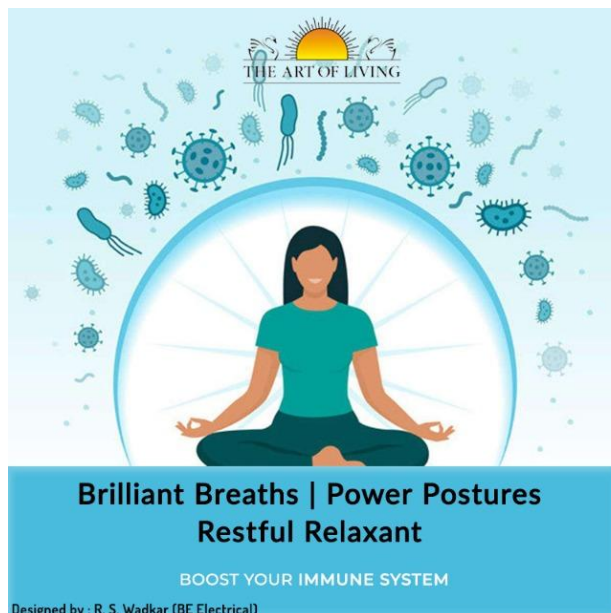




Report Immunity Enhancement Program

Department of Electrical Engineering Lokmanya Tilak College of Engineering has arranged a three day Immunity Enhancement Program for all the faculties and employees of the Lokmanya Tilak College of Engineering. The program was scheduled **on 15-17 June 2021**. The program was conducted in association with THE ART OF LIVING group of Navi Mumbai. The program was conducted by the certified expert Yoga teachers.

There were forty four participants in three-day program. The daily schedule was 07:00 PM to 08:00 PM. On day one, the importance of berating exercise was discussed and various breathing excises were practiced. On day two, followed by the practice of breathing exercise, importance of mind control, and various mind control related Yoga exercises were practiced. Day three was followed by the practice of breathing exercise, and mind control related Yoga exercises. On day three the importance of Pranayam was discussed followed by the basic Pranayam exercises. The feedback was collected from all the participants.



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
LOKMANYA TILAK COLLEGE OF ENGINEERING
NAVI MUMBAI

FDP under IQAC
by
Department of Electrical Engineering

IMMUNITY ENHANCEMENT PROGRAM

(For a healthy population in order to help them build overall immunity and lung capacity)

15-17 June, Evening 7 to 8 pm

Register Here

https://linktr.ee/LTCOE_AOL

N. P. Totre 9967938202

Dr. C. M. Wankhade 9869024946

Dr. S. Shinde
Vice Principal

Dr. V. Sunnapwar
Principal



Faculty Development Program on Know Your Labs”.

Department of Electrical Engineering has organized a three day faculty development program. The theme of the program was **“Know Your Labs”**. The program was scheduled on 12 July 2022 to 16 July 2022. The program coordinator was Dr Madhvi Kumari. The participants were from Electrical, Electronic, Mechanical and IoT departments.

The objective of the program was to get familiar with the various facilities, instruments available in the labs and to know how the various experiments are conducted for students. It also gave an opportunity to design the interdisciplinary experiments and extension of facilities for the research work. The certificates were issued to the participants and speakers by the Principal.



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.

DEPARTMENT OF COMPUTER ENGINEERING
ORGANIZES UNDER IQAC AN ONLINE WORKSHOP ON

BLOCKCHAIN TECHNOLOGY

**LOKMANYA TILAK COLLEGE
OF ENGINEERING, NAVI MUMBAI**

<p>17TH JUNE 2021 (11:00 - 12:30 & 2:00 - 3:30)</p> <p>DR. SHASHIDHAR R (ASST. PROFESSOR IN THE SCHOOL OF ENGINEERING & APPLIED SCIENCES, BENNETT UNIVERSITY, GREATER NOIDA UTTAR PRADESH, INDIA.)</p>	<p>18TH JUNE 2021 (2:00 PM - 4:00 PM)</p> <p>DR. SHRADDHA PHANSALKAR (PROFESSOR AT MIT SCHOOL OF ENGINEERING MITADT UNIVERSITY PUNE.)</p>	<p>19TH JUNE 2021 (11:00 AM - 01:00 PM)</p> <p>DR. BHUSHAN JADHAV (ASST. PROFESSOR IN IT DEPARTMENT AT TSEC MUMBAI)</p>	<p>19TH JUNE 2021 (2:00 PM - 4:00 PM)</p> <p>MR. PRANAV SHASTRI (PROGRAMMING FIESTA)</p>
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PRINCIPAL
DR. VIVEK K. SUNNAPWAR

VICE PRINCIPAL
DR. SUBHASH K. SHINDE

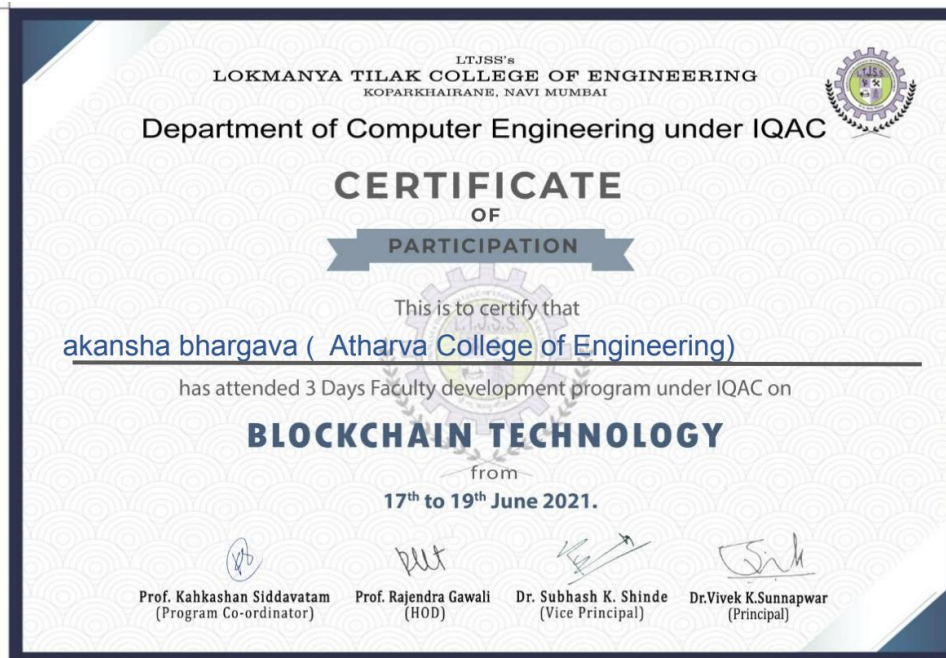
HOD
PROF. RAJENDRA GAWALI

PROGRAM COORDINATOR:
PROF. KAHKASHAN SIDDAVATAM
(+91 98336 97806)

FACULTY CO-CORDINATOR
PROF. SULEHA YADAV

(17th TO 19th JUNE 2021)
REGISTRATION LINK :
<https://forms.gle/wN2DMCEjqXfttN8o6>





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 Jankalyan Shikshan Sansthan's
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)

CHIEF PATRONS

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

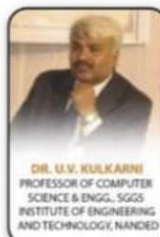
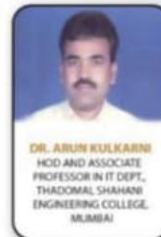
COORDINATORS

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



LOKMANYA TILAK COLLEGE OF ENGINEERING, NAVI MUMBAI



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 (AI-ML) and
Department of Computer Science and
Engineering (Data Science)

(28th - 30th JUNE 2021)

Extracting business value from the 4 V's of big data

- Volume:** Scale of data. Every day we create 2.5 quadrillion bytes of data. 90% of today's data will be gone in just the next 2 years. 1 in 3 business leaders think their company can't make decisions without data. \$3.1 billion in tax avoidance is lost worldwide through quarterly audits from the US treasury just year.
- Velocity:** Speed of data. Every 60 seconds, there are 72 hours of search engine results. 50,000 tweets are sent every minute. 216,000 text messages are sent every second.
- Veracity:** Certainty of data. 80% of data generated in 2009 through cloud computing is "unstructured". 90% of generated data is "unstructured". This includes tweets, videos, and customer service calls.
- The fifth "V"?:** Big data = the ability to achieve greater value through insights from superior analytics. Case study: A US-based e-commerce firm uses analytics to predict customer buying patterns, with 90% of sales now attributable to being able to predict what customers will buy next.

STATISTICA



Biswajit Nayak



Lokmanya Tilak Jankalyan Shikshan Sanstha's

Lokmanya Tilak College of Engineering

Department of Computer Engineering

Certificate of Participation

This is to certify that Prof. Kakhshan 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**.


 Dr. Jyoti More
FDP Co-ordinator


 Dr. Monika Mangla
FDP Co-ordinator


 Dr. Subhash K. Shinde
Head, Computer Engg.


 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.

<p style="text-align: center;">About the Institute</p> <p>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 nurturing 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.</p> <p style="text-align: center;">About the Departments</p> <p>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.</p> <p style="text-align: center;">Objective of the STTP</p> <p>This faculty development program encourages participants to do their research in the upcoming 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 knowledge of recent trends in Engineering and educate the faculties. Faculties can upgrade their knowledge and skills and apply it practically in doing research in various domains.</p>	<p style="text-align: center;">Chief Patrons</p> <p>Dr. Satish Chaturvedi - Chairman Smt. Abha Chaturvedi - Secretary Shri. Dushyant Chaturvedi - Director (GB) Shri. Abhijeet Deshmukh - Director</p> <p style="text-align: center;">Patrons</p> <p>Dr. Vivek Sunnapwar - Director (R & A) Dr. Vivek Yakkundi - Principal Dr. Subhash Shinde - Vice Principal</p> <p style="text-align: center;">Conveners</p> <p>Dr. Sheeba P.S. Head of Electronics Engineering Department Dr. Pravin Nikumbh Head of Computer Engineering Department</p> <p style="text-align: center;">Coordinators</p> <p>Dr. Prerana Shrivastava Email Id – prerana01@hotmail.com Mobile No. - 9820319770 Prof. Rajendra Gawali Mobile No. - 9892124798</p> <p style="text-align: center;">Organizing Committee</p> <p>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. Savita Devaraj Mrs. Smita Ambarkar Dr. Vaishali Ramtekkar Mr. Jayendra Jadhav Mrs. Swati Choudhary Mr. Sudhakar Jadhav Mrs. Neeta Gargate Mrs. Rakhi Akhare</p>	<p style="text-align: center;">LTJSS's</p> <p style="text-align: center;">LOKMANYA TILAK COLLEGE OF ENGINEERING</p>  <p style="text-align: center;">One Week STTP on</p> <p style="text-align: center;">“IoT, Raspberry Pi and Python Programming”</p> <p style="text-align: center;">2nd to 7th July 2018</p> <p style="text-align: center;">Jointly Organized by</p> <p style="text-align: center;">Department of Electronics Engineering and Department of Computer Engineering,</p> <p style="text-align: center;">Lokmanya Tilak College of Engineering Sector-4, Vikas Nagar, Koparkhairane, Navi Mumbai-400709 Tel: 91-22-27541005 https://www.ltce.in</p>
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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
- IoT based application project
- Mobile application connectivity for IOT

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 through Raspberry Pi 3
- Programming using Raspberry Pi 3 for various applications like sensors,LEDs,switches etc.

Python

- Python Basics and programming
- using python on Raspberry Pi
- Wired connectivity
- Ethernet
- Serial communications
- Wireless communication protocols
- WiFi communication
- Use of RF & RFID
- 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

1. **Mr.Krishnakant Mane**
Software Developer and Python Expert, Accion Labs
2. **Ms.Prajakta 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

on

"IoT, Raspberry Pi and Python Programming"
2nd to 7th July 2018

REGISTRATION FORM

Name : _____

Designation: _____

Qualification: _____

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, LTJSS
Dr. Vivek Yakkundi
Principal, LTJSS
Dr. Subhash Shinde
Vice Principal, LTJSS
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
Corporate 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"**

9th & 10th 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 Hive
- Use cases comparison between Pig and Hive
- Emerging programming techniques to solve problems based on Big Data
- No SQL 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. Ujjwala 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, Lokmanya Tilak College of Engineering, Koparkhairane", payable at Navi Mumbai, should reach us on or before 7th January, 2017 along with the registration form.

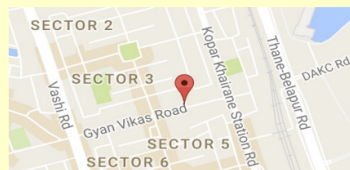
Date and schedule

Day 1 - 9th Jan 2017 time: 9 a.m. to 4.30 p.m.
Day 2 - 10th 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 LTJSS, Koparkhairane



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

on

**"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 : _____

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.



LOKMANYA TILAK COLLEGE OF ENGINEERING,
KOPARKHAIRANE, NAVI MUMBAI

DEPARTMENT OF COMPUTER ENGINEERING
IS ORGANISING

TWO DAYS WORKSHOP ON
GOOGLE
FORMS, SHEETS AND SLIDES
FOR COLLEGE SUPPORTING STAFF

BY

MS. CHAITRALI CHAUDHARI
AND
MS. SANJIVANI DEOKAR

Date : 25/08/2022 & 26/08/2022
Time : 02:15 PM to 04:15 PM

Registration Link :
<https://forms.gle/CFAn3jGZHsfwK6aCA>

Prof. Rajendra Gawali **Dr. Subhash Shinde** **Dr. Vivek Sunnapwar**
Head of Department Vice Principal Principal





YEAR 2020-21

“One Week Online FDP on Advancements in IoT, Cyber Security and Drone Technology”

Date: 07/06/2021 to 12/06/2021

No. of Participants: 137 (Including overseas participants)

Major Course Contents:

- *To promote basics and advanced research related to IoT and Cyber Security.*
- *Challenges and issues related to IoT as per requirement of different development areas.*
- *Hands on Training sessions with demos on real time applications.*
- *Drone technology and solutions in real world.*

Speakers:

Day 1: Mr. Renjith C. V.

Electrical Architect/Product Designer at Philips India LTD, Pune

Day 2 and Day 3: Mr. Nishant Singh

Corporate and Academic Technical Trainer in IoT, Robotics and Embed. Sys., Mumbai

Day 4: Mr. Adnaan Ahmed

Freelancer Cyber Security, USA

Day 5: Mr. Shrikant Thakker

Sr. Manager, Technology Consulting, Ernst & Young LLP, Mumbai

Day 6: Dr. Harold D'Costa

President-Cyber Security Corporation and CEO-Intelligent Quotient Security System

LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
LOKMANYA TILAK COLLEGE OF ENGINEERING, NAVI MUMBAI
 DEPARTMENT OF ELECTRONICS ENGINEERING &
 DEPT. OF COMPUTER SCIENCE AND ENGINEERING (IoT & Cyber Security including Block Chain Technology)
 Jointly Under IQAC Organizes

“One Week Online FDP on Advancements in IoT, Cyber Security and Drone Technology”

Major Course Contents:

- To promote basics and advanced research related to IoT and Cyber Security.
- Challenges and issues related to IoT as per requirement of different development areas.
- Hands on Training sessions with demos on real time applications.
- Drone technology and solutions in real world.


Online Registration Form
<https://forms.gle/DJwTj58bk9B7VHy9>


7th to 12th June 2021
 Time: 2.00 to 4.30 PM


Registration is free and
 Only limited seats available


E-certificate to all participants


Faculty Coordinators :
 Dr. Shilpa Joshi (9930900760)
 Dr. Shilpa Wakode (9869446344)











Dr. Sheeba P. S. HOD	Mr. Nishant Singh Corporate and Academic Technical Trainer in IoT, Robotics and Embedded Systems, Mumbai	Mr. Shrikant Thakker Sr. Manager, Technology Consulting, Ernst & Young LLP, Mumbai	Dr. Vijay Wadhai Principal, D. Y. Patil COE, Akurdi, Pune	Mr. Adnaan Ahmed Freelancer, Cyber Security, USA	Mr. Renjith C. V. Electrical Architect/ Product Designer at Philips India LTD, Pune
	Dr. Subhash Shinde Vice-Principal			Dr. Vivek Sunnapwar Principal	

One week Faculty Development Program (7th to 12th June 2021) on
“Advancements in IoT, Cyber Security and Drone Technology”
Summary Report

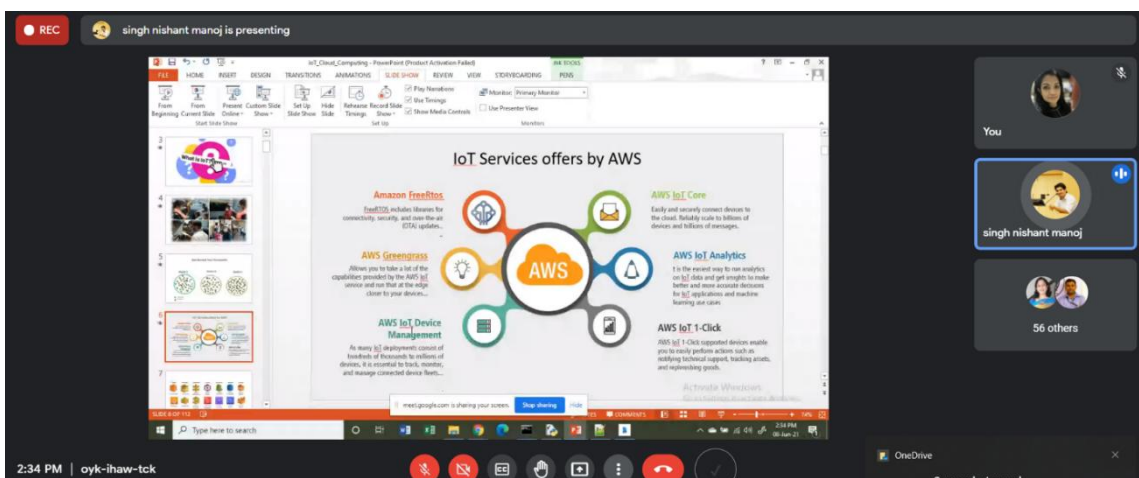
Day/Time	Course Contents	Topics Covered
Day 1 : 07-06-21 (Monday)	Session 1 Mr. Renjith C. V. “IoT Architecture”	<ul style="list-style-type: none"> ▪ Design and architecture of IoT with various aspects of ▪ Building blocks <ul style="list-style-type: none"> ▪ Platforms ▪ Operating system ▪ Sensors ▪ Protocols <ul style="list-style-type: none"> ▪ Security with respect to IoT
Day 2 : 08-06-21 (Tuesday)	Session 2 Mr. Nishant Singh “IoT using Amazon Web Services”	<ul style="list-style-type: none"> ▪ Need of AWS to be used for IoT Services ▪ How to integrate AWS to existing data through Python programming platform ▪ Things to take care of making IoT work easy
Day 3 : 09-06-21 (Wednesday)	Session 3 Mr. Nishant Singh “Hands on Training Session – Integrating different services of AWS”	<ul style="list-style-type: none"> ▪ Hands on session with demos on various IoT Services offered by AWS ▪ Real time Example on alters the repair team about the machine ▪ AWS Management Console ▪ Real time Example on temperature monitoring
Day 4 : 10-06-21 (Thursday)	Session 4 Mr. Adnaan Ahmed “Cyber Security”	<ul style="list-style-type: none"> ▪ Concept of Proxy Server and VPN ▪ How TOR works ▪ Types of Web and its comparison
Day 5 : 11-06-21 (Friday)	Session 5 Mr. Shrikant Thakker “Drones - Technology and Applications”	<ul style="list-style-type: none"> ▪ Airframe design and construction ▪ UAV Technology ▪ Payload & Associated types of data ▪ Application case study examples
Day 6 : 12-06-21 (Saturday)	Session 6 Dr. Harold D'Costa “Cyber Crime and Cyber Security ”	<ul style="list-style-type: none"> ▪ Categories of Cyber Crime ▪ Cyber Threats Evolution ▪ Prevention and Security ▪ Hacking and software piracy

Online FDP Pics:

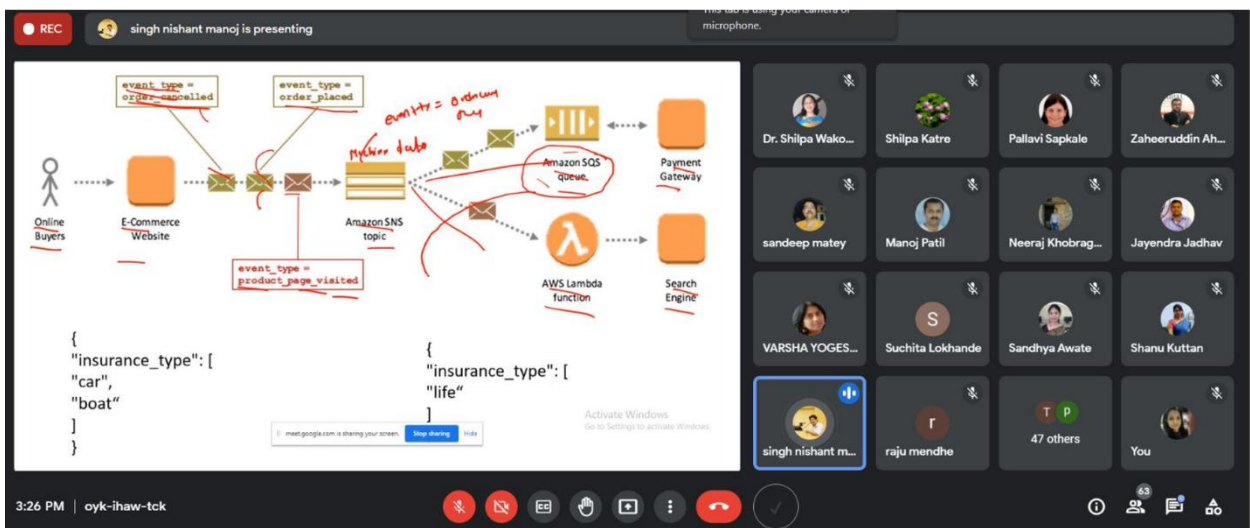
Day 1 : IoT Architecture



Day2 :IoT using Amazon Web Services



Day3: Hands on Training Session – Integrating different services of AWS



Day4: Cyber Security

REC Technophyle Ahmed is presenting

How TOR works

How Tor Works

Alice's Tor client picks a random path to destination server. Green links are encrypted, red links are in the clear.

Legend:
 + Tor node
 - - - unencrypted link
 - - - encrypted link

Participants: Technophyle Ahm..., Dr RAVISHANKAR ..., Dr. Sheeba P. S., Dr. Shilpa Wakode, Zaheeruddin Ahm..., Nitin Chawande, SANDEEP WAMAN..., 43 others, You

2:55 PM | oyk-ihaw-tck

Day 5:Drones - Technology and Applications

REC Shrikant Thakker is presenting

UAV Categories

Altitude/Range →

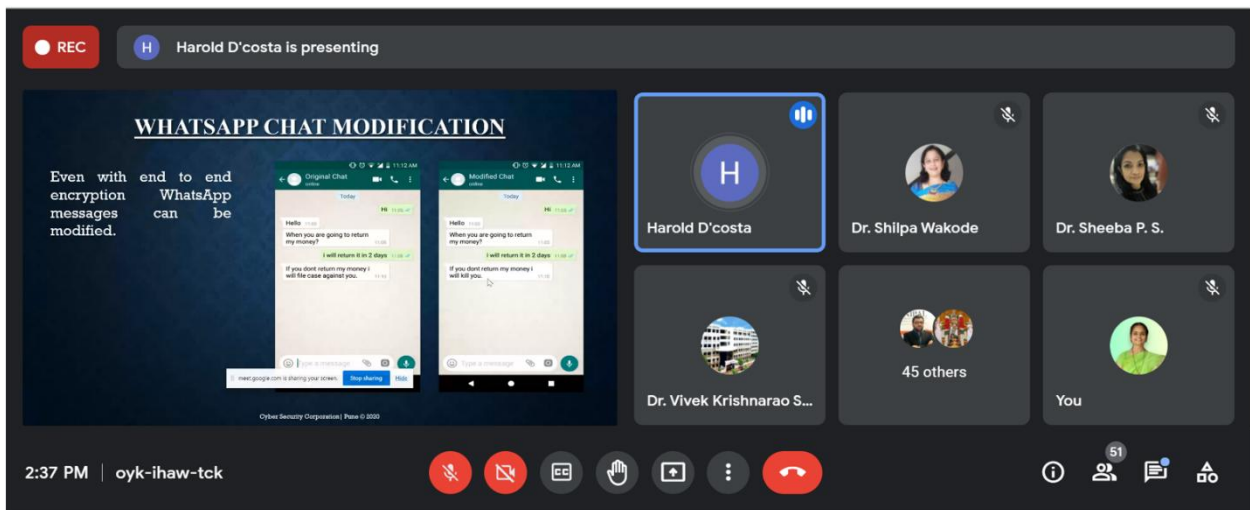
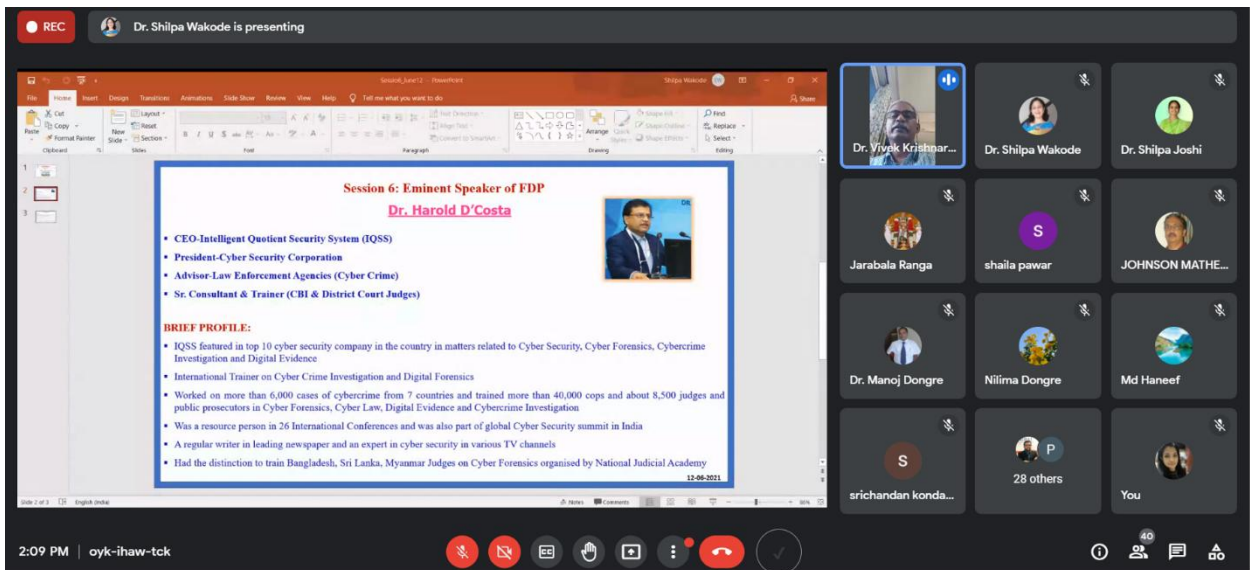
Weight →

Categories: Nano, Micro, Mini, Tactical UAVs, MALE UAVs, HALE UAVs

Participants: Shrikant Thakker, raju mendhe, Dr Vivek Yakkundi, Dr. Shilpa Wakode, srichandan konda..., Sandhya Awate, Pallavi Sapkale, Aasha, Shital Patil, Prashant Ahire, 41 others, You

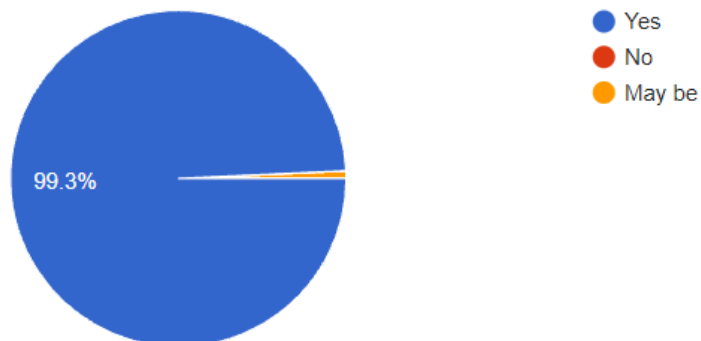
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Day6: Cyber Crime and Cyber Security



Do you find this FDP useful to fulfill your professional and personal objectives

137 responses



**Parti
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YEAR 2019-20

FDP Webinar on “Emerging Trends in IP : A Vehicle of Promoting Research and Innovation”

Speaker Name &Details :Dr. Vishal Anand (Ph. D. , IIT Delhi)

Head of Intellectual Property Team at Reliance Industries Ltd.

Coordinator : Dr. Shilpa Wakode

Convenor : Dr. Sheeba P. S.

Date : 06/06/2020

Time : 3.00 pm

Organizing Department : Electronics Engineering

Platform : Zoom

No. of Participants: 100 (Including overseas participants)

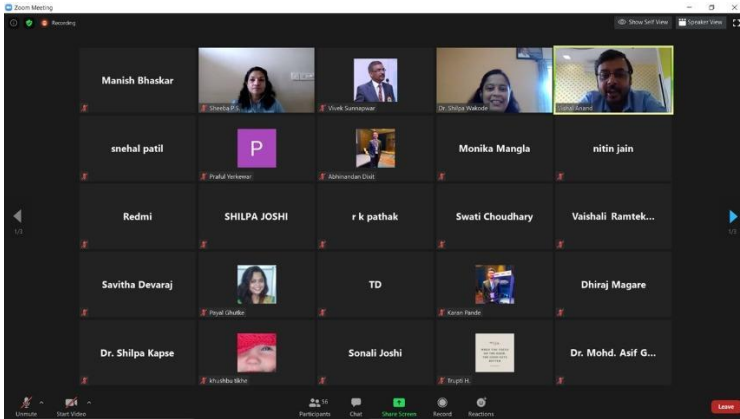


LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
LOKMANYA TILAK COLLEGE OF ENGINEERING
SECTOR 4, VIKAS NAGAR, KOPARKHAIRANE- 400709
DEPARTMENT OF ELECTRONICS ENGINEERING

ORGANIZES A FDP WEBINAR ON
EMERGING TRENDS IN IP : A VEHICLE OF PROMOTING RESEARCH AND INNOVATION
ON
6TH JUNE 2020 AT 3 PM
RESOURCE PERSON: DR. VISHAL ANAND

<u>DR. VIVEK K. SUNNAPWAR</u> PRINCIPAL	<u>DR. SHEEBA P.S.</u> CONVENOR	<u>DR. SHILPA WAKODE</u> CO-ORDINATOR
--	------------------------------------	--

EMAIL ID: etrx.fdp@gmail.com



Recording... You are viewing Dr. Shilpa Wabode's screen View Options

Eminent Speaker for FDP Webinar on 6th June 2020

Dr. Vishal Anand

- Ph. D. in Polymer Science & Engineering, IIT Delhi
- Head of Intellectual Property Team at Reliance Industries Ltd.
- A Registered Indian Patent Agent and also one of the Top 50 IP Professional in India.

BRIEF PROFILE:

- A dedicated Professional with more than 18 years of Industrial and Research Experience.
- He has been instrumental in creating an IP Ecosystem at Reliance by formulating IP Policy & Strategy, establishing the IP governance, processes and systems for managing IP portfolio, audit, IP risk, litigation, confidentiality, IP due-diligence and monetization.
- His role also involves management of R&D Project Planning, Strategy and Governance.
- Prior to Reliance, his stint with GE India made him well-versed with the global best IP practices.
- He is certified Six Sigma Green Belt and trained Six Sigma Black Belt.
- He has published 15 research papers in the area of Polymer Technology & Intellectual Property Management and filed 2 Patents.

Zoom Meeting controls at the bottom: Mute, Stop Video, Security, Participants (56), Chat, Share Screen, Pause/Stop Recording, Reactions, End.

Participant list on the right: Vishal Anand, Galaxy A50, Redmi, SHILPA JOSHI, snehal patil.



YEAR 2018-2019

One Week STTP on “IoT, Raspberry Pi and Python Programming”

Date: 02/07/2018 to 07/07/2018

**Organizing Department : Department of Electronics Engineering and Department
of Computer Engineering**

**Coordinator : Dr.Prerana Shrivastava
& Mr. R.D. Gawali**

**Convenor: Dr.Sheeba P. S.
&Dr.P. Nikumbh**

Major Course Contents:

- Introduction to IoT
- Raspberry Pi 3
- Python
- Wireless communication protocols&WiFi communication
- Use of RF & RFID
- 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:

1. **Mr.Krishnakant Mane**

Software Developer and Python Expert, Accion Labs

2. Ms.Prajakta Patkar

Python Expert and Project Manager, Accion Labs

3. Mr.Abhijith

System Architect and Analyst, Accion Labs

4. Mr.DineshSutar

Embedded System Programmer, Quasix Solutions

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 nurturing 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 development program encourages participants to do their research in the upcoming 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 knowledge of recent trends in Engineering and educate the faculties. Faculties can upgrade their knowledge 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 - Director

Patrons

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 Engineering Department

Coordinators

Dr. Prerana Shrivastava
Email Id - prerana01@hotmail.com
Mobile No. - 9820319770
Prof. Rajendra Gawali
Mobile No. - 9892124798

Organizing Committee

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 Ramtekkar
Mr. Jayendra Jadhav
Mrs. Swati Choudhary
Mr. Sudhakar Jadhav
Mrs. Neeta Gargote
Mrs. Rakhi Akhare

LTJSS's

**LOKMANYA TILAK COLLEGE OF
ENGINEERING**



**One Week STTP
on**

**"IoT, Raspberry Pi and Python
Programming"**

2nd to 7th 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
<https://www.ltce.in>

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
- Popular cloud computing services
- IoT based application projects
- Mobile application connectivity

Raspberry Pi 3

- Board Features – History and Evolution
- Hardware Description
- Functional Schematics
- Setup and operate the Raspberry Pi 3
- Software and OS Options used on Pi 3
- Message & Mail communication
- Programming using Raspberry Pi 3 sensors,LEDs,switches etc.

Python

- Python Basics and programming
- using python on Raspberry Pi 3
- Wired connectivity
- Ethernet
- Serial communications
- Wireless communication protocols
- WiFi communication
- Use of RF & RFID
- Zigbee Implementation (IEEE 802.15.4)
- Use of Bluetooth or Bluetooth Low Energy
- Configuring WiFi module using AT commands
- Uploading data on cloud using Python
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- Shri. Abhijeet Deshpande - Director

Patrons

- Dr. Vivek Suntrapwar - Director (B & A)
- Dr. Vivek Vakkondi - Principal
- Dr. Subhash Shinde - Vice Principal

Conveners

- Dr. Shreha P.S. Head of Electronics Engineering Department
- Dr. Pravin Nikumbh Head of Computer Engineering Department

Coordinators

- Dr. Prerana Shrivastava Email Id - prerana01@lctce.l.com Mobile No - 9820339770
- Prof. Rajendra Gawali Mobile No - 9822124798

Organizing Committee

- Mrs. Meenika Mangal
- Mrs. Shilpa Jadhav
- Mrs. Sneha Bankar
- Dr. Shilpa Wakode
- Mrs. Sushila Yadav
- Mr. Nitin P. Jain
- Mrs. Jyoti More
- Mrs. Trupti Bharkare
- Mrs. Saajivani Deskar
- Mrs. Sushma Divsani
- Mrs. Sneha Ambekar
- Dr. Yashodi Rameshkar
- Mr. Jayendra Jadhav
- Mrs. Swati Choudhary
- Mr. Sudhakar Jadhav
- Mrs. Neeta Gargate
- Mrs. Rakhi Akhane

LTJSS's

LOKMANYA TILAK COLLEGE OF ENGINEERING



One Week STTP on

"IoT, Raspberry Pi and Python Programming"

2nd to 7th 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 <http://www.lctce.in>

Course contents

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- IoT basic concepts
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- Popular cloud computing services for secure management
- IoT based application projects
- Mobile application connectivity for IoT

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- Board Features – History and Evolution
- Hardware Description
- Functional Schematics
- Setup and operate the Raspberry Pi 3
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- Message & Mail communication through Raspberry Pi 3
- Programming using Raspberry Pi 3 for various applications like sensors,LEDs,switches etc.

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- WiFi communication
- Use of RF & RFID
- Zigbee Implementation (IEEE 802.15.4)
- Use of Bluetooth or Bluetooth Low Energy
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2. Ms.Prajakta Potkar Python Expert and Project Manager, Accion Labs
3. Mr.Abhijeet System Architect and Analyst, Accion Labs
4. Mr.Dinesh Sutar Embedded System Programmer,Quixis Solutions

Registration Fees

The Registration fees is Rs. 2000/- The course fee includes Registration fee, 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 15th June 2018

Venue

Sector 4, Vikas Nagar, Koparkhairane, Lokmanya Tilak College of Engineering, 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 on

"IoT, Raspberry Pi and Python Programming" 2nd to 7th July 2018

REGISTRATION FORM

Name : _____

Designation : _____

Qualification : _____

Institution : _____

Address : _____

Email : _____

Mobile No. : _____

Payment by Cash/Cheque: Cheque No. : _____, Dated: _____

Bank : _____

Amount : _____

Date : _____

Signature of Applicant _____

Seal and Signature of Sponsoring Authority _____



Lokmanya Tilak Jankalyan Shikshan Sanstha's
Lokmanya Tilak College of Engineering
Sector 4, Vikas Nagar, Koparkhairane, Navi Mumbai.

Summary Report of Online Faculty Development Program “Trends in Machine Learning and Data Science”

A Three days Faculty Development programme was organized by Department of Computer Engineering, Computer Science & Engineering (Artificial Intelligence and Machine Learning) and Computer Science & Engineering (Data Science) on “**Trends in Machine Learning and Data Science**” from June 28 to June 30, 2021 under **IQAC**. The program received an overwhelming response from faculty and aspiring researchers across several universities. A total of 148 participants registered for the event from various Institutes. During this event, eminent experts from Industry and academia guided the participants on various aspects of Machine Learning and Data Science. 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. The participants’ feedback claims that the FDP was quite beneficial for them. It also helped them to channelize their research in a particular direction. Many participants also requested to arrange similar FDPs in the future.

An e-certificate was issued to the participants who successfully completed the programme. Also, a free six months access to two e-books related to machine learning was provided by Wiley publications to all the participants.

Dr. Jyoti More
Dr. Monika Mangla
Prof. Rajendra Gawali

Dr. Subhash K. Shinde

Dr. Vivek Sunnapwar

FDP Coordinator

Vice Principal & Convenor

Principal, LTCE



Summary Report of Online Faculty Development Program organized by Computer Engineering Department



Lokmanya Tilak Jankalyan Shikshan Sansthan's
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)

A Three days Faculty Development programme was organized by 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.

DEPARTMENT OF MECHANICAL ENGINEERING

NAAC CRITERIA 6.5.2

YEAR 2020-21

Conferences, Seminars, Workshops on quality conducted UNDER IQAC

1) 3 DAYS FACULTY DEVELOPMENT PROGRAM –ON Innovation enabling Industry 4.0 , 28th June 2021 to 30th June 2021

<p>Chief Patron Dr. Shri Satish Jhantul Chaturvedi Smt Abha Satish Chaturvedi Shri Dushyant Satish Chaturvedi</p> <p>Patron Dr. Vivek Sunnapwar</p> <p>Convener Dr. Vivek Yakkundi Dr. Chandrababu D. Dr. Kavita H. Dhanawade</p> <p>Organizing Committee Prof. Shweta Masey Prof. Sunita Gajare Prof. Krishna Dmivedi Prof. Ajay Kashikar</p> <p>About the Institute The Lokmanya Tilak College of Engineering was established in 1994 named after the great freedom fighter and social reformer of India Lokmanya Tilak. The College approved by AICTE, New Delhi and Government of Maharashtra, and is affiliated to the University of Mumbai. Within the span of 25 years since its inception, LTCE has grown leaps and bounds. The Institute is also accredited by NAAC and offers various courses at U.G., PG and PhD level. The Institute has Undergraduate Programmes in Mechanical Engineering, Computer Engineering, Electronics & Tele-communication Engineering and Electrical Engineering. Post-graduate and Doctoral Programmes in Mechanical Engineering and Computer Engineering.</p> <p>About the Department The department of Mechanical Engineering was established in 1994, having illustrious history and offers Bachelor of Engineering, Master of Engineering and Doctoral degree programs. The department is vibrant with several activities round the year. We have research focus that benefits industry, society and the environment. The department is fortified with highly motivated faculty members, who besides their regular activities of teaching, do research and interact with industries. Faculties are actively involved in different sponsored projects funded by UOM, ICMR, SERB, ISHRAE, ASHRAE.</p>	<p>Technical Talk On</p> <ul style="list-style-type: none">Emerging Technologies and Digital Disruption.Micro stereolithography and Bulk lithography for 3D MicrofabricationIOT and Digital TwinsInnovation ManagementOrientation to Design Thinking and ApplicationIndustry 4.0 <p>Resource Persons Eminent experts of Faculty Development Programme</p> <ol style="list-style-type: none">Mr. Santosh Patil Customer Experience Consultant Tata Consultancy Services, MumbaiProf. (Dr.) Kiran Bhule Department of Mechanical Engineering Sardar Patel College of Engineering, Andheri West, MumbaiProf. (Dr.) Sahas P. Deshmukh Department of Mechanical Engineering Government College of Engineering, KaradAdv. Anand Maharikar Legal Associate Krishna Saurashtra Firms, PuneMr. Saurabh Sinha Founder & Managing Partner REIN Lab, Navi MumbaiMr. Visant S. Jog Founder Laxmi Educational Society, Shelu, Karjat <p>Contact for any queries Prof. Ajay Kashikar +91 98 905 28775 ajaykashikar@lce.in Prof. Krishna Dmivedi +91 98 937 83826 Krishna.dmive@lce.in</p>	 <p>Online Faculty Development Programme On "Innovations Enabling Industry 4.0" Under Internal Quality Assurance Cell (IQAC)</p> <p>28th June 2021 – 30th June 2021 [Session 1 – 10:30 am to 12:00 pm] [Session 2 – 01:00 pm to 02:30 pm]</p>  <p><i>Organized by,</i> Department of Mechanical Engineering LOKMANYA TILAK COLLEGE OF ENGINEERING Sector-4, Vikas Nagar, Koparkhairne, Navi Mumbai-400709. https://lce.in/</p> <p>REGISTER NOW! https://forms.els/ERWATvsniazSMEFZ6</p> <p> Google Meet</p> <p>QR Code for All Sessions</p>  <p>WhatsApp QR Code</p> 
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LIST OF PARTICIPANTS

FDP Registration on Innovations Enabling Industry 4.0 (Responses) - Excel (Product Activation Failed)


Timestamp	Email Address	Participant Name	Contact no	Name of Institute
6-26-2021 9:56:56	rajaji_spatil@rediffmail.com	Rajaji Anil Patil	9425077946	Rajarambapu Institute of Technology
6-26-2021 10:05:01	sachinvarjari@rediffmail.com	Sachin Vilas Varjari	9422389052	S.S.P.M.C.O.E
6-26-2021 10:12:18	prathameshpoddar12@gmail.com	Dr. Prathamesh R. Poddar	9878629233	Rajiv Gandhi Institute of Technology
6-26-2021 10:27:58	shiva_konade@rediffmail.com	Shivanand Bhamashankar Konade	9889878081	G V Acharya college sheku Mumbai
6-26-2021 10:31:07	pramodbagade@gmail.com	Pramodkumar Manikrao Bagade	9076279575	PVPIIT - Pune
6-26-2021 10:34:56	gmnave3@gmail.com	Yogesh Sampat More	9050090023	Sadar Pawar College of Engineering, Andheri, Mumbai
6-26-2021 10:43:45	pradepsy.gadav1990@gmail.com	Pradepsy Samarath Yadav	9030208982	M.H.Saboo Siddh. College of Engineering
6-26-2021 10:58:28	jeebhagat23@gmail.com	Jitesh Ganpat Bhagat	9804294491	GMVIT Tala
6-26-2021 11:26:07	kendevu@tce.in	Vishnu Subhash Kende	9421876887	Lokmanya Tilak College of Engineering
6-26-2021 11:30:44	maqaal80@rediffmail.com	Mohammed Aqal	9323956603	MHSSCOE MUMBAI
6-26-2021 11:54:47	krupal.mudgalale@gmail.com	Krunal Mudgalale	9885933368	PCCNagpur
6-26-2021 12:04:42	mha27mba@gmail.com	Bhavik A Mod	9730094867	SURFICE, Mira Road
6-26-2021 12:04:51	Khanwasim249@gmail.com	Mohammed Wasim Khan	9870927885	Theem Coe
6-26-2021 12:09:01	patiln45@gmail.com	Lina Kunal Vaghude	7276783790	GES'S Sir Di M S Gosavi Polytechnic Institute Nashik Poad Nashik
6-26-2021 12:21:06	a.mangrulkar@gmail.com	Amol Laxman Mangrulkar	9819878882	Rajiv Gandhi Institute of Technology
6-26-2021 12:28:52	shripa.satre@boocem.edu.in	Prof. Shripa M. Satre	9870632732	Bharati Vidyapeeth College of Engineering Navi-Mumbai
6-26-2021 12:29:22	spsukumar@gmail.com	Sukumar P	9799623003	VELALAP COLLEGE OF ENGINEERING AND TECHNOLOGY
6-26-2021 12:45:59	chetan.patil@sem.org.in	Chetan Pramesh Patil	7940065609	Sandy Institute of Technology and Research Centre Nashik
6-26-2021 12:59:33	k.kalpatkhalak@sem.org.in	Kalpatkhalak Phalak	9545454392	SIEM,Nashik
6-26-2021 13:03:53	ma5899@gmail.com	Mukesh Kumar	9032538223	Terna engineering college, Nerul, Navi Mumbai
6-26-2021 13:08:10	viyaja.krishnamoorthy@gmail.com	Viyaja K	9487639778	Valalar College of Engineering and Technology
6-26-2021 13:24:40	kkjadrao@gmail.com	Dr. Kiran Kalaram Jadhao	9503263892	Babasaheb Naik College of Engineering Puzad
6-26-2021 13:40:04	Shrikar.soni@gmail.com	Sushik Mahadevas Shrikar	9769095904	NIHITM Thane
6-26-2021 13:53:32	preethibagade1@gmail.com	Preethi Gaikwad Bagade	9793410077	Symbiosis Institute of Management
6-26-2021 14:54:52	viyajakm@gmail.com	Viyaj Ulvachik Kumari	9788076608	Lokmanya Tilak College of Engineering
6-26-2021 16:03:31	pravin@nhitm.ac.in	Pravin B Alone	9887031780	New Horizon Institute of Technology and Management, Thane
6-26-2021 16:09:30	milinddeotale@gmail.com	Prof. Milind Sheehrao Deotale	9224337299	Lokmanya Tilak College of Engineering
6-26-2021 17:45:36	nkshankar@rediffmail.com	Mahesh Subhashan Bhambane	7377322395	Lokmanya Tilak Collage of Engineering


SAMPLE CERTIFICATE

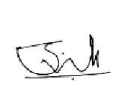
Lokmanya Tilak Jankalyan Shikshan Sanstha's
LOKMANYA TILAK COLLEGE OF ENGINEERING
 Sector - 4, Vikas Nagar, Koparkhairane, Navi Mumbai – 400709
DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

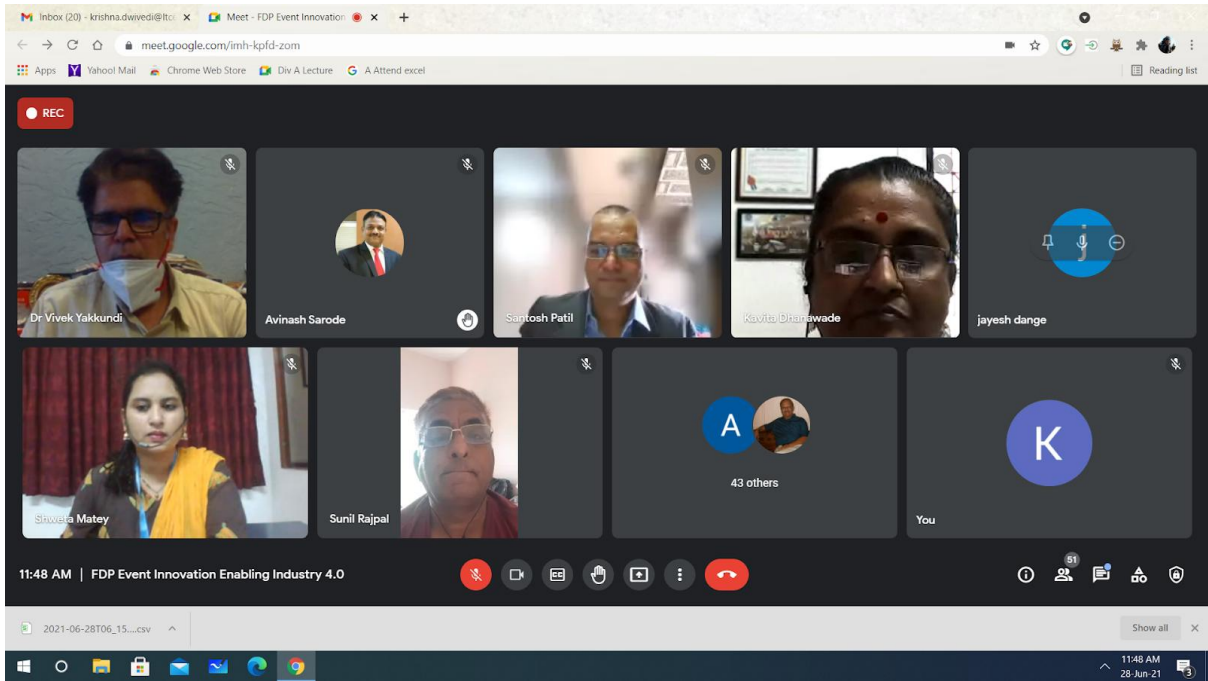
This is to certify that **Mukesh Kumar** from **Terna Engineering college, Nerul, Navi Mumbai** has attended Faculty Development Program on **"Innovations enabling Industry 4.0"** in association with **IQAC,LTCE** from **28th June to 30th June 2021**.


Dr. Kavita Dhanawade
 HOD(II)

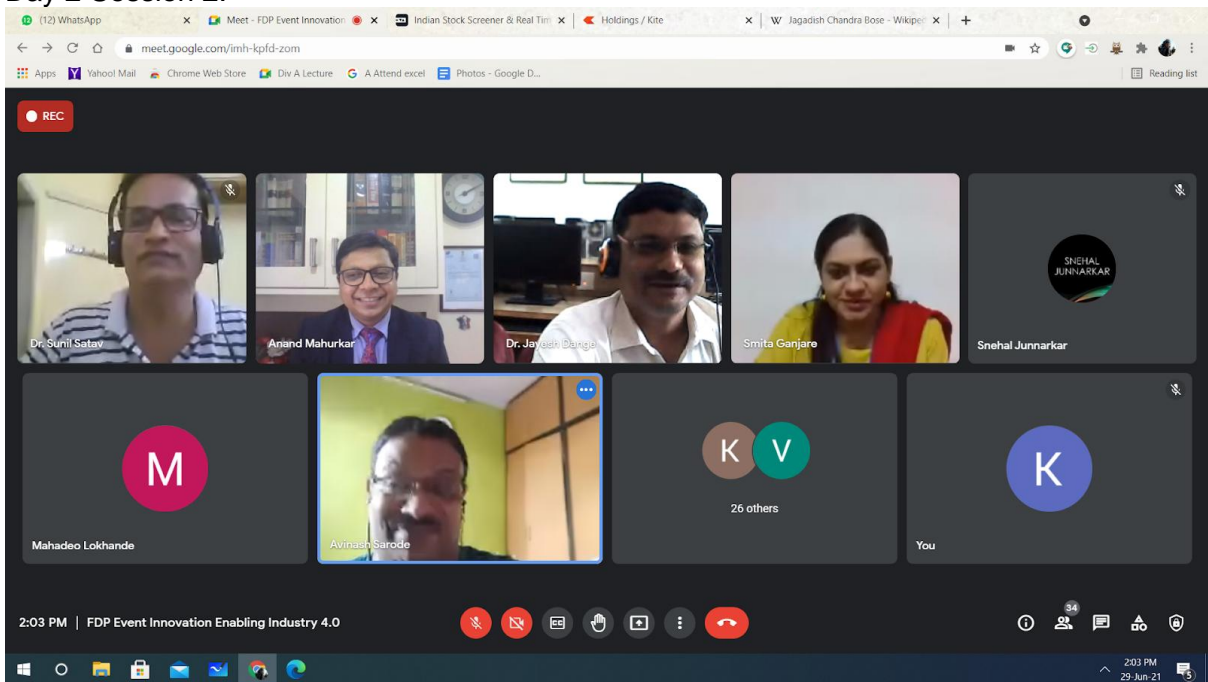

Dr. Chandrababu D.
 HOD (Mechanical)


Dr. Vivek Sunnapwar
 Principal

PHOTOS-
Day 1: Session 01



Day 2 Session 2:



Day 3 Session 1:

meet.google.com/imh-kpfd-zom?pli=1&authuser=1

REC Saurabh Sinha is presenting

rein labs
RESEARCH | INNOVATION | INCUBATION

Design Thinking in Education

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11:23 AM | FDP Event Innovation Enabling Industry 4.0

meet.google.com/imh-kpfd-zom?pli=1&authuser=1

REC Vasant Jog is presenting

- **Main reasons for Industry 4.0**
- 1. The background created by Industry 1.0, 2.0 and 3.0
- 2. Rapid progress of AI, Cloud, Big Data and Internet
- 3. Continuously decreasing manpower in Developed countries (Germany, Japan, European countries)
- 4. Getting work done through machines is therefore essential and unavoidable
- (India has 60 % population between 15 and 40) → Demographic dividend for some more years
- Increased usage of machines leads to increase in Quantity, Quality, Uniformity
- Machines do not get tired, No holidays, No overtime etc, No HR management issues, No Unions etc
- Robots are now more reliable, cheaper, Safe
- A Robot called 'Baxter' used to cost more than a crore. Now is available in less than 20 Lac

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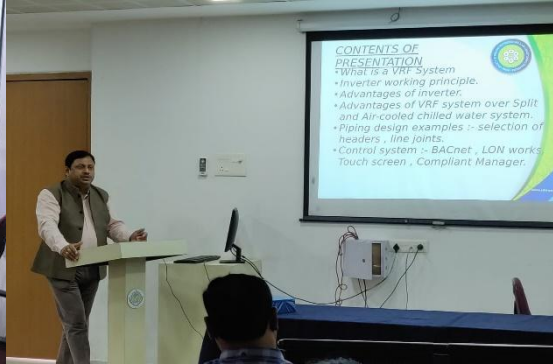
V.S.Jog Industry 4.0 9

1:38 PM | FDP Event Innovation Enabling Industry 4.0

**MECHANICAL ENGINEERING DEPARTMENT
YEAR 2019-20**

**ISTE Approved
Six Days Short Term Training Programme
On
“Advances in Heating, Ventilation, Air-Conditioning and Refrigeration”
(HVAC & R)
In association with
ISHRAE (Mumbai Chapter)**





Glimpse of Industrial Visit



‘एसटीटीपी’चे आयोजन

राहुल पोखरकर,
ए. पी. शाह इन्स्टिट्यूट ऑफ टेक्नॉलॉजी

कोपरखैरणे येथील लोकमान्य टिळक कॉलेज ऑफ इंजिनीअरिंग आणि 'इंडियन सोसायटी ऑफ हीटिंग, रेफ्रिजरेटिंग अँड एअर कंडिशनिंग इंजिनीअर्स (ISHRAE)' चे मुंबई चेंबर यांच्या संयुक्त विद्यमाने सहा दिवसीय शॉर्ट टर्म ट्रेनिंग प्रोग्राम अर्थात 'एसटीटीपी'चे आयोजन करण्यात आले होते. हीटिंग, वेंटिलेशन, एअर कंडिशनिंग आणि रेफ्रिजरेशन या क्षेत्रांमधील अद्ययावत तंत्रज्ञानाबाबतची माहिती विद्यार्थी तसेच शिक्षकांपर्यंत पोहोचवण्याचा या कार्यक्रमासाठी मुख्य उद्देश होता. मेकॅनिकल शाखेत शिक्षण घेणारे विद्यार्थी, शिक्षक यांमध्ये सहभागी झाले होते.

हीटिंग, वेंटिलेशन, एअर कंडिशनिंग आणि रेफ्रिजरेशन या क्षेत्रामध्ये काम करणाऱ्या विविध मान्यवरांचे मार्गदर्शन या कार्यक्रमाच्या माध्यमातून उपस्थितांना मिळाले. पहिल्या दिवशी आयआयटी मुंबईमधील मेकॅनिकल विभागाचे प्राध्यापक मिलिंद राणे यांनी 'ऊर्जा संवर्धन' या विषयावर मार्गदर्शन केले. आयआयटी मुंबई येथील प्रयोगशाळेत ऊर्जा संवर्धनासाठी त्यांनी तयार केलेल्या विविध उपकरणांची माहिती त्यांनी दिली. इक्वॅपोरेटिव्ह कूलिंग, हिट पंप, चिलर्स, ट्रान्सपोर्ट रेफ्रिजरेशन, वेपर अॅब्सॉरप्शन रेफ्रिजरेशन, नॅचरल कूलिंग आदी विषयांवर कंपन्यांमधील प्रतिनिधींची मार्गदर्शनपर सत्रे पार पडली. तुर्मे येथील 'नुटेक' आणि महापे येथील 'स्टुल्झ' या कंपन्यांना विद्यार्थी, शिक्षकांनी भेट दिली.



Lokmanya Tilak Jankalyan Shikshan Sanstha's

Lokmanya Tilak College of Engineering

Sector-4, Vikas Nagar, Koparkhairane, Navi Mumbai

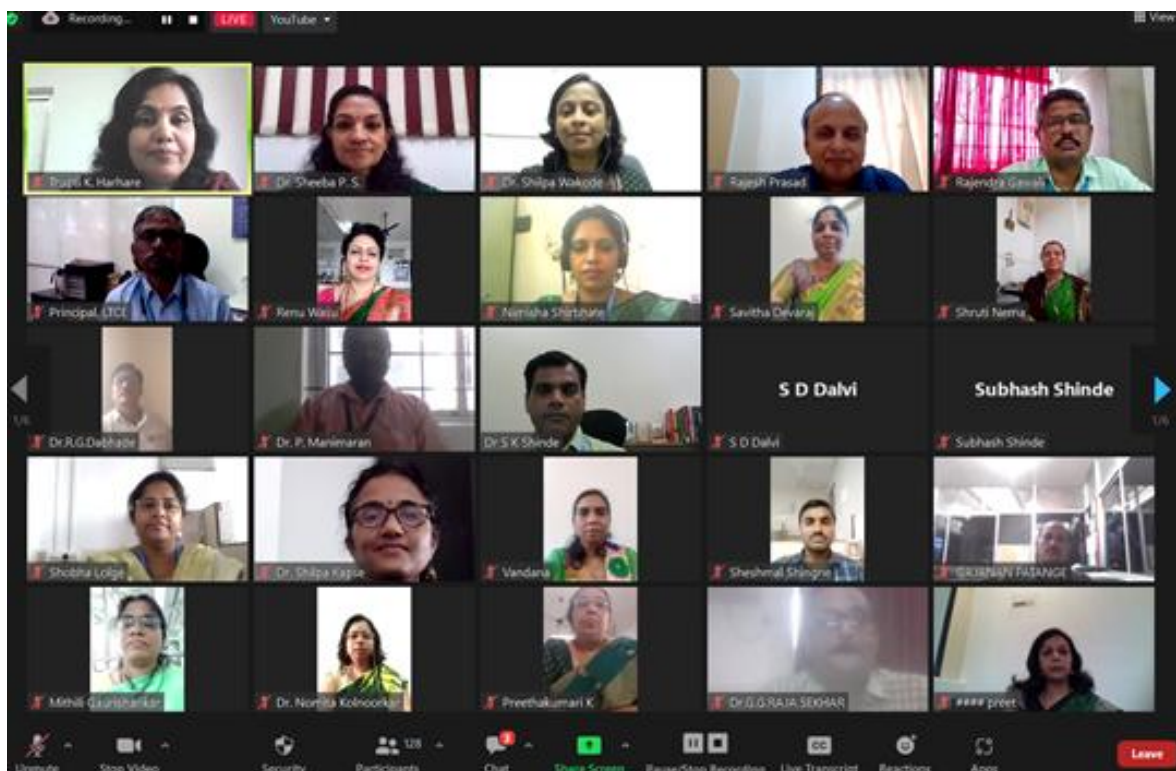
(Approved by AICTE, Affiliated to University of Mumbai, & Accredited by NAAC)



Brief Report of the Two- Days Online National Symposium
“Academic Challenges Towards Implementation of NEP in HEI’s”
29th and 30th September 2022

NAAC sponsored Two Days On-line National Symposium on “Academic Challenges towards Implementation of NEP in HEI’s” was organized by IQAC of Lokmanya Tilak College of Engineering, Navi Mumbai on 29th and 30th September 2022. Dr. Devendra Kawadey, Advisor NAAC inaugurated the symposium with his keynote address. He emphasized upon the need to bring the changes in the existing education policy specifically in HEI’s. In the sessions that followed, Dr. Sheila Rai, Chairperson, Indian Policy Foundation, New Delhi, focused upon New Education policy 2020 and implementation challenges. Dr. Milind Pande, Pro Vice Chancellor, MITWPU, Pune, shared his insight on “Role of Teacher as envisaged in NEP 2020”. He focused on being transformative rather than replacing teachers by technology. Dr. Vivek Nanoti, Director LTJSS, Priyadarshini Group of Institutions Nagpur focused on student’s 360-degree development. He explained timelines for implementation in NEP 2020.

Day 2 started with the expert lecture by Dr. Suhasini B. Aarya, Director, Smt. K. G. Mittal College of Arts and Commerce, Malad, Mumbai. She delivered session on “Teacher’s opportunities in National Education Policy”. Dr. Vivek Sunnapwar, Principal, LTCE, enlightened the participants by basic principles of NEP and gave importance to reduce curriculum content to enhance essential learning and critical thinking. Dr. Subhash Shinde, Vice Principal LTCE, Dr. Sheeba P. S., HoD, CSE (IoT & CSBT) and Dr. Santosh Dalvi, Associate Professor, Mechanical Engineering, LTCE, presented a session on “Online A & A Methodology in Revised NAAC Accreditation Framework”. They explained about the new accreditation framework, the assessment process and benchmarking of best practices. Dr. R. K. Mahajan, Registrar, GNA University, Phagwara discussed on the various hurdles and challenges in implementing NEP. The expert lectures were followed by question-and- answer sessions. More than 400 participants from all over India registered for the event with 180+ participants from outside the state of Maharashtra.



Online Session



National Symposium Organizing Team

First Year Engineering Department organizes

Faculty Development Program

Health Management Through Yoga

12 oct-14 oct

Resource Persons

Speaker-Prof. K. Ratna Srinivas

Asst. Prof. Applied Mathematics, LTCE
Teacher certified from Yog Vidya Niketan.

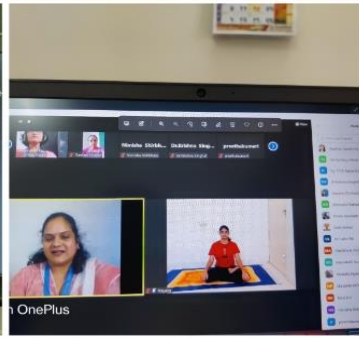
Demonstrator-Ms. Nayana Prabhakar

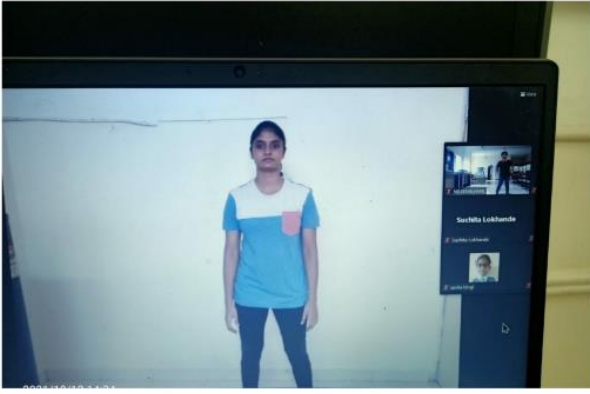
Teacher certified from Yog Vidya Niketan.

Objective of the Program

- Overall well-being & Quality of life
- Stress and anxiety management
- Healthy Sickness Free body

Fifty plus participants attended the FDP through zoom platform from various colleges and Institutes. Yogic Practices for Spinal Health, Digestive System were explained and demonstrated. Introduction to Bandhas, Pranayama, Mudras was given.





This image shows the Zoom meeting interface. At the top, there is a list of participants: Meenakshi Sonth, smita badwe, Anandi Kawathekar, Dr. Sunita Pal Pal, and Saumya Philip. The main video area shows a close-up of a woman with dark hair, wearing a patterned top, who appears to be speaking. On the right side, there is a chat window with a search bar and a list of participants. The chat contains a message: "Attendance link will be shared in chat box towards the end of the session." and another message: "Nayana mam, please make".