



## DECLARATION OF THE CANDIDATE

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the programme

Place: \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of the candidate

## SPONSORSHIP

Mr./Ms./Dr./Prof..... is an employee of our institution and hereby sponsored. He/She will be permitted to attend the programme, if selected

Date: \_\_\_\_\_ Signature of the  
Sponsoring Authority with Office Seal

## ADDRESS FOR COMMUNICATION

**Prof. G. Glan Devadhas PhD**  
Convenor  
AICTE Sponsored Six Days STTP on  
“ ENGINEERING EDUCATION-A TRANSDISCIPLINARY APPROACH IN  
ENGINEERING”  
Department of Electronics and Instrumentation Engineering

**VIMAL JYOTHI ENGINEERING COLLEGE**  
CHEMPERI, KANNUR DIST., KERALA  
PIN CODE - 670632  
CELL NO: 9207240592  
WEBSITE: www.vjec.ac.in  
E-MAIL : ei\_events@vjec.ac.in

## MAJOR TOPICS

Modern Engineering Tools  
Translational Engineering  
Transdisciplinary Model  
Artificial intelligence approach  
Multidisciplinarity

## ELIGIBILITY

Faculty from AICTE approved Institutions can participate in the programme.  
The selection will be based on first come first served basis

## REGISTRATION FEE

The registration is free for faculty members from AICTE approved Institutions. Participants are requested to fill the registration form and send it to the address mentioned below. Registration will be confirmed only after receiving the duly signed registration form by sponsoring authority. Scanned copy of the filled registration form can be sent to [ei\\_events@vjec.ac.in](mailto:ei_events@vjec.ac.in)

## RESOURCE PERSONS

Sessions will be handled by Faculty experts from IITs/NITs and experts from R&D/Industry

## ACCOMMODATION

Boarding and lodging will be arranged in the institute guest house. Travel Allowance will be provided as per AICTE guidelines

## IMPORTANT DATES

Selection will be based on first cum first serve basis through E-mail  
**LAST DATE FOR RECEIPT OF APPLICATIONS: 12-07-2019**  
**INTIMATION OF SELECTION: 13-07-2019**

AICTE SPONSORED  
**SIX DAYS SHORT TERM TRAINING PROGRAMME**  
ON

# ENGINEERING EDUCATION A TRANSDISCIPLINARY APPROACH IN ENGINEERING

ORGANIZED BY  
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

SPONSORED BY



AICTE-NEWDELHI

FROM  
**16<sup>TH</sup> JULY**  
TO  
**21<sup>TH</sup> JULY**  
**2019**



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### A BRIEF HISTORY ABOUT THE COLLEGE

Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery established in the year 2002 and is managed by Meshar Diocesan Educational Trust. The college is approved by AICTE and affiliated to API Abdul Kalam Technological University (KTU). VJEC is a self-financing Catholic minority institution aiming at generating a fervor for Engineering and Technology in students. With profound insight into the resource requirements of the higher education system, VJEC has proudly set up a world class infrastructure complemented with intellectual capital in the form of competent faculty. Many of the facilities are way beyond the regulatory requirements aiming for learning beyond the syllabus to address the requirements of the industry. These material facilities along with value addition programs and student support systems are the integral facets of empowerment at VJEC. Digital library, industry-supported project labs, language lab, and student chapters of professional bodies such as IEEE, ISOI, IETE, SAE, ISA, CSI offer an extensive range of resources, opportunities and services to the outcome based teaching learning process. Vimal Jyothi Engineering College is a NAAC and IEI accredited institution and two branches are accredited with NBA.

### ABOUT THE DEPARTMENT

The Department of Electronics and Instrumentation Engineering was established in the year 2005 under Kannur University with a B.Tech Programme in Applied Electronics and Instrumentation Engineering. The M.Tech program in Control and Instrumentation was started in the year 2013. The department has two Professors, two Associate Professors and ten Assistant Professors supported by two members of the non-teaching staff. The department has an admirable staff-student ratio of 1:15. The department conducts various programmes to enhance the inherent potential of the student. The department has MoU with industries in-order to make our students employed in core industries. The department has 100 percent placement record for the past three years.

### VISION

The department strives to enrich professionals of high competency in the arena of Instrumentation Engineering & mould them to adopt the crux of the matter in the field of automation.

### MISSION

To prepare the students to envisage beyond the hypothetical thinking & belong to a new era of acquisition & application of Instrumentation Technology to meet the requisition of the changing world.

### ABOUT THE PROGRAM

This programme discusses about a transdisciplinary (TD) research approach to engineering education in an effort to examine alternative learning theories and consequently, to improve the learning outcomes. Transdisciplinary approaches engage students in collaborative, cross-disciplinary exercises with both students and domain experts, while simultaneously utilizing transdisciplinary models for processing information and methodologies designed to elevate students' critical skills. The expected results of TD research and education are: emphasis on teamwork; bringing together non-academic experts and academic researchers from diverse disciplines; developing and sharing of concepts, methodologies, processes, and tools; all to create critical and integrated engagement by students and professionals. While researchers have become accustomed to working across disciplinary boundaries, the undergraduate classes offered by many universities have been the same for decades. Undergraduate students should master TD competencies before they go on to graduate studies or employment.

### LOCATION

The Institution is located in a serene and eco-friendly environment at Western Ghats in Kerala, India. This is about 35 kms from the Kannur International Airport. The place also offers a blend of cultural diversity in harmony. Nearest railway station is Kannur Junction.

### REGISTRATION FORM

NAME : .....

QUALIFICATION : .....

DESIGNATION : .....

SEX : .....

EXPERIENCE : TEACHING : ..... YRS

ORGANIZATION : .....

COMMUNICATION ADDRESS : .....

PIN : .....

PHONE NUMBERS (OFFICE) : .....

(RESIDENCE) : .....

MOBILE : .....

E-MAIL : .....

WHETHER THE INSTITUTE IS APPROVED BY AICTE /UGC? YES / NO

WHETHER ACCOMMODATION REQUIRED?: YES / NO