

## HOW TO APPLY

Interested candidates have to send, scanned copy of the Registration form duly certified by the Head of the Institution, to the STTP mail, ✉ sttpjee@jecc.ac.in, so as to meet the important dates specified.

### REGISTRATION FEE

Faculty	: ₹ 1,000/-
PG Scholars	: ₹ 700/-

## IMPORTANT DATES

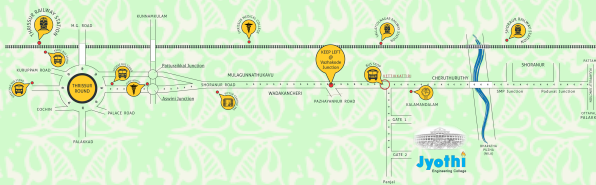
Submission of Scanned copy of duly signed registration form via email	30 <sup>th</sup> December, 2016
Intimation to Selected Participants	3 <sup>rd</sup> January, 2017
STTP Date	11 <sup>th</sup> - 13 <sup>th</sup> January, 2017

## HOW TO REACH

### COLLEGE ADDRESS

Jyothi Engineering College, Jyothi Hills,  
Vettikkattiri P O, Cheruthuruthy, Thrissur  
Kerala – 679531  
☎ 04884 274198, 04884 274423

### ROUTE MAP



## ORGANIZING COMMITTEE

### CHIEF PATRON

**His Grace Mar Andrews Thazath,**  
Arch Bishop of Archdiocese of Thrissur

### PATRONS

**Msgr. Thomas Kakkassery,** Manager, JECC  
**Fr. Roy Joseph Vadakkan,** Asst. Manager (A & A), JECC  
**Fr. Joju Chiriyankandath,** Asst. Manager (F), JECC  
**Fr. Jinto Pereppadan,** Asst. Manager (P) & PRO, JECC

### ADVISORY COMMITTEE

**Dr. K. K. Babu,** Principal, JECC  
**Dr. Rijil Ramchand,** Associate Professor, NIT Calicut  
**Dr. M. Nandakumar,** Professor & Head, GEC Thrissur  
**Dr. Subash,** IEEE Photonics, Madras Section Chairperson  
**Er. Thomas Mathew,** Administrator, JECC  
**Er. Boby Peter,** Asst. Administrator, JECC

### CONVENOR

**Prof. Ratnan P.,** HoD, Dept. of EEE

### COORDINATORS

**Dr. Jarin T.,** Associate Professor, Dept. of EEE  
☎ 0 9626 623 332 ✉ jarint@jecc.ac.in  
**Mr. Shijoh V.,** Assistant Professor, Dept. of EEE  
☎ 0 9544 900 980 ✉ shijohv@jecc.ac.in  
**Ms. Della David,** Assistant Professor, Dept. of EEE  
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**Jyothi Engineering College**  
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University  
NAC Accredited college with NRI Accredited programmes  
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR  
JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR PIN-679531 PH: +91-4884-259000, 274423 FAX: 04884-274777  
www.jecc.ac.in | E-mail: info@jecc.ac.in



## SHORT TERM TRAINING PROGRAMME

on

## “RESEARCH METHODOLOGY”

11<sup>th</sup> - 13<sup>th</sup> January 2017

Organized By

DEPARTMENT OF  
ELECTRICAL & ELECTRONICS  
ENGINEERING

Technically equipped with  
IEEE PHOTONICS SOCIETY

in Association with



Indian Society for Technical Education (ISTE)

JECC Chapter (KE-045)

## ABOUT THE COLLEGE

Jyothi Engineering College, Cheruthuruthy under Thrissur Educational Trust founded by the Catholic Archdiocese of Thrissur, started functioning at Cheruthuruthy in the year 2002. Jyothi Engineering College is a Center of Excellence in Science & Technology run by the Catholic Archdiocese of Thrissur. With a visionary management, a team of dedicated faculty and a set of devoted staff and with the comparable infrastructural and instructional facilities in a quiet and studious rural environment, Jyothi has emerged as a Model among the self financing colleges in Kerala. Within a decade it has achieved an envious position as the fourth best Engineering College in the State and stands third among the Engineering Colleges affiliated to the University of Calicut. Recently the college is **NAAC Accredited**.

## ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering started its journey in the year 2002 and is committed to a tradition of excellence in teaching, Research and Consultancy service. With well qualified, devoted and dedicated team of teaching and non teaching members of staff, the Department is **NBA Accredited**. The Department always strives for imparting Quality Technical Education for the Under Graduate & Post Graduate Program (M.Tech in Power Electronics) so as to enable the students competent enough to meet the challenges of globalization with the state-of-the art equipments and laboratories and good interaction with industries.

## ISTE JECC CHAPTER

ISTE Chapter of JECC is very active and has bagged Best Emerging Chapter Award from ISTE Kerala Section and regularly organizes ISTE Sponsored Faculty Development programs for the benefit of members of Faculty all over India.

## COLLEGE VISION

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

## COLLEGE MISSION

- To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-of- the-art facilities.
- To equip the students with appropriate skills for a meaningful career in the global scenario.
- To inculcate ethical values among students and ignite their passion for holistic excellence through social initiatives.
- To participate in the development of society through technology incubation, entrepreneurship and industry interaction.

## DEPARTMENT VISION

To become a centre of excellence in electrical and electronics engineering through high quality technical education with emphasis on holistic excellence.

## DEPARTMENT MISSION

To inculcate ethical professionalism through value based quality education as to equip the students with appropriate skills for a meaningful career and holistic excellence and promote creative engineering ideas for the benefit of the society.

## OBJECTIVES OF STTP

The Objective of the Program is to give the participants a basic understanding of Research Methodology and their utility, thereby enhancing their potential to conduct the research activities. Participants will get motivated to publish in top-notch journals by understanding the expectations of editors in such journals.

## RESOURCE PERSONS

- **Dr. C. Krishna Mohan**  
Associate Professor, IIT Hyderabad.
- **Dr. T. D. Subash**  
IEEE Photonics, Madras Section Chairperson
- **Dr. S. Sunitha**  
Asst Prof., School of Mangement Studies, NIT Calicut.
- **Dr. C. Arunachalaperumal**  
Professor, S. A. Engineering College Chennai.

## MAJOR PROGRAMME CONTENTS

Overview of research – Types of Research – Characteristics of good Research – Challenges in Identifying Research Problem – Literature Review – Phases involved and presentation of Literature Review – Identification of Research Gap – Defining Problem statement – Research Design – Research Hypothesis Formulation – Statistical Tools –Test of Hypothesis – Correlation and Regression Analysis – Numerical Modeling – Simulation – Optimization – Error Estimate Analysis – Preparation of Research Reports – Developing Research Proposals for Acquiring Grants from Different Funding Agencies – Preparation of Technical Papers – Journal / Conference Selection for Publication – Overview of Journals, Indexing, Citation, Ethics, Plagiarism etc.