



Anna University was established on 4 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 therefrom, 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).



The College of Engineering Guindy (the oldest Technical Institution in India, started by British in 1794) was first to introduce B.E. course in Electrical Engineering (1932). This year, the College of Engineering, Guindy has entered into its 225 year of celebrations. The Department of EEE has been a pioneer in the field of Electrical and Electronics Engineering, with core Research and Development in Power Apparatus and Systems for many decades. The Department offers one UG programme in full time and one in part time (for practicing engineers), six PG programmes in full time and three in part time. Ph.D. research programme in full time and part time is offered in the various PG specializations of Electrical Engineering.

Anna University in collaboration with Ryerson University, Canada has established an Urban Energy Centre (AURU UEC) in December, 2011. AU-RU UEC mainly focuses its research on Power and Energy Management, Smart Grids, Energy Storage, Distributed Generation and Electric vehicles.

ORGANISING COMMITTEE

- Chief Patron** : Prof. Dr. M. K. Surappa
Vice Chancellor
- Patrons** : Prof. Dr. L. Karunamoorthy
Registrar
- Prof. Dr. T. V. Geetha
Dean. CEG
- Chair** : Dr. S. Chandramohan
Professor & Head,
Department of EEE
- Co-ordinators** : Dr. M. Vijayalaxmi
Assistant Professor
Department of EEE
- Mr. V. Jaimurugan
Product Manager
Edutech India Private Limited
Chennai

VENUE

EDISION X HALL

Department of Electrical & Electronics Engineering,
CEG, Anna University, Chennai.

Important Dates

- Submission of application** : 31.12.2019
- Intimation of selection** : 03.01.2020
- Confirmation by participants** : 07.01.2020
- DD Should be received on or before** : 10.01.2020



Two Days workshop on "Real-Time Control Systems with RCP Interfacing"

(23.01.2020 & 24.01.2020)

CEG, Anna University, Chennai
in association with
EDUTECH INDIA PRIVATE LIMITED, CHENNAI



CO-ORDINATORS

Dr. M. Vijayalaxmi

Asst Professor, Dept. of Electrical & Electronics Engineering
Anna University, Chennai-25

Mr.V. Jaimurugan

Product Manager
Edutech India Private Limited, Chennai



Organized by
Department of Electrical & Electronics Engineering
College of Engineering, Guindy
Chennai-25

BACKGROUND AND OBJECTIVES

Modelling and control lie at the core of emerging technological break throughs. From drones to reusable rockets to self-driving vehicles, the fundamentals of modelling & control are critical skills for engineers to compete and innovate. The classic progression of control systems education begins with the fundamentals of modelling and designing control plants for linear systems. The modern industrial systems that are fundamental to modern automation and manufacturing process require specialized control system to perform and manage their daily operations. The modern approach to control systems takes a state space approach to the design of controllers and it allows the creation of precise controllers for complex systems with higher order dynamics. Some of the most exciting emerging technologies require the design of controllers for unstable systems.



RESOURCE PERSONS

Mr. Michael Levis

Senior Application Engineer, Quanser, Canada

Dr. B. Uma maheshwari

Professor/ DEEE, CEG, AU

Dr. Ramkrishna Pasumarthy

Associate Professor,
Department of Electrical Engineering, IIT, Madras

Dr. Vinodh Kumar. E

Associate Prof/ Department of Control & Automation,
School of Electrical Engineering, VIT, Vellore

Dr. M. Vijayalaxmi

Assistant Professor/ DEEE, CEG, AU

Mr. V. Jaimurugan

Product Manager, Edutech India Pvt Ltd, Chennai

WORKSHOP HIGHLIGHTS

- Fundamentals of modelling and design of controllers for physical systems
- Advanced control systems for modern automation and manufacturing process
- Hands on training on modelling and design of controllers with
 - o Rotary Servo Base Unit
 - o Inverted Pendulum
 - o Active Suspension
 - o 2 DOF Helicopter
 - o Unmanned Ground Vehicle Qbot2
- Emerging trends in real time control systems with RCP interfacing

FILLED IN REGISTRATION FORM TO BE SENT TO:

E-Mail: ciceg2019@gmail.com

ELIGIBILITY

This program will be open to all Research Scholars, Faculty Members and Delegates across India

REGISTRATION DETAILS

Registration Fee: Rs.1000/- per delegate
(Lunch, Tea/Snacks & Participation Certificate will be provided)

The DD should be drawn in favour of
"The Head of the Department, Department of EEE"
Anna university, Chennai - 600 025",
Payable at Chennai.

Only selected participants after intimation should send the DD on or before 10.01.2020

Outstation candidates will be given accomodation on request at their own expenses.

ADDRESS FOR CORRESPONDENCE

Dr. M. Vijayalaxmi

ASSISTANT PROFESSOR, DEPT. OF EEE
ANNA UNIVERSITY, CHENNAI-25
E Mail: ciceg2019@gmail.com
Phone: 044 2235 7802, 95000 99175

REGISTRATION FORM

Department of Electrical & Electronics Engineering
College of Engineering, Anna University
Chennai-600025

Two Days workshop on "Real-Time Control Systems with RCP Interfacing"

(23.01.2020 & 24.01.2020)

NAME:

DESIGNATION:

QUALIFICATION: GENDER: M / F

DEPARTMENT:

INSTITUTE:

E-MAIL:

MOBILE NUMBER:

ADDRESS:

DECLARATION

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct of Anna University.

Place:

Date:

Signature of the Applicant

SPONSORSHIP CERTIFICATE

This is to certify that _____ is regular employee of our Institution and is hereby sponsored for the two day hands-on workshop at DEEE, CEG, AU, Chennai-25. He/She will be permitted to attend the course for the _____ entire _____ duration _____ if _____ selected.

Place:

Date:

Attestation by the Principal / HOD with Seal