr. S. Ganesan
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Anna University, Chennai

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Dean-Regional Campus
Anna University Regional Campus, Coimbatore

Coordinator:

Dr. V. R. Vijaykumar
Associate Professor / Dept. of ECE
Anna University Regional Campus, Coimbatore

Co-ordinators:

1. Dr. S. Saravanakumar, AP/ECE
 2. Dr. R. Vijayabhasker, AP/ECE
 3. Dr. V. Bhanumathi, AP/ECE
 4. Dr. N. Kumaresan, AP/ECE
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CONTACT ADDRESS

For any queries and to send completed registration forms:

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ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2007. The Department offers M.E degree courses in Applied Electronics, Communication Systems, and VLSI Design both full time and part time mode. The Department was took part in the MoU with the Texas instruments. The Department is well equipped with excellent infrastructure and state-of-the-art equipment to explore the technological challenges in the areas of Electronics, Communication Networks, VLSI Design, Signal Processing, ASIC Design, RF Design and Digital System Design.

ABOUT THE WORKSHOP

Digital Image Processing and Computer Vision is becoming increasingly important with the rapid growth of multimedia technology. The objective of this workshop is to discuss the state-of-the-art algorithms in image processing. In addition to that, all the algorithms will be implemented in OpenCV platform which is a open source computer vision software. This workshop will certainly help students and research scholars to capture a deeper understanding in the area of digital image processing and computer vision with the help of OpenCV. Also this workshop provides an excellent opportunity to exchange ideas on the topic of importance along with thought provoking technical sessions.

WHO SHOULD ATTEND

The final year UG & PG students, Research scholars and faculty members from various engineering colleges and Universities who are doing projects/research in the area of Image Processing and Computer vision. The industry personnel who have interest in the topic are also welcome.

TOPICS TO BE COVERED

- **Basics of Image Processing**
 - ❖ **Reading and writing**
 - ❖ **Image cropping, resizing and splitting**
 - ❖ **Morphological operations**
 - ❖ **Denoising and Deblurring**
 - ❖ **Gradient Edge Detection**
- **Image Descriptors.**
 - ❖ **Local Binary Pattern**
 - ❖ **Key point Detectors.**
 - ❖ **SIFT**
- **Image Classification.**
 - ❖ **k- Nearest Neighbour Classification**
- **Machine Learning.**
 - ❖ **Support Vector Machine**
 - ❖ **Random Forests.**

RESOURCE PERSONS

Experts from Academic and Industry background having rich experience in the domain.

REGISTRATION PROCEDURE

- Registration for the workshop can be done using the following online link:
<https://goo.gl/forms/8r6rSq1FLgoCn7Yn2>.
Only this online submission will be considered for selection; any other mode of registration will not be entertained.
- After registration, an e-mail with the registration form is send to the registered participant's E-mail.
- To complete the registration form, it needs to be send to the coordinator through post or courier

along with the payment receipt and the soft copy of the same should be send to the mail id: aucbeece@gmail.com.

- Selection of the candidates will be intimated by E-mail only. The participants must needs to be confirming their participation through E-mail.
- The registration is strictly restricted to 40 members only and the participants will be selected on first come first serve basis.
- No TA/ DA will be paid.
- For spot registration, contact coordinator.

REGISTRATION FEE DETAILS

UG/ PG Students	: ₹ 750/-
Research Scholars/ Faculty Members	: ₹ 1000/-
Industry delegates	: ₹ 1250/-

The participants can remit their registration fee through either on DD or online payment.

DD should be drawn in favor of

“COORDINATOR ECE”

Payable at Coimbatore, Tamil Nadu, India

FOR ONLINE PAYMENT

Account Name	: COORDINATOR ECE
Account No.	: 824651275
Bank	: INDIAN BANK, VADAVALLI
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Branch Code	: 00V087
MICR Code	: 641019027

IMPORTANT DATES

Last Date for Registration	: 27th FEBRUARY, 2017
Intimation for Selection	: 28th FEBRUARY, 2017
Confirmation by Participant	: 28th FEBRUARY, 2017