

## ABOUT THE UNIVERSITY

Anna University was established on 4<sup>th</sup> 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, Tiruchirappalli and Tirunelveli to sphere head the academic activities throughout the state.

## ABOUT THE CAMPUS

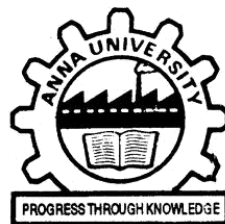
The Anna University Regional Campus Coimbatore was established by Government of Tamil Nadu in the year 2007. The Green Campus is spreaded around 130 acres of land under the foothills of Maruthamalai Temple at Maruthamalai Main Road, Coimbatore. The campus has ten PG Departments and offers twenty one 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 producing competent M.E, 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 Workshop

on

## OPTIMIZATION TECHNIQUES FOR IMAGE PROCESSING APPLICATIONS

22<sup>nd</sup> & 23<sup>rd</sup> SEPTEMBER 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

### Patron:

Dr. S. Ganesan  
Registrar  
Anna University, Chennai

### Chairman:

Dr. M. Saravanakumar  
Dean-Regional Campus  
Anna University Regional Campus, Coimbatore

### Coordinator:

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

### Co-Coordiators:

1. Dr. S. Saravanakumar, AP/ECE
  2. Dr. R. Vijayabhasker, AP/ECE
  3. Dr. V. Bhanumathi, AP/ECE
  4. Dr. N. Kumaresan, AP/ECE
- Anna University Regional Campus, Coimbatore

## CONTACT ADDRESS

For any queries and to send completed registration forms:

**Dr. V. R. Vijaykumar**

Coordinator

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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 has signed MoU with the Texas instruments and Altera Corporation limited, Bangalore. 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, Embedded Technology, RF Design and Digital System Design.

## ABOUT THE WORKSHOP

The Digital Image Processing is increasingly important with the rapid growth of multimedia technology. The objective of this workshop is to discuss the state-of-the-art for image processing application using optimization technique. In addition to that, all the algorithms will be explained theoretically and implemented in MATLAB. This workshop will certainly help students and research scholars to capture a deeper understanding in the area of digital image processing using optimization techniques. 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 using optimization techniques applications. The industry personnel who have interest in the topic are also welcome.

## TOPICS TO BE COVERED

- Introduction to Optimization techniques.
- Image Processing Applications using Single objective function.
  - Genetic Algorithm.
  - Partical swarm optimization technique.
- Image Processing Applications using Multiple objective function.
- MATLAB Implementation.

## 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/BgWyOBwrEQLxLQuJ2>
- 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](mailto: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	: <b>COORDINATOR ECE</b>
Account No.	: <b>824651275</b>
Bank	: <b>INDIAN BANK, VADAVALLI</b>
NEFT – IFSC Code	: <b>IDIB000V087</b>
Branch Code	: <b>00V087</b>
MICR Code	: <b>641019027</b>

## IMPORANT DATES

Last Date for Registration	: <b>18<sup>th</sup> SEPTEMBER, 2017</b>
Intimation for Selection	: <b>19<sup>th</sup> SEPTEMBER, 2017</b>
Confirmation by Participant	: <b>20<sup>th</sup> SEPTEMBER, 2017</b>