



# ONE WEEK TRAINING PROGRAMME ON FUSION, LABVIEW, AND MATLAB IN ADVANCED ENGINEERING APPLICATIONS (FLMAEA)

(26<sup>th</sup> – 1<sup>st</sup> July 2024)

Organized by

ETC Society, Department of Electronics and Telecommunication Engineering,  
VSSUT, Burla, Odissa



## Preamble:

Major engineering and scientific challenges require proper knowledge in implementation using software and hardware. Software tools like MATLAB, FUSION and LABVIEW help to automate the entire path from research to production. These are the most important software tools used in various industries. The principles learned by working through applications created from MATLAB, FUSION and LABVIEW follow standards that apply equally well to a diverse range of fields.

This hybrid mode training is devoted to bring together faculties, students and industry to discuss a comprehensive approach towards research oriented engineering applications. The training will be imparted handled by the experts from relevant industries

## Major Course Contents:

- Application of LABVIEW in Communication
- Application of LABVIEW in Data Acquisition
- Training in basics of Fusion
- Fusion for PCB Design
- Advanced Engineering Application of MATLAB

## Resource Persons conducting this Program:

The recourse persons for this training program are from MATHWORKS, TWINTECH and NATIONAL INSTRUMENTS.

## Eligibility:

This is an in-house training program is open for all the faculties and students of VSSUT, BURLA.

## Registration Fee Particulars:

There is no registration fee for this program.

## How to apply:

Participants are required to fill the online registration form by using the following link or by scanning the QR Code:

<https://docs.google.com/forms/d/e/1FAIpQLSdC9U20JzQOds6LH8TocjlyGhg0MnHpR7w20QsaEnmzmhH4lw/viewform?usp=sharing>



## Venue:

Golden Jubilee Seminar Hall

## Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 50. The list of selected participants will be intimated through e-mail.

## Important dates:

Last date for Registration	15/06/2024 (11:59 PM)
Selection List by E-mail	25/06/2024 (11:59 AM)
Duration	26/06 /2024 (Wednesday) to 01/ 07 /2024 (Monday)

## About VSSUT BURLA:

Veer Surendra Sai University of Technology (VSSUT), Odisha (formerly known as University College of Engineering (UCE), Burla) was formed by Odisha Act 9 of 2009 by upgrading to a Unitary State University, which came into force from 1<sup>st</sup> day of July 2009. VSSUT is located at the foothill of famous Hirakud Dam — longest in Asia. Burla is known as Intellectual Capital of Odisha with VSSUT, VSS Institute of Medical Science and Research, Sambalpur University, MCL, WESCO and IIM Sambalpur. It is located 12 KM away from Sambalpur railway station and 3 KM away from Hirakud railway station. VSSUT, Burla has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers. The University offers B.Tech., M.Tech., Dual Degree, M.Sc, Int. M.Sc., MCA and Doctoral programs.

## About ETCE Department :

Department of Electronics and Telecommunication Engineering is the first department of its kind in the state of Odisha and was established in 1972 with a vision to develop new ideas in the field of Communication Engineering. It offers B.Tech., M.Tech. and Ph.D. programs and is recognized for its good placement record, industry institute interaction and top of the line faculty members with outstanding research abilities. Since more than four decades, this department has produced many high standard and self-motivated professionals to serve humanity both nationally and internationally at par excellence. The Electronics and Telecommunication Society organizes its annual technical festival in the name of "TECHTRONIX" each year which includes various technical events like circuit model presentation, poster presentation, hackathon, technical quiz competition, coding competition etc. Time to time the society also organizes invited guest lectures, online technical talks by distinguished speakers from various industries and academia.

## Course material and Certificate:

Registered participants will be provided with online materials and lecture notes, delivered by the speakers and E-certificate after completion of the training.

## Contacts:

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**Chief Patron:**

**Prof. Banshidhar Majhi**

Vice Chancellor, VSSUT, Burla

**Patron:**

**Prof. Sidhartha Panda**

Head, School of Electrical Sciences  
VSSUT, Burla

**Prof. Harish Kumar Sahoo**

Head, ETC Department, VSSUT, Burla

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Advisory Committee**

**Shri Pradeep Dang**  
Registrar, VSSUT, Burla

**Sri Tularam Kalet, OFS-1 (SB)**  
Comptroller of Finance, VSSUT, Burla

**Coordinators:**

**Dr. Diptimayee Konhar**

Assistant Professor,

PIC, ETC Society

ETC Department, VSSUT, Burla

**Dr. Madhusmita Panda**

Assistant Professor, ETC Department,  
VSSUT, Burla

**Student Members:**

**Shibani Tripathy: 8847859948**

**Siddhant Behera: 7735307557**

**Rashmi Ranjan Dishri: 8847880647**

**Subhashree Bastia: 9348407437**

ETC Department, VSSUT, Burla

**Registration Form**

1. Name

2. Participant

FACULTY

STUDENT

3. Department :

4. FACULTY ID / REGISTRATION NO.

4. Email :

5. WhatsApp No.

**DECLARATION**

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the Training program and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the program.

**Signature of the Applicant**