

REGISTRATION FEES: Rs. 300 /-

Completed application forms should reach us by 05th September 2017 through email to the Co-ordinators. Selected candidates will be intimated by 06th September 2017.

DECLARATION

I, _____
agree to abide by the rules and regulations governing the training programme. If selected, I shall attend the programme for the entire duration. I undertake to inform the co-ordinator well in advance in case I am unable to attend the course. The information provided herewith is true to the best of my knowledge

Place:

Date:

Signature of the Applicant

ORGANIZING COMMITTEE

CHIEF PATRONS

Thiru.S.A. Subramanian,
Chairman, JCTCET

Shri.R.Durga Shankar
Secretary, JCTCET

PATRON

Dr.G.Ramesh,
Principal, JCTCET

CONVENER

Dr.V.J.Arulkarthick,
Prof & Head / ECE

Resource Person

Mr.Athiesh Kumar,
Application Engineer,
Altair India Ltd., Bengaluru

Co-Ordinators

Mrs. Jasmine J.C Sheeja, AP/ECE
Mr.J.S.Dolian, AP/ECE

IMPORTANT DATES

Receipt of Application: 05 / 09 / 2017
Intimation of Selection: 06 / 09 / 2017

ADDRESS FOR CORRESPONDENCE

For any queries please contact:

Mrs. Jasmine J.C Sheeja

Department of ECE
JCT College of Engineering and Technology
Pichanur, Coimbatore (D.T) - 641105,
Tamilnadu, India

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Email: jasmine.jc@jct.ac.in, dolian.js@jct.ac.in



JCT College of Engineering and Technology
Pichanur, Coimbatore – 641105
(An ISO 9001:2008 Certified Institution)

**Department of
Electronics and Communication Engineering**

Organises

**ONE DAY
FACULTY DEVELOPMENT
PROGRAMME**

On

**“MODEL BASED SYSTEM DESIGN IN
ENGINEERING APPLICATIONS AND
RESEARCH”**

Date: **07th SEPTEMBER 2017**

In association with

Altair India Ltd., Bengaluru



Altair

Phone : 0422 2636900
Fax : 0422 2636901
Website: www.jct.ac.in

ABOUT THE INSTITUTION

The College was established by the Shri Jagannath Educational Health and Charitable Trust, a charitable organization in the academic year 2009-2010. JCT College of Engineering and technology is an ISO 9001:2008 certified institution, Approved by AICTE, New Delhi and affiliated to Anna University, Chennai. JCTCET is in its ninth successful year and it is marching ahead towards achieving the vision and mission of our chairman Shri. S.A. Subramanian, under the guidance of our secretary Shri. S.Durgashankar, and our beloved principal Dr. G.Ramesh. The human resource is the pillar of strength to the institution with the dedicated and committed faculty member to impart quality education to student community. JCTCET has a unique focus on integrating the day's knowledge with modern scientific practices with a global output. The college offers nine U.G courses and four P.G courses.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering is committed to provide the state-of-art technical education to the tomorrow's technocrats through dedicated quality teaching. Our department laboratories are equipped with latest technology hardware and software in the field of VLSI, Embedded system, Digital signal processing, Analog and digital communication, Optical Fiber, Microwave, and Electronics system Design Laboratory. The department has excellent infrastructure facilities with highly qualified and devoted faculty members specialized in the areas like VLSI, Embedded systems, Optical Communication, Communication systems and Applied Electronics.

ABOUT THE LOCATION

The college is situated in Pichanur, Velandhavalam road, 5 kms from KG Chavadi and 18 Kms from Coimbatore Central Bus stand. The nearest railway station is Coimbatore junction.

TOPICS OUTLINE

- Introduction to MBD using sT Embed
- Hands-on C2000 controllers using sTEmbed
- Using HIL concept for blinking an LED with variable PWM signals
- Serial Loopback for explaining UART Serial Transmitting & Receiving.
- Understanding about ADC using Temperature sensor / POT.
- PWM Control for Motor Applications using sT Embed.
- Sensored field oriented (FOC) control of a non-salient PM motor
- Real time PM motor control laboratory exercises using solidThinking EMBED
- Open loop voltage & frequency control.
- PIL using InstaSPIN-FOC, real-time control and EMBED

ABOUT ALTAIR

Altair is a leading provider of enterprise-class engineering software enabling innovation, reduced development times, and lower costs through the entire product lifecycle from concept design to in-service operation. Our simulation-driven approach to innovation is powered by our integrated suite of software which optimizes design performance across multiple disciplines encompassing structures, motion, fluids, thermal management, electromagnetic, system modeling and embedded systems, while also providing data analytics and true-to-life visualization and rendering.

ELIGIBILITY AND SELECTION

Faculty and PG scholars from AICTE approved Institutions. The total intake is 30 and selection will be based on first come first serve basis.

TRAVEL AND ACCOMODATION

No TA / DA will be provided. Accommodation will be provided for external participants in the college premises.

ONE DAY FACULTY DEVELOPMENT PROGRAMME

On

“MODEL BASED SYSTEM DESIGN IN ENGINEERING APPLICATIONS AND RESEARCH”

Date: **07th SEPTEMBER 2017**

Registration Form

Name:

Designation:

Institution:

Department:

Address for Communication:

Phone no:

E-mail:

Qualifications:

Experience:

Place:

Date:

Signature of the Applicant