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- **Expert Academicians**



## MIT COLLEGE OF ENGINEERING, PUNE

### Department of Computer Engineering

Organizes

### Two Days Faculty Development Program

On

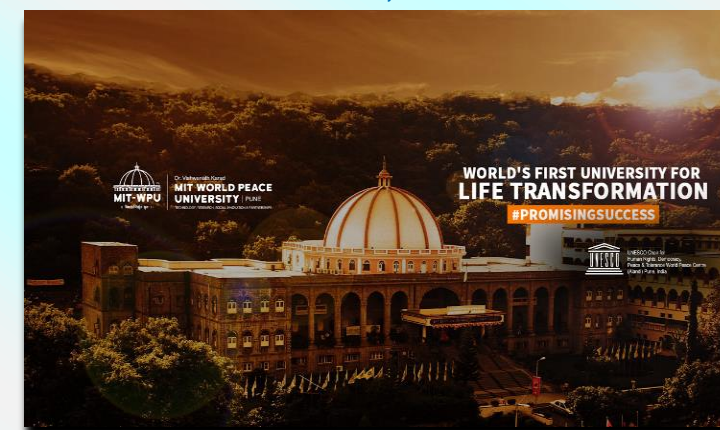
### “LABORATORY PRACTICES-III”

(BE Computer Engineering 2015 Course)

(18<sup>th</sup> December-19<sup>th</sup> December 2018)

In association with BOS (Computer Engineering),

SPPU, Pune



## MIT College of Engineering

MIT-WPU Campus,

Kothrud, Pune-411038.

Website: [www.mitcoe.ac.in](http://www.mitcoe.ac.in)

## ABOUT MIT-WPU

“MIT Pune is now MIT-World Peace University”

MIT-World Peace University (MIT-WPU) is situated in Pune- the cultural capital of Maharashtra. A landmark in Pune, the architectural grandeur and splendor of the buildings of MIT Pune are a testimony to a rich legacy of over 4 decades in the field of education. Known to be among the top education institutions in India it was established in the year 1983 by Prof.Dr.Vishwanath D. Karad and is among the first engineering colleges in the private sector in Maharashtra. We aim to ignite the young minds by reviving our time tested value systems- ethos, culture and traditions.

Witnessing a rapid growth & expansion in terms of uniquely designed Educational Programmes conducted by MIT Group across 10+ campuses across India covering 1000+ acres of area with world class infrastructure and amenities.

A step towards this Vision has been the ‘MIT World Peace University’ status accorded to MIT Group of Institutes – Pune, established under Govt. of Maharashtra Act No. XXXV 2017 and recognized by UGC. MIT World Peace University- known as MIT-WPU, is a center for scientific, educational, technological & spiritual development for the youth. We enable our students to face the challenges of the present and the future technical advancements of a fast changing world by incorporating best of academics, industrial, research and value-based education.

## ABOUT THE FDP

The aim of this FDP is to offer practical hands on and discussion sessions for all assignments included in LP-III Lab along with case studies as per BE 2015 revised course syllabus. Faculties who will be conducting LP-III lab are encouraged to participate in this FDP.

The contents to be covered in FDP are:

- 1. Implementation and discussion on Machine Learning algorithms :** Linear Regression, Decision Tree Classifier, k-NN Classification, K-Means Clustering etc.
- 2. Implementation and discussion on Information and Cyber Security algorithms:** S-DES, S-AES, Diffie-Hellman Key Exchange, RSA & ECC etc.
- 3. Activity based sessions for Mini Projects exploration.**

## FDP OBJECTIVES

- 1. To introduce and demonstrate different machine learning and cyber security algorithms.**
- 2. To give practical hands-on for Machine learning and cyber security assignments to the participants.**
- 3. To correlate machine learning and cyber security techniques with real world applications.**
- 4. To acquaint participants with modern pedagogy techniques for effective mini project execution.**

## FDP OUTCOMES

The participants will be able to

- 1. Apply the suitable algorithms to solve machine learning and cyber security problems.**

- 2. Correlate machine learning and cyber security techniques with real world applications.**
- 3. Focus on modern pedagogy use for mini project execution.**

## FDP SCHEDULE & REGISTRATION DETAILS

Subject	Date	Time	Fees /Day
Cyber Security	18/12/2018	9 am to 5 pm	Rs. 800
Machine Learning	19/12/2018	9 am to 5 pm	Rs. 800

**Two days participation: Rs. 1500/- per participant**  
Payment will be accepted through **Cash/ NEFT**

**Registration Form Link:**

<https://goo.gl/forms/acpr3j9q3Q8I0efD3>

**Last Date of Registration: 11<sup>th</sup> December 2018**

For any query: [events.computer@mitcoe.edu.in](mailto:events.computer@mitcoe.edu.in)

**\*Registration based on first come first serve basis.**

## PAYMENT DETAILS

**Name of Account:** MIT COLLEGE OF ENGINEERING PUNE

**Name of the Bank:** Bank of India

**Account Number:** 053020110000014

**IFSC Code:** BKID0000530

**Branch:** PUNE MIT Branch

## VENUE OF FDP

**Seminar Hall, D-Building, 4<sup>th</sup> Floor, Department of Computer Engineering, MIT College of Engineering, Kothrud, Pune-411038.**