

## REGISTRATION FORM

TEQIP-III Sponsored

One Week FDP

On

# “Recent Advancement in Biomedical Signal and Image Processing”

(06<sup>th</sup> – 11<sup>th</sup> March, 2020)

Name of Participant:-

Designation:-

Name of the Organization:-

Mailing Address:

Tel. No. :-

Mobile No. :-

Fax :-

E-mail ID :-

Registration fee- **Nil**

Seal & Signature of Sponsoring Authority

### Advisory Committee:

Dr.D.R.Patel, Director  
Dr.S.G.Bhirud, Registrar & Dy. Director  
Dr.S.P.Borkar, Dean (Administration)  
Dr.F.S.Kazi, Dean (RD&C) and HoD (Electrical)  
Dr. R.D. Daruwala, Dean (Student Affairs)  
Dr. K.K. Sangle, Dean (Academics)

### Programme Coordinator:

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### Programme Co-coordinators:

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9730761090

Prof. Vikram Kehri  
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### Organizing Committee:

Dr. Chetan Kamble  
Prof. Samadhan Gosavi  
Prof. Abhijeet Pimpale  
Prof. Govind Jawade  
Mr. Bhimrao Jadhao  
Ms. Dhanshree Thulkar

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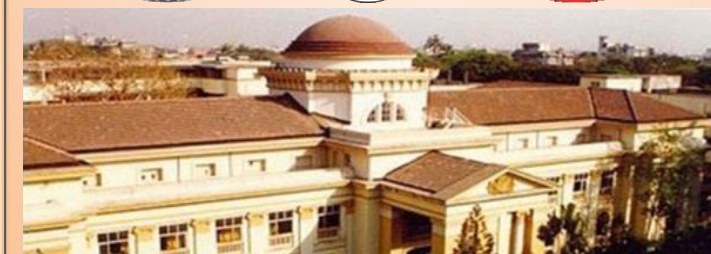
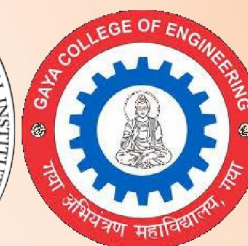
# “Recent Advancement in Biomedical Signal & Image Processing”

(06<sup>th</sup> - 11<sup>th</sup> March, 2020)

Venue:

DEP - 1

VJTI Mumbai - 400019



***Veermata Jijabai Technological  
Institute (VJTI), Mumbai  
& TEQIP –III twinning partners  
Government Engineering College Ajmer  
& Government Engineering College  
Gaya.***

## About VJTI:

The Veermata Jijabai Technological Institute was established in 1887. It started with only two departments, namely the Sir J. J. School of Mechanical Engineering and the Rippon Textile School. In 1913, the Institute was recognized by then Government of Bombay as the Central Technological Institute, Bombay Province. In addition to other departments, a department of Sanitary Engineering and Plumbing was added in 1923. The department started 'Licentiate in Civil & Sanitary Engineering programme'.

Since the time of inception, VJTI has been playing a very vital role in producing quality engineers, introducing new programmes, and electives in emerging areas. In 1998, the Institute was renamed from its old name Victoria Jubilee Technical Institute to its present name Veermata Jijabai Technological Institute.

The institute was granted financial and academic autonomy from June 21, 2004. The Institute is reputed for excellent training in Engineering and Technology at Diploma, Degree, Post Graduate levels and Research. Presently VJTI offers B. Tech programmes in nine core disciplines of engineering, 17 M. Tech. programmes, M.C.A. and PhD programmes in various engineering disciplines.

The Institute is affiliated to University of Mumbai. It was one of the institutes selected by the Central Government for further development with grant-in-aid from the Centre under Technical Education Quality Improvement Programme (TEQIP-I, TEQIP-II and now in TEQIP III)

## About Electrical Engineering Department

The department of Electrical Engineering was established in 1903 and is located in the southern wing extension of the institute. The department conducts a variety of courses at the diploma, bachelors and masters level in electrical and electronics engineering. It is also recognized for doctoral research and competent faculty in many diverse fields including digital signal processing, control theory, communication engineering and power systems engineering.

**Institute has full fledged Biomedical Engineering Research laboratory set up with the State Government Funding.**

### Course Faculty

**The faculty will include renowned persons from Industries working in this field, IIT Faculty, Researchers and Medical Doctors from hospitals in and around Mumbai city.**

### Registration

Application in the prescribed format should reach the coordinators at VJTI on or before 26<sup>th</sup> Feb 2020. Scan copy of the application should send to [cpkamble@el.vjti.ac.in](mailto:cpkamble@el.vjti.ac.in). The selected participants will be informed by mail on 28<sup>th</sup> Feb 2020.

E-mail correspondence is more preferable. This Course is under TEQIP, therefore registration fee for Faculty Members is **nil**. Participants have to make their own arrangement for accommodation. We will help you to get suitable accommodation near VJTI.

## Course Content (Outline):

- Basics of Biomedical Signals and Images (ECG, EEG, EMG, EOG, MRI and CT..etc)
- Different Instruments available in biomedical field
- Data acquisition in biomedical field
- Use of Mathematical Tools for feature extraction
- Analysis of Biomedical Signals
- Brain computer interface system
- Biomedical Image Processing
- IOT for Biomedical Application
- Hands on training
- Lab & Field visit

## About the Programme:

A course on **Recent Advancement in Biomedical Signal & Image Processing** is increasingly important due to the need of the research work in biomedical field.

Course will focus mainly on the research problems along with Recent Advancement in the biomedical signal and Image Processing. However selection to this course is on first come first serve basis. **Since there is hands on training, participants are encouraged to bring their own laptop.**

### Course:

In order to enhance the learning from the course, participants are requested to be fully committed to this course: it will be demanding. More details can be obtained by sending an email to [cpkamble@el.vjti.ac.in](mailto:cpkamble@el.vjti.ac.in).

### Who May Benefit:

Faculty from academic institutions approved by AICTE.