# Summary Report of FDP/STTP organized by Computer Engineering Department

# **Year: 2020-21**:

A Three days Faculty Development programme was organized by the Department of Computer Engineering on "Blockchain Technology" from 17th to 19th June, 2021. We are proud to announce that the FDP experienced an overwhelming response from faculty and aspiring researchers across several universities. A total of 583 participants registered for the event from various states. During this event, eminent experts from Industry and academia guided the participants on various aspects of research in Science and Technology. Also, the queries of the participants were well addressed by the speakers.

During this 3 days Programme, each day has two sessions followed by participant's feedback and quiz. The participants' feedback claims that participants found this FDP quite beneficial. Many participants also requested to arrange similar FDPs in the future.

An e-certificate was also issued to the participants who successfully completed the programme.











## **Year: 2019-20:**

A Three days Faculty Development programme was organized by the Department of Computer Engineering on "Exploring Research Challenges and Opportunities in Science and Technology" from May 27 to May 29, 2020. We are proud to announce that the FDP experienced an overwhelming response from faculty and aspiring researchers across several universities. A total of 583 participants registered for the event from various states. During this event, eminent experts from Industry and academia guided the participants on various aspects of research in Science and Technology. Also, the queries of the participants were well addressed by the speakers.

During this 3 days Programme, there were 5 sessions followed by participant's feedback and quiz. The participants' feedback claims that participants found this FDP quite beneficial. Many participants also requested to arrange similar FDPs in the future.

An e-certificate was also issued to the participants who successfully completed the programme.





# LOKMANYA TILAK COLLEGE OF ENGINEERING

Sector 4, Vikas Nagar, Koparkhairane, Navi Mumbai, 400709

# **Department of Computer Engineering**

Expresses Heartfelt Thanks to the Eminent Speakers and the Participants of Faculty Development Programme

on

"Exploring Research Challenges and Opportunities in Science & Technology"
(27th to 29th May 2020)

# **Eminent Speakers**

- Dr. Milind Pande (Pro-Vice Chancellor, MIT World Peace University, Pune )
- Dr. Supratim Biswas (Professor in Computer Science and Engineering, IITB, Mumbai)
- Dr. Aatul Wadegaonkar (Chief General Manager & Program Head, DU-BDP & OASIS-BDP, MKCL)
- Adv. Anand Mahurkar (Regd. Patent Agent, Founder AM Legal Associates, Pune.)
- ❖ Dr. Vivek K. Sunnapwar (Principal, LTCE, Navi Mumbai)

Dr Monika Mangla Dr. Jyoti More (Coordinator)

Dr. Subhash K. Shinde (Convener) Dr. Vivek K. Sunnapwar

(Patron)

Dr. Satish Chaturvedi

Chairman, Lokmanya Tilak Jankalyan Shikshan Sanstha

Smt. Abha Chaturvedi

Secretary, Lokmanya Tilak Jankalyan Shikshan Sanstha

Shri Dushyant Chaturvedi

Director (GB), Lokmanya Tilak Jankalyan Shikshan Sanstha

#### PATRON

Dr. Vivek K. Sunnapwar

Principal, Lokmanya Tilak College of Engineering

#### CONVENER

Dr. Subhash K. Shinde

Vice Principal, Lokmanya Tilak College of Engineering

# COORDINATORS

Prof. R. D. Gawali

Head, Department of Computer Engineering

Dr. Monika V. Mangla

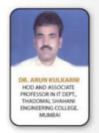
Head, Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning)

Dr. Jyoti S. More

Head, Department of Computer Science and Engineering (Data Science)

#### **RESOURCE PERSONS**

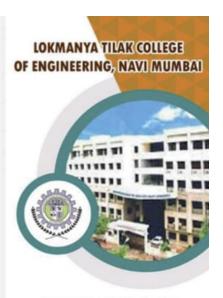












Organizes an Online Faculty Development Programme

JOINTLY UNDER IQAC ON

# TRENDS IN MACHINE LEARNING AND DATA SCIENCE

Department of Computer Engineering,
Department of Computer Science and
Engineering (Al-ML) and
Department of Computer Science and
Engineering (Data Science)

(28th - 30th JUNE 2021)





Lokmanya Tilak Jankalyan Shikshan Sanstha's

# Lokmanya Tilak College of Engineering



# **Certificate of Participation**

This is to certify that Prof. Kahkashan Siddavatam from Lokmanya Tilak college of engineering has successfully completed three days online Faculty Development Programme on "Exploring Research Challenges and Opportunities in Science & Technology". This Faculty Development Programme was organized by the Department of Computer Engineering, Lokmanya Tilak College of Engineering from May 27 to May 29, 2020.

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Dr. Jyoti More FDP Co-ordinator

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Dr. Monika Mangla FDP Co-ordinator

Or Subbook K Shine

Dr. Subhash K. Shinde Head, Computer Engg.

Sim

Dr. Vivek Sunnapwar Principal, LTCE A One week STTP was jointly organized by the Department of Computer Engineering and Department of Electronics Engineering on "IoT ,Raspberry Pi and Python Programming" from 2nd to 7th July, 2018. The Sttp was attended by several participants from different colleges. During this event, eminent experts from Industry and academia guided the participants on various aspects of research in Science and Technology. Also, the queries of the participants were well addressed by the speakers.

During this 5 days Programme, each day has two sessions followed by participant's feedback and quiz. The participants' feedback claims that participants found this FDP quite beneficial. Many participants also requested to arrange similar FDPs in the future.

An certificate was also issued to the participants who successfully completed the programme.

#### **About the Institute**

The Lokmanya Tilak College Of Engineering was established in 1994 - named after the great freedom fighter of India - Lokmanya Bal Gangadhar Tilak. Apart from imparting quality education in classrooms and laboratories, the college also organizes various seminars, symposia and workshops for the benefits of students, teachers and engineering fraternity. The college started with the vision of being considered amongst the topmost technical institutions within the country nutruing technically equipped and socially active individuals capable of enhancing the global technological environment. Excellent facilities and opportunities are available to the students to excel in their chosen field.

#### **About the Departments**

The Departments were established in 1994. The departments have well-qualified and experienced teaching faculty which are assisted by Qualified Technical staff. The Departments have well equipped labs.. The departments provides wide exposure to the student in keeping up with the fast changing scenario. Equipped with the latest developments tools, the department also undertakes industry and research projects giving the students the valuable experience and exposure. The Department encourages interaction with experts from the industry. Seminars, industrial visits, technical quiz paper presentation contest are some of the activities that give students a feel of the feel of real world. The Department is also associated with the professional bodies like ISTE, CSI.

# Objective of the STTP

This faculty develoment program encourages participants to do their reserach in the upcomming field like IoT, Raspberry Pi and Python programming. This is helpful to explore and adapt to the changing role of Technology and contribute to the organisation by bringing in creative solutions to everyday challenges. The outcome of this program is to enhance knowlege of recent trends in Engineering and educate the faculties. Faculties can upgrade their knowlegde and skills and apply it practically in doing research in various domains.

#### Chief Patrons

Dr. Satish Chaturvedi - Chairman Smt. Abha Chaturvedi - Secretary
Shri. Dushyant Chaturvedi - Director (GB)
Shri. Abhijeet Deshmukh - Datrons

Dr. Vivek Sunnapwar - Director (R & A)
Dr. Vivek Yakkundi - Principal

# Dr. Subhash Shinde - Vice Principal

Conveners
Dr. Sheeba P.S.
Head of Electronics Engineering Department
Dr. Pravin Nikumbh
Head of Computer Enginering Department

#### Coordinators

Dr. Prerana Shrivastava Email Id – prerana01@hotmail.com Mobile No. - 9820319770 Prof. Rajendra Gawali

#### Oraganizing Commitee Mrs. Monika Mangla

Mrs. Shilpa Joshi Mrs. Sonal Bankar Dr. Shilpa Wakode Mrs. Sulbha Yadav Mr. Nitin P. Jain Mrs. Jyoti More Mrs. Trupti Harhare Mrs. Sanjivani Deokar Mrs. Savitha Devaraj Mrs. Smita Ambarkar Dr. Vaishali Ramtekka Mr. Jayendra Jadhav Mrs. Swati Choudhary Mrs. Swati Choudhary Mrs. Neeta Gargote Mrs. Rakih Akhare

#### LTJSS's

LOKMANYA TILAK COLLEGE OF ENGINEERING



One Week STTP on

"IoT, Raspberry Pi and Python Programming"

2<sup>nd</sup> to 7<sup>th</sup> July 2018

Jointly Organized by

Department of Electronics Engineering and Department of Computer Engineering,

Lokmanya Tilak College of Engineering Sector-4,Vikas Nagar, Koparkhairane, Navi Mumbai-400709 Tel: 91-22-27541005

#### **Course contents**

#### Introduction to IoT

- IoT basics concepts
- What is Internet of Things?
- Why IoT is important?
- Architecture of IoT
- Basics of Sensors and Actuators Cloud Computing & IoT.
- Communicating with the Cloud using Web Services.
- Popular cloud computing services for sensor management Mobile application connectivity for IOT
- IoT based application project

#### Raspberry Pi 3

- Board Features History and Reception
- Hardware Description
- Functional Schematics
- Setup and operate the Raspberry Pi 3
- Software and OS Options used on the Pi 3 Message & Mail communication throgh Raspberry Pi 3
- Programming using Raspberry Pi 3 for various applications like sensors, LED's, switches etc.

#### Python

- Python Basics and programming
- using python on Raspberry Pi Wired connectivity
- Ethernet
- Serial communications
- Wireless communication protocols
- WiFi communication

- Zigbee Implementation (IEEE 802.15.4) Use of Bluetooth or Bluetooth Low Energy
- Configuring WiFi module using AT commands Uploading data on cloud using WiFi module
- End to End Project implementation on Cloud Platform

#### **Resource Persons**

Mr.Krishnakant Mane
 Software Developer and Python Expert, Accion Labs

#### 2. Ms.Prajkta Patkar

Python Expert and Project Manager, Accion Labs

#### 3. Mr.Abhijith

System Architect and Analyst, Accion Labs

#### 4. Mr.Dinesh Sutar

Embedded System Programmer, Quasix Solutions

#### **Registration Fees**

The Registration fees is Rs. 2000/-The course fee includes Registraon kit, High tea, Lunch and Certificate.

Registration fees is Payable in Cash/Cheque in favour of "PRINCIPAL,Lokmanya Tilak College of Engineering, Koparkhairane" on or before 18th June 2018

#### Venue

Seminar Hall, Department of Computer Engineering, Lokmanya Tilak College of Engineering Sector-4,Vikas Nagar, Koparkhairne, Navi Mumbai-400709

# **Programme Schedule**

	Day 01
9:00 am – 9:30 am	Registration
9:30 am - 10:30 am	Inauguration followed by refreshments
10:30 am - 1:30 pm	Session-I
1:30 pm - 2:00 pm	Lunch Break
2:00 pm - 4:30 pm	Session-II
	Day 02 to Day 06

09:00 am – 10:00 am	Refreshments
10:00 am - 1:30 pm	Session-I
1:30 pm - 2:00 pm	Lunch Break
2:00 pm - 4:30 pm	Session-II

#### **Lokmanya Tilak College of Engineering**



One Week STTP

"IoT, Raspberry Pi and Python Programming" 2<sup>nd</sup> to 7<sup>th</sup> July 2018

#### REGISTRATION FORM

Name :	
Designation:	
Qulification:	
Institution:	
Address:	
Email:	
Mobile No.:	
Payment by Cash/Cheque: Cheque No.: Dated:	
Bank:	
Amount:	
Date :	
Signature of Applicant	

Seal and Signature of Sponsoring Authority

#### **About Institute**

The Lokmanya Tilak College of Engineering was established in 1994 - named after the great freedom fighter of India-Lokmanya Bal Gangadhar Tilak. It is situated at Koparkhairane, a part of Vashi, a new satellite township of Mumbai, the commercial capital of the most advanced state. Apart from imparting quality education in classrooms and laboratories, the college also organizes various seminars, symposia and workshops for the benefits of students, teachers and engineering fraternity.

The college enjoys the neighbourhood of some reputed multinational companies like Dirubhai Ambani Knowledge city, Siemens, Philips, Pfizer, Larson & Tubro, NOCIL, Reliance Silicones and many other industries from Thane-Belapur, providing an appropriate environment for the

students of the college.

LTCE was established to provide "World class" technology education. In a short span of time, the institute has gained recognition for the academics and engineering research.

#### **About Department**

The department was established in 1994. The department has well-qualified and experienced teaching faculty which are assisted by Qualified Technical staff. The department is well equipped with latest generation of computers. The Computer labs of the department have state-of-art Hardware and Software. The department provides wide exposure to the student in keeping up with the fast changing scenario both in computer software and hardware. Equipped with the latest developments tools, the department also undertakes industry and research projects giving the students the valuable experience and exposure.

The department encourages interaction with experts from the industry. Seminars, NPTEL lectures by experts from IITs and IISc, industrial visits, technical quiz, and paper presentation contests are some of the activities that give students an exposure to the real world issues. The department is also associated with the professional bodies like ISTE, CSI.

#### **Chief Patrons**

Hon'ble Dr. Satishji Chaturvedi Chairman, LTJSS Hon'ble Smt. Abhaji Chaturvedi Secretary, LTJSS Hon'ble Shri. Dushyantji Chaturvedi Director (GB), LTJSS Hon'ble Shri. Abhijeetji Deshmukh Director (GB), LTJSS

#### **Patrons**

Dr. Vivek Sunnapwar Director, LTCOE, Dr. Vivek Yakkundi Principal, LTCOE Dr. Subhash Shinde Vice Principal, LTCOE, Chairman, BoS, Comp. Engg, UoM,

# Convener

Dr. Pravin Nikumbh Head, Department of Computer Engineering

#### Coordinators

Dr. Anil Chhangani Prof. Rajendra Gawali

#### **Organizing Committee**

Mrs. Chitra Wasnik Mrs. Monika Mangla Mrs. Sonal Bankar Mrs.Sulbha Yadav Mrs. Jyoti More Mrs. Sanjivani Deokar Mrs. Smita Ambarkar Mr. Jayendra Jadhav Mr. Sudhakar Jadhav Mrs. Rakhi Akhare

#### Resource Person

Mr. Manish Jain

porate Trainer for Big Data / HADOOP



#### LTJSS's

# Lokmanya Tilak College of Engineering, Navi Mumbai

Announces (ISTE Approved)

Two Day **Faculty Development Programme** 

on

"Practical Approach and Hands on Training for Hadoop-Big-Data"

9<sup>th</sup>& 10<sup>th</sup> January 2017

#### Organized by

Department of Computer Engineering, Lokmanya Tilak College of Engineering, Sector-4, Vikas Nagar, Koparkhairne, Navi Mumbai-400709

> Tel: 91-22-27541005 www.ltce.ltjss.net www.ltce.in

#### **Objectives of FDP**

This Faculty Development Program encourages attendees to pursue the research in the upcoming field like Big Data. This is helpful to explore rewarding careers with the Big Data and Analytics Program. It also focuses on adapting to the changing role of Information Sciences and contributes to the organisation by bringing in creative solutions to everyday challenges. The outcome of this program is to enhance knowledge of recent trends in software and educate attendees. Faculty can upgrade and find promising opportunities to work practically in the area of Big-Data.

# **About Big Data and it's Applications**

In an increasingly digital world, Big-data plays a vital role in driving decisions, innovation and productivity. Big data analytics helps organizations to harness their data and use it to identify new opportunities. That, in turn, leads to smarter business moves, more efficient operations, higher profits and happier customers.

#### **Course contents**

- Introduction to Big Data and Hadoop
- HDFS Architecture, Installation and configuration of Hadoop
- Introduction to Pig, Real time projects using Pig
- Big Data Analysis with Pig
- Introduction to HIVE and Real time projects using
- Use cases comparison between Pig and Hive
- Emerging programming techniques to solve problems based on Big Data
- No SOL programming
- Map Reduce using Java
- Profile Analysis with R Programming: An introduction

### Registration

Mrs. Kanchan Gawande Ph.no. - 9167661486 mail: kanchan.gawande@gmail.com

Mrs. Ujwala Tayade Ph.no.- 9773319003 mail: ujwalatayade@gmail.com

# **Registration Fees**

The Registration fees are INR 1200. The course fees include Registration kit, High tea, Lunch and Certificate.

Cheque or DD in favour of "PRINCIPAL, Lokmany Tilak College of Engineering, Koparkhairane", payable at Navi Mumbai, should reach us on or before 7th January, 2017 along with the particular

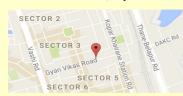
#### Date and schedule

Day 1 - 9<sup>th</sup> Jan 2017 time: 9 a.m. to 4.30 p.m. Day 2 -10<sup>th</sup> Jan 2017 time: 9 a.m. to 4.30 p.m.

# Venue:

Department of Computer Engineering, Lokmanya Tilak College of Engineering Sector-4, Vikas Nagar, Koparkhairne, Navi Mumbai-400709 Tel: 91-22-27541005

## How to reach LTCOE, Koparkhairane



#### Lokmanya Tilak College of Engineering Two Days Faculty Development Programme

"Practical Approach and Hands on Training for Hadoop-Big-Data" 9th& 10th January 2017



# REGISTRATION FORM

Name :
Designation:
Qualification:
Institution:
Address:
Email:
Telephone:
Payment by Cash/Cheque/DD:
Chq/DD No.: Dated:
Bank:
Amount:
Date :
Datt:
Signature of Applicant

Seal and Signature of Sponsoring Authority

# **Year 2022-23**

Lokmanya Tilak College of Engineering, Department of Computer Engineering, Navi Mumbai has arranged two days workshop on making of Google Forms, Sheets and Slides for Supporting Staff of College during 25/08/2022 to 26/08/2022 in Lab C-511.

It was conducted by Prof Chaitrali Chaudhari and Prof Sanjivani Deokar. Around 32 staff members from different departments participated. The Session was presided over by Dr. Subhash Shinde, Vice Principal, LTCoE and Prof Rajendra Gawali, Head, Dept. of Computer Engg. On Day 1 Google Form with hands on practice was done and On Day 2 Sharing of Google Sheets and making of Google Slides were practiced. At the end of the session feedback was taken from all the participants and Certificates were distributed to them by HoD, Prof Rajendra Gawali and by faculty incharges Prof Chaitrali Chaudhari and Prof. Sanjivani Deokar.

The session ended with a Vote of Thanks by Prof. Chaitrali Chaudhari.







