Marathwada Mitramandal's
# COLLEGE OF ENGINEERING
S.No.18, Plot No.5/3, Karvenagar, Pune-411 052
*Accredited with 'A' Grade by NAAC*
*Accredited by NBA (Electrical and Mechanical Engg. Department)*
*Recipient of 'Best College Award 2019' of SPPU*
*Recognized under section 2(f) and 12B of UGC Act 1956*

# Criterion 3

## 3.2: Innovation Ecosystem

**3.2.2** **Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years**

| Sr. No. | Parameter | Academic Year | Number of Workshops/seminars/ conferences |
|---------|-----------|---------------|-------------------------------------------|
| 1 | Workshops/seminars/ conferences | 2021-22 | 44 |
| 2 | | 2020-21 | 34 |
| 3 | | 2019-20 | 48 |
| 4 | | 2018-19 | 47 |
| 5 | | 2017-18 | 30 |
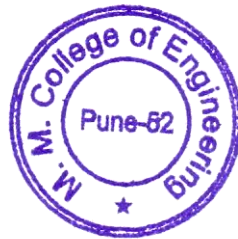
## Marathwada Mitramandal's
# COLLEGE OF ENGINEERING
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# *Academic Year*
## 2020-21

| Sr. No. | Name of the workshop/ seminar/ conference | Page No. |
|---|---|---|
| 1 | Five Days FDP on "Advancements in IOT" under CSI Student Chapter MMCOE, Pune (Online) | 4 |
| 2 | Three days FDP on "NBA Accreditation and Outcome Based Education" | 6 |
| 3 | One day workshop on "Hands-on session on R programming " | 9 |
| 4 | One day Online FDP on "Software Engineering" in association with SPPU | 11 |
| 5 | One day workshop on 'AWS Cloud' under CSI | 15 |
| 6 | One Week Training Program on PLC and SCADA under Center of Excellence | 18 |
| 7 | Two Week Online Hands-on-Course on "Internet of Things" (IoT) using NodeMCU | 23 |
| 8 | Two days' Workshop on "Outcome Based Education" | 25 |
| 9 | Allen Bradly PLC Hands-on course for BE & TE students | 30 |
| 10 | 5 days Master Class on Power Electronics using Matlab conducted by pantech prolab india Pvt. Ltd | 33 |
| 11 | 30 days Master Class on Matlab simulink conducted by pantech prolab india Pvt. Ltd | 36 |
| 12 | "Computer Networking and Security: An Industry Perspective" By Suraj Patil, IT Security Expert SBI | 39 |
| 13 | Introduction to Model United Nations by Sujay Patil | 40 |
| 14 | Electronics Engieer mhanun kase ghadvave? by Chittranjan Mahajan Sir | 41 |
| 15 | "Expectations of Industries from Freshers" | 42 |
| 16 | " Upcoming Technologies and Opportunities in Telecom Sector:, by Mr. Sanjay Thakare, Sr. Divisional Engineer, BSNL | 43 |
| 17 | " BE Project Ideation" by Mrs. Supriya Kadam, Vigyanashram , Pune | 44 |
| 18 | Three days Workshop on "Report writing using LaTex" | 45 |
| 19 | Project Report writing | 48 |
| 20 | Four days hands-on workshop on "Machine Learning ML.PY" | 50 |

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## *Academic Year*

## 2020-21

## Department of Computer Engineering                Date- 16/06/2020

## Report of Five Days Online FDP on "Advancements in IoT"

**Title of Program:** 5 days online FDP on " Advancements in IoT"
**Date:** 8th to 12th June 2020
**Mode of Conduction:** Google Meet- Live stream to Youtube channel (MMCOE Official YouTube Channel)

Department of Computer Engineering organized five days online Faculty Development Program in "Advancements in IoT" during 8th to 12th June 2020  in association with CSI Students Chapter,MMCOE,Pune.The FDP received overwhelming response with total 427 participants participating in from different colleges from all over India.

The FDP began with inaguration function with welcome and introduction of MMCOE,Computer Department and followed by introduction of Chief guests by Mrs. Asma Shaikh and Mrs. Sarita Sapkal,FDP coordinators. Dr. Sandeeep Chaware, FDP convener briefed about the FDP. Inaguration was further addressed by Dr. S. M. Deshpande, Principal, Dr. H.K. Khanuja, HOD, Department of Computer Engineering, MMCOE,Pune. Mr. Pradeep Rathi, Regional Vice President , CSI Region-6, Chief Guest of inagural function addressed the participants with his motivational speech. Mrs. Shubhada Mone,Mrs. Geetha Chillarge also coordinated with the FDP.

The First session of day one began with topic " Overview of IIoT " by Mr. Tushar Kute,MITU Skillologies, Pune at 2.00 pm.

### FDP Outcome

1. Knowledge and underatanding of concepts of Overview of IIot,IIoT 4.0
2. Effective usage of IoT deployment for different sectors.
3 Understanding various sensors and sensor based applications using wireless sensor modules
4. knowledge and underatanding of AWS IoT , Iot networking and Cloud and IoT security
5. Exploring various research opportunities in IoT

**Relevance to POs and PSOs for FDP:**
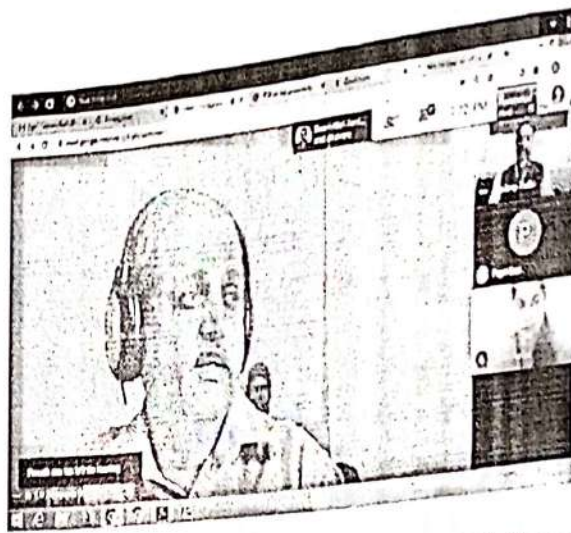
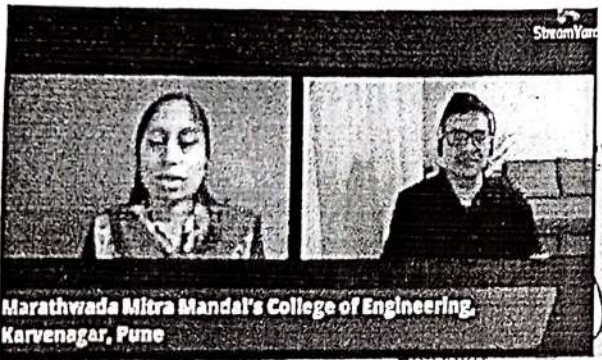| PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 |  | 2 |  | 3 | 3 | 2 |

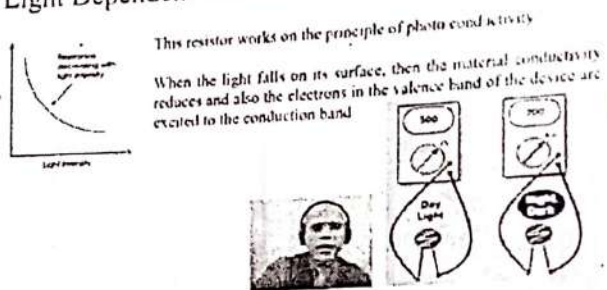# Photos with caption:



Mr.Pradeep Rathi,Chief Guest



Dr.S.M.Deshpande,Principal,MMCOE,Pune



Dr.Himanshu Agarwal,Resource Person ,
Mrs. Asma Shaikh ,FDP Coordinator

## Light Dependent Resistor (LDR)



This resistor works on the principle of photo conductivity

When the light falls on its surface, then the material conductivity reduces and also the electrons in the valence band of the device are excited to the conduction band

Dr. Ninad Mehendake,Resource person



Dr.Dattatray Parle,Resource Person ,
Mrs. Sarita Sapkal,FDP coordinator



Dr.S.M.Chaware, FDP Convener and resource
person

Staff Coordinator

HOD

MMCOE/COMP/File No. - 31/ 2020-21/Sem I

5

## COLLEGE OF ENGINEERING, PUNE
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## Department of Computer Engineering

**Date- 22/06/2020**

## Academic Year 2020-2021, Sem-I

### Report of FDP

**Topic: 'NBA Accreditation and Outcome Based Education'**

**Date & Time:** 18th June to 20th June 2020 11.00AM to 3.00PM

**No. of Participants:** 38

**Mode of Conduction:** Online

**Co-ordinator for the FDP:** Ms. Shailaja Jadhav

**Speaker of Guest FDP:**
1. Dr. V. S. Bandal (Principal, Government Polytechnic, Pune)
2. Dr. M. B. Kumthekar, (Principal, GCOE, Nagpur)
3. Dr. Ashutosh Marathe , (VIT, Pune)
4. Dr. Sachin Sakhare , (VIIT, Pune)
5. Dr. Anuradha Thakre, (PCCOE, Pune)
6. Dr. Mrs. M. A. Pradhan, (AISSMSS, Pune)
7. Ms.M. S.Vanjale, (AISSMSS,Pune)
8. Dr. Shrikaant Kulkarni, (VIT, Pune)

**Topics covered in FDP:**

- Outcome Based Education: Importance and Norms
- NBA Guidelines for Evaluation of courses offered by Tier II Institutions
- What is the Process followed for NBA accreditation?
- NBA Prequalifier and Elligibility
- Teaching Learning Tools supporting OBE
- Learners Assessment and Evaluation Tools
- Mapping and Achieving PO attainment , Rubrics Design
- Case Study- Program Outcome Attainment
- Academic Audit and Budget

MMCOE/COMP/File No. - 31/ 2020-21/Sem 1

# Criteria wise Planning –
# Faculty information & Performance

- Faculty Academic work

- Faculty Research work

- Faculty professional activities

- Faculty appointment orders and admin clarity

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# Summative assessment

- Assessment of learning
- Use to measure and record an learner's attainment
- demonstrate the "sum" of what learner have or have not learned.
- Summative assessment methods are the most traditional way
- Either internal or external
- End of Module/Unit Class test , Insem, Endsem, Practical Examination
- Students achievement measured against particular standard or specification
- Formally recorded and contributes final rank or grades
- Purpose of summative assessment
  (Attained expected outcomes)
  1) Remedial lessons (Class Test, Insem)
  2) Evaluate effectiveness of instruction
  3) Assign grades / rank, certify competence

You

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meet.google.com is sharing your screen. Stop sharing   Hide

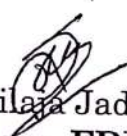MMCOE/COMP/File No. - 31/ 2020-21/Sem I

7

**Discussions with HoD/ Program Coordinator**

- TNA, Training to faculty (domain, pedagogy, industrial) objectives and outcomes
- Industrial training / Internship policy objectives and outcomes
- CO- PO mapping and assessment of CO
- Sample calculations for attainment of Pos and PSOs
- Admission status and variations and any strategy to improve quality
- Any professional activities to attain CO, PO
- Department /Faculty contributions, Research projects

Ms.Shailaja Jadhav
**Convener, FDP**

Dr. Harmeet Khanuja
**HOD Comp**

# COLLEGE OF ENGINEERING, PUNE
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## Department of Computer Engineering

Date-17/10/2020

## Academic Year 2020-2021, SEM-I

**Report of one day workshop on "Hands on Session on R programming with Real Time Case studies" under CSI**

**Topic:** Hands on Session on R programming with Real Time Case studies

**Date & Time:** 17th October 2020 10.00 am to 12.00 pm and 1.00pm to 3.00pm

**Class:** TE I and TE II          **No. of Students Present:** 83

**Venue:** Online Platform Google Meet

**Co-ordinator for the guest lecture/Seminar:** Dr Harmeet Khanuja
                                                Ms Asma Shaikh

**Speaker of Guest Lecture/Seminar:** Ms Sumitra Pundlik

**Designation and Experience:** Professor at MIT SCOE Loni Kalbhor

**Contact Number:** 9881464047

**Email Id:** sumitra.pundlik@gmail.com

**Topics covered in Guest Lecture/Seminar:**
1. Basic features of R. R Objects.
2. Creating Vectors and Matrices.
3. Managing Data frames and Functions.
4. Measures of association (covariance, correlation), Outliers.
5. Using R for descriptive statistics and data visualization using ggplot2 package.
6. Training, Validation, Testing, Generalization, over fitting.
7. Building a Regression model using R.
8. Using Decision trees, Linear Classifiers, Naïve Bayes, nearest neighbour methods in R packages.

## Outcome for Event

Students are able to

9. Understand usage of modern tools (PO5) and motivated to learn new technologies (PO12) for solving real time /social problems(PO6,PO7) by applying engineering knowledge(PO1).

- Observe professional ethics (PO8) and effective way of communication and interaction (PO10)

## Relevance to POs and PSOs for Guest Lecture/Seminar:

Relevance to POs and PSOs for Guest Lecture/Seminar:

| PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| 2 | | | | 2 | 1 | 1 | 2 | | 2 | | 3 | 2 | |

## Photos with caption:



**Staff Coordinator**

**HOD**

# College of Engineering, Pune

Karvenagar, Pune-411052

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## DEPARTMENT OF COMPUTER ENGINEERING

Report on

One day Online FDP on "Software Engineering" (SE Course 2019)

Date: 15/1/2021

The Department of Computer Engineering had organized one day online faculty development programme on "Software Engineering" (SE Course 2019) in association with Board of Studies Computer Engineering, Savitribai Phule Pune University on 13th January 2021.

### About the Workshop:

The faculty development programme (FDP) is aimed to address fundamental theory, recent developments and research outcomes related theoretical and practical approaches for various Software Engineering tools.

The FDP is also indented to develop understanding of:

- Basics of Software Engineering
- Perspective of Industrial approaches towards Software Engineering
- Revised SPPU SE Syllabus 2019 course – Software Engineering

### Contents covered during the workshop:

- Introduction to Software Engineering and Software Process Models
- Estimation and Scheduling
- Software Requirements Engineering and Analysis
- Design Engineering
- Risks and Configuration Management
- Software Testing

### Resource Person for the workshop:

- Dr. Manjusha Joshi, SKN COE, Pune
- Dr. Dinesh Hanchate, Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology, Baramati
- Mr. Vishal Jain, Ms. Preeti Chellam and Mr. Sovan Panda,Edify Accelerators, Bangalore
- Mr. Devraj Sanyal BDEC, Bangalore

### Conduction of the Programme:

The program started with the an inaugral session. Dr. Parikshit Mahalle sir, Member - Board of Studies (Computer Engineering), Savitribai Phule Pune University, Dr. Geetanjali Kale madam, Member - Board of Studies (Computer Engineering), Savitribai Phule Pune University, Dr. Sunil Deshpande Principal, MMCOE, Dr. Harmeet Khanuja, HOD, Computer Engineering Department, all the participants and faculties of Computer Engineering department were present during inauguration of the programme.

Prof. Asma Shaikh being convener of this FDP presented welcome note on behalf of Organizing Committee. Dr. Harmeet Khanuja, Head of Computer Engineering Department, MMCOE, gave introductory note about the purpose and objectives of the FDP. Dr. Parikshit Mahalle, Board of Studies (Computer Engineering), Savitribai Phule Pune University, highlighted the purpose of

Software Engineering and revised SE syllabus 2019 and Dr. Sunil Deshpande Principal, MMCOE Principal, addressed the participants and gave his best wishes for the event. Total 208 participants have attended the FDP and we received very good feedbacks for the event.

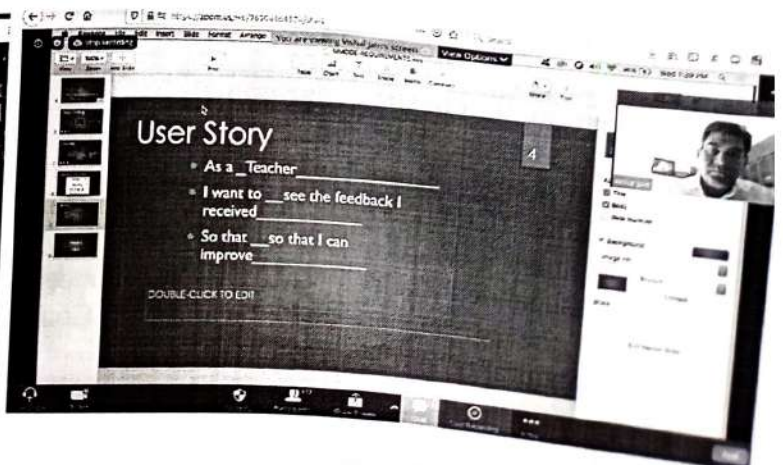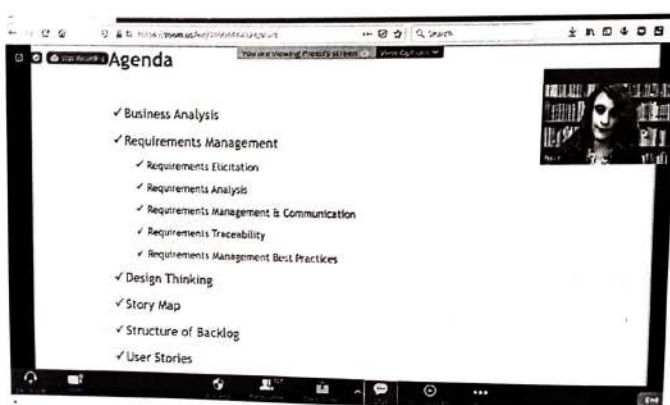Then the technical session were conducted in following order.
1. Dr. Manjusha Joshi highlighted Software Engineering and Software Process Models.
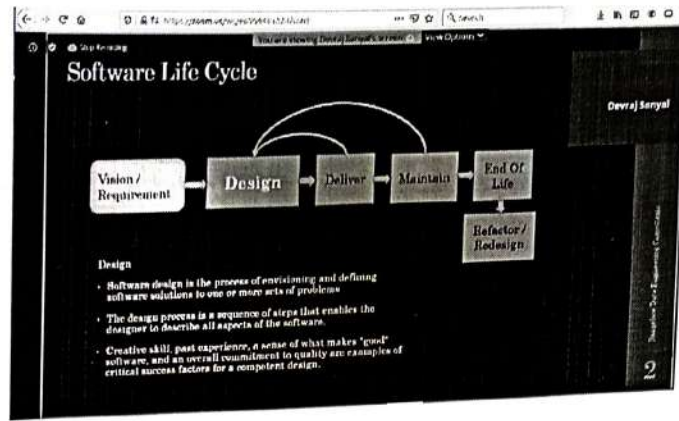


2. Dr. Dinesh Hanchate explained on Estimation and Scheduling aspects.
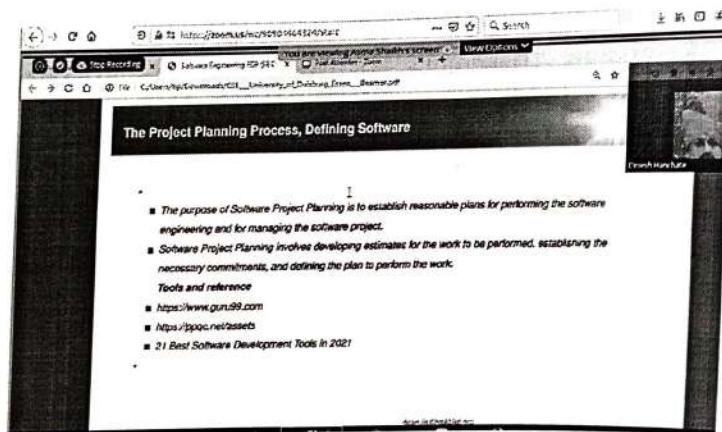


3. Mr. Vishal Jain , Ms. Preeti Chellam briefed about Software Requirements Engineering and Analysis

4. Mr. Devraj Sanyal – BDEC delivered a session on Design Engineering

5. Mr. Vishal Jain , Mr. Sovan Panda talked about Risks and Configuration Management
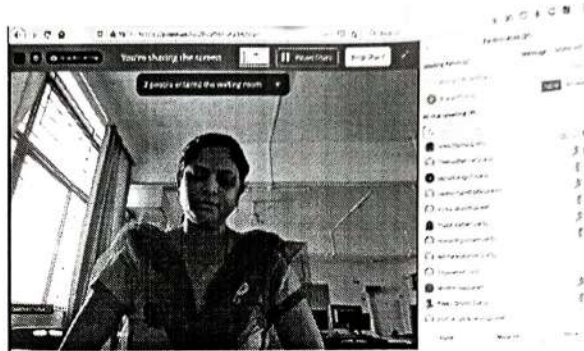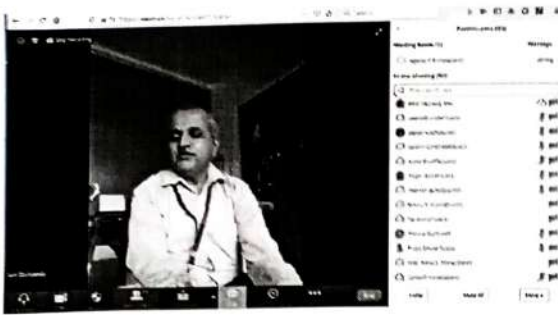


6. Mr. Devraj Sanyal  explained the absics of Software Testing using demonstartion

The following are some glimpses of inaugral event.



**Outcomes:**

The participants are able to,

- Understand software engineering process and formulate design solution for a software.
- Identify and handle risk management and software configuration management
- Utilize knowledge of software testing approaches for validation

Ms. P. K. Dhule
Prepared By

Ms. A. A. Shaikh
Convener

Dr. Harmeet Khanuja
HOD, Computer Engg. Dept.

14

# COLLEGE OF ENGINEERING, PUNE

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## Department of Computer Engineering

**Date- 18/03/2021**

### Academic Year 2020-21, Sem-II

### Report of One day Workshop on "AWS Cloud" under CSI

**Topic:** AWS Cloud

**Date & Time :** 18/03/2021  10.00 am to 2.00 pm

**Class :** BE students             **No. of Students Present:** 59

**Mode of Conduction: Online Gmeet Link-** https://meet.google.com/dvo-pmnh-hpv

**Co-ordinator for the Workshop :** Ms. P.S. Mehta,Ms.Geetha Chillarge

**Speaker of Workshop :** Ms. Seema Dixit

**Designation and Experience: Lead Trainer and Security Analyst in IQSPL Pvt Ltd, Pune , 18 years**

**Contact Number: 9960837786**          **Email Id: seemapdixit@gmail.com**

**Topics covered in Workshop :**

Following topics was covered during Workshop
1) Hands-on session on AWS Cloud - Services offered by Amazon Hands-on Amazon, EC2 - Configuring a server, Creating an Elastic Block Store Volume , Amazon S3 bucket and manage associated objects. AWS Load Balancing Service, Elastic Load Balance service.
2) Demonstration Saas and creating cloud database such as RDS,Dynamo DB, S3 Services
3) AWS instance creation and termination
3)Future trends and opportunities in cloud computing

**Outcome for Workshop :** Students are able to,
● Understand and design complex engineering problems using modern tools (PO1,PO5), (PSO1) and motivated to learn new technologies (PO12) for solving real time /social problems(PO6) by applying engineering knowledge(PO1).
● Observe professional ethics (PO8) and effective way of communication and interaction (PO10)

MMCOE/COMP/File No. - 50/ 2020-21/Sem II

## Relevance to POs and PSOs for Workshop:

| POs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mapping | 2 | | | | 2 | 1 | | 1 | | 2 | 2 | 3 | 3 | 3 |
| Attainment | 2.85 | | | | 2.85 | 2.67 | | 2.71 | | | 2.73 | 2.85 | 2.81 | 2.85 |

## Photos with caption:
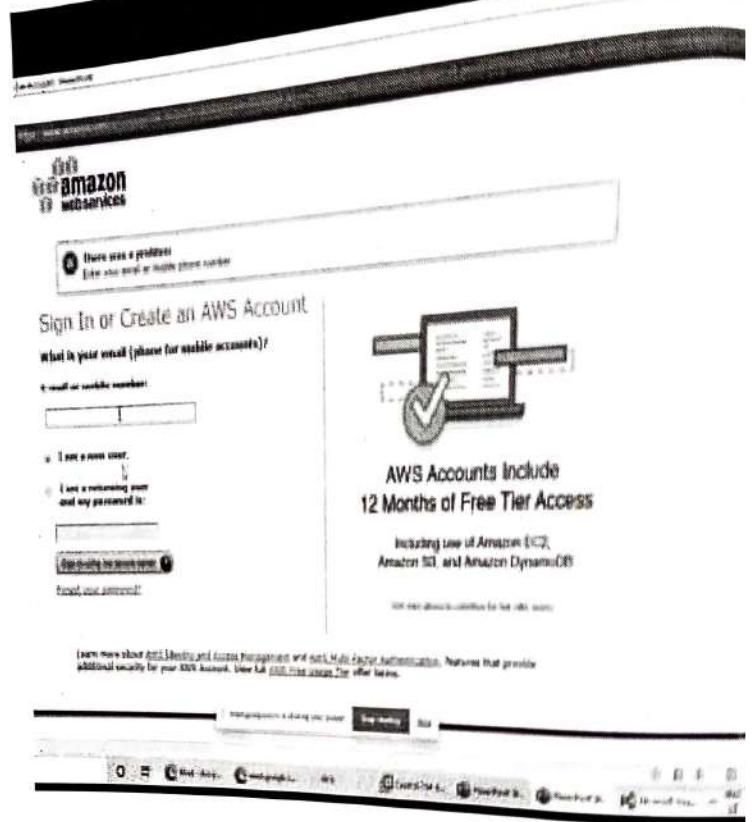


Inaugaration



AWS Account Creation



16
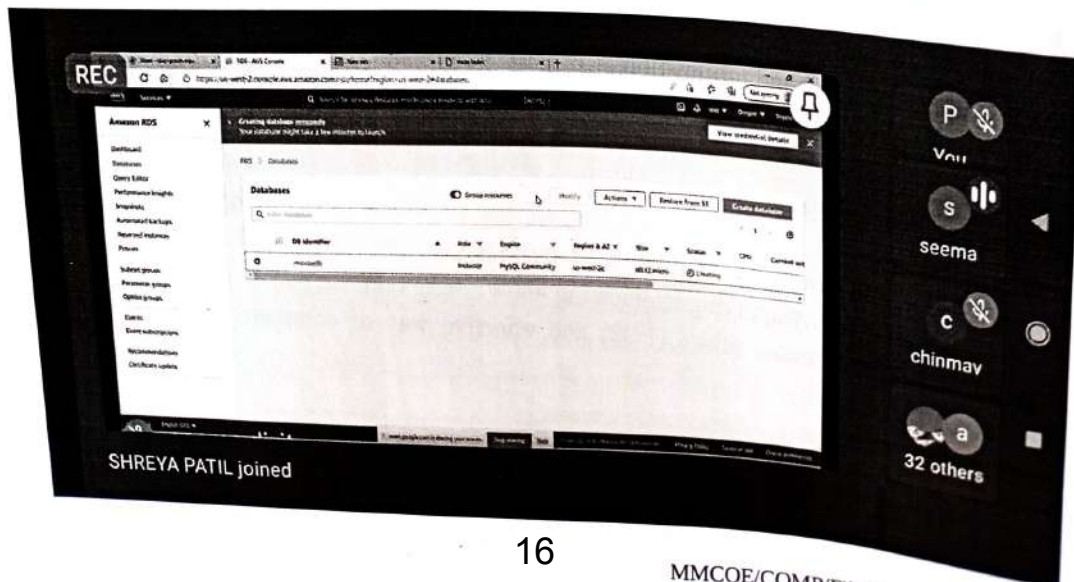
## Database – RDS



## S3 Bucket



### Website Hosting on AWS

Following faculty members attended workshop:
1. Ms. P.S. Mehta
2. Ms. G.R.Chillarge
3. Ms. P.G. Muchate

Online Recording Link:
session 1. https://drive.google.com/file/d/1Ov2qN1dOdzANJBcEraQm6W4pZ0X1ynez/view?usp=sharing
session 2. https://drive.google.com/file/d/1o0Sk86hBVW2UaGQ2Ty1conXnkeHrhYCV/view?usp=sharing

Staff Coordinator

HOD

# Marathwada Mitra Mandal's College of Engineering

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# Department of Electrical Engineering

(A.Y. 2020-21)

Date: 29/08/2020

## Training Program on PLC and SCADA

### REPORT

The Electrical Engineering Department had organized the One Week Training Program on PLC and SCADA under Centre of Excellence from 24th to 28th August 2020. Total 5 staff members participated in the program. This program had covered the topics of PLC Architecture, PLC Applications, and Home Automation.

Design of PLC based programming and interfacing of PLC with SCADA for monitoring and controlling the plant was discussed in the training.

Dr. V. N. Gohokar

Coordinator

Professor and Head, Electrical Department

18

# Marathwada Mitra Mandal's College of Engineering

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## Department of Electrical Engineering

Accredited by National Board of Accreditation (NBA)

**Two Weeks On-line Hands-on Course**

# IoT (Internet of Things) Using NodeMCU

### Course Instructor: Dr. V. N. Gohokar

The list of hardware we are going to use in the training is included in the program schedule. If you can arrange or purchase the hardware, you will be able to do the practical side by side. We will be demonstrating the practical through video and will be sharing the video and images for your further reference.

**Course Outcomes:**

| | Participants will be able to |
|---|---|
| 1 | Build circuits for signal acquisition and conditioning using NodeMCU (BTL-3) |
| 2 | Experiments with sensors and actuators and choose the right sensor for application (BTL-3) |
| 3 | Determine the performance of IoT based automated process (BTL- 5) |
| 4 | Design and develop IoT based applications (BTL-6) |

| Day | Session (1 hr 30 min) | Content |
|---|---|---|
| 1 | Introduction to IoT | Basics building blocks, Architecture, Standards, applications, such as home automation, agriculture, Industrial, health care, State of Art, IOT platform (hardware) example Intel Galileo, Intel Edison, ESP32Rpi, Arduino, NodeMcu etc., comparison and usage. |
| 2 | Open source IoT platforms | Arduino, Introduction to Arduino ide, Understanding the sketch, Simulation on opensource platform like Thinger cad |
| 3 | Introduction to Node Mcu | Features, Pin configuration, GPIO |

| | | |
|---|---|---|
| 4 | **Hands-on with Node Mcu** | Configuration, installation of library, First Program on Arduino IDE, Digital Output (LED), Digital Input using Switch, Analog Input, PWM, SPI |
| 5 | **Sensors and actuator interfacing-1** | Sensors, Types of sensors – Digital and Analog, characteristics, Choosing right sensor for Application Interfacing Sensor with Node Mcu, Reading data from Sensors. |
| 6 | **Sensors and actuator interfacing-2** | LM35, DHT 11 Temperature & Humidity Sensor, Ultrasonic Sensor, IR Sensor, sound sensor, touch sensor, LDR, Potentiometer, Connecting actuators - relay, stepper motor, Servo motor. |
| 7 | **Connecting to Internet** | Scanning WiFi Networks and connecting to WiFi Network. |
| 8 | **Introduction to Cloud** | Understanding Thinger.io, creating account, connecting the device, sending data to cloud |
| 9 | **Development of Application on cloud** | Sensor – Cloud Dashboard - Actuator |
| 10 | **Blynk app** | Installing Blynk Android App and creating account, Creating UI for controlling Home Appliance, Controlling Home Appliance Using Blynk Android App. |

## Projects

1. Reading temperature variation using LM35 and displaying on serial monitor
2. Controlling intensity of LED using PWM
3. Reading change in voltage and displaying on LCD
4. Plotting the variation in light intensity using LDR
5. Using IR sensor as a counter
6. Controlling home appliances using relay
7. Speed control of DC motor
8. Home automation using Blynk app
9. Automated agriculture system.
10. Fault detection and isolation in electrical power system
11. Design and implementation of overcurrent relay.
12. Design and implementation of distance relay.

## Hardware Requirements

1. Laptop with good internet connectivity
2. Node MCU V3 Development Board
3. Micro USB Cable
4. LED and 1k Resistors
5. DHT 11 Sensor Module
6. Ultrasonic Sensor
7. IR Sensor Module
8. Breadboard
9. 5V Relay Module
10. Jumper/Connecting Wires (Male to Female and Female to Female)
11. Light Dependent Resistor

**Click here to Register**

# List of Students Registered for the Course on IoT using NodeMCU

| Sr. No. | Name | Roll Number | Class | Batch | Course Starting From |
|---|---|---|---|---|---|
| 1 | Ashwini swami | 67 | BE | Batch A | Monday 14/09/2020 1.45 pm onwards |
| 2 | Nikhil Sushilrao Gawate | 24 | BE | | |
| 3 | Yogesh A Naykawdi | 75 | BE | | |
| 4 | Pavan prashant kshirsagar | 32 | BE | | |
| 5 | Kaustubh Vikas Kshirsagar | 56 | BE | | |
| 6 | Kajal Jain | 27 | BE | | |
| 7 | Amol kachare | 13 | BE | | |
| 8 | Yadav Satyaprakash Gajendranath | 43 | BE | | |
| 9 | AWASKAR SANKET PRAMOD | 47 | BE | | |
| 10 | Vijay Patil | 37 | BE | | |
| 11 | Romit Rajesh Kharate | 31 | BE | | |
| 12 | Pranjal Ganesh Patil | 36 | BE | | |
| 13 | Gautam Subhash Tekawade | 68 | BE | | |
| 14 | Payal Paygude | 38 | BE | | |
| 15 | Pooja Sunil korade | 57 | BE | | |
| 16 | Pranav Chinke | 21 | BE | | |
| 17 | Rutika sanjay wani | 70 | BE | | |
| 18 | AAFAQ AHMAD BHAT | 72 | BE | | |
| 19 | Imran Rafik Modi | 15 | BE | | |
| 20 | Pragati Munjaji Ugale | 42 | BE | | |
| 21 | Kranti Ramesh Kandekar | 29 | BE | | |
| 22 | Sumit Ghodke | 11 | BE | | |
| 23 | Avdhoot Avhad | 6 | TE | Batch B | To be announce Shortly |
| 24 | Jitendra vasant bandagale | 7 | TE | | |
| 25 | Sidhesh Gulave | 12 | TE | | |
| 26 | Bhukane Sayali Rajendra | 45 | TE | | |
| 27 | Sourabh Pandharpurkar | 37 | TE | | |
| 28 | Yash Junnarkar | 17 | TE | | |
| 29 | Radhika more | 56 | TE | | |
| 30 | Rucha Vaidya | 40 | TE | | |
| 31 | Kishan | 2 | TE | | |
| 32 | Rahul Mali | 27 | TE | | |
| 33 | Aaryan Tarambale | 38 | TE | | |
| 34 | Sujit Balaso Jagtap | 15 | TE | | |
| 35 | Niranjan Jagdale | 29 | TE | | |
| 36 | Vinayak Sopan Patil | 30 | TE | | |
| 37 | Mangesh Goukonde | 1 | TE | | |
| 38 | Pratiksha Ashok Kamble | 50 | TE | | |
| 39 | Vinayak Nandikole | 28 | TE | | |
| 40 | Salunke Ajinkya Limbraj | 35 | TE | | |
| 41 | Ameya Vinayak Maydeo | 56 | SE | | |
| 42 | Bhushan Khairnar | 33 | SE | | |
| 43 | Aditya Rangnekar | 23 | SE | | |
| 44 | Akanksha Salve | 60 | SE | | |

# Department of Electrical Engineering

Accredited by National Board of Accreditation (NBA)

## Two Weeks On-line Hands-on Course on

# IoT (Internet of Things) Using NodeMCU

# Certificate

This is to certify that, Mr./ Ms. _____ **Romit Rajesh Kharate** _____

has Successfully Completed the 15 Hours Course "IoT (Internet of Things) Using NodeMCU" organised under Center of Excellence (CoE) in Automation and Control held during September 14th to 27th 2020.

**PROF. P.R.CHOUBE**
CoE Coordinator

**DR.V.N.GOHOKAR**
Course Instructor &
HoD Electrical Engg. Dept.

**DR. S.M.DESHPANDE**
Principal, MMCOE

22

# Marathwada Mitra Mandal's College of Engineering

Karvenagar pune-52

Permanent Affiliated to SPPU | Accredited with 'A' Grade by NAAC | Recipient of 'Best College Award' by SPPU

# Department of Electrical Engineering

(A.Y. 2020-21)

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**Hands-on-Course on "Internet of Things" (IoT) using NodeMCU**

**REPORT**

The Electrical Engineering Department had organized a Two-Week Online Hands-on-Course on "Internet of Things" (IoT) using NodeMCU for All Staff & BE Students starting from 14/09/2020

Course Outcomes:

Participants will be able to:

1. Build circuits for signal acquisition and conditioning using NODEMCU

2. Experiments with sensors and actuators

3. Determine the performance of IoT based automated process

4. Design and develop IoT based applications.


Coordinator

**Dr. V. N. Gohokar**

Professor and Head, Electrical Department

| Timestamp | Name | Email | Contact Number | Roll Number | Class | Interested to Join the Course |
|---|---|---|---|---|---|---|
| 9/1/2020 11:24:46 | Ashwini swami | aswiniswami2018.elect@mmcoe.edu.in | 7745895088 | | 67 BE | Yes |
| 9/1/2020 11:25:20 | Nikhil Sushilrao Gawate | nikhilgawate2017.elect@mmcoe.edu.in | 8421142318 | | 24 BE | Yes |
| 9/1/2020 11:34:39 | Yogesh A Naykawdi | yogeshnaykawdi.elect@mmcoe.edu.in | 9028377827 | BE 75 | BE | Yes |
| 9/1/2020 11:39:56 | Pavan prashant kshirsaga | pavankshirsagar2017.elect@mmcoe.edu.in | 9764621281 | B.E 32 | BE | Yes |
| 9/1/2020 11:50:38 | Kaustubh Vikas Kshirsag | kaustubhkshirasgar2018.elect@mmcoe.edu. | 9860163405 | | 56 BE | Yes |
| 9/1/2020 12:00:32 | Kajal Jain | jainkajal2110@gmail.com | 8379822378 | | 27 BE | Yes |
| 9/1/2020 12:07:54 | Amol kachare | kachareamol2016.elect@mmcoe.edu.in | 7020867831 | BE 13 | BE | Yes |
| 9/1/2020 12:11:19 | Yadav Satyaprakash Gaje | satyaprakashyadav2017.elect@mmcoe.edu. | 9156698619 | BE 43 | BE | Yes |
| 9/1/2020 12:14:47 | AWASKAR SANKET PRA | sanketawaskar2018.elect@mmcoe.edu.in | 09960716470 | | 47 BE | Yes |
| 9/1/2020 12:19:28 | Vijay Patil | vijaypatil2017.elect@mmcoe.edu.in | 08830044622 | | 37 BE | Yes |
| 9/1/2020 12:37:13 | Romit Rajesh Kharate | romitkharate2017.elect@mmcoe.edu.in | 9834756566 | BE 31 | BE | Yes |
| 9/1/2020 13:14:54 | Pranjal Ganesh Patil | pranjalpatil2017.elect@mmcoe.edu.in | 9890441708 | BE36 | BE | Yes |
| 9/1/2020 13:26:37 | Gautam Subhash Tekawa | gautamtekawade135@gmail.com | 7709240316 | BE68 | BE | Yes |
| 9/1/2020 13:40:55 | Payal Paygude | payalpaygude2017.elect@mmcoe.edu.in | 9921950437 | | 38 BE | Yes |
| 9/2/2020 0:03:37 | Pooja Sunil korade | poojakorade2018.elect@mmcoe.edu.in | 9112065036 | | 57 BE | Yes |
| 9/2/2020 13:14:31 | Pranav Chinke | pranavchinke2017.elect@mmcoe.edu.in | 9423702547 | | 21 BE | Yes |
| 9/2/2020 17:35:53 | Rutika sanjay wani | rutikawani2018.elect@mmcoe.edu.in | 8668774691 | | 70 BE | Yes |
| 9/5/2020 13:31:52 | AAFAQ AHMAD BHAT | aafaqbhat.elect@mmcoe.edu.in | 7889665515 | BE 72 | BE | Yes |
| 9/5/2020 13:35:05 | Imran Rafik Modi | modiimran2016.elect@mmcoe.edu.in | 9960710838 | | 15 BE | Yes |
| 9/5/2020 13:52:32 | Pragati Munjaji Ugale | pragatiugale@mmcoe.edu.in | 8767144763 | BE42 | BE | Yes |
| 9/6/2020 10:55:01 | Kranti Ramesh Kandekar | krantikandekar2017.elect@mmcoe.edu.in | 9960586412 | | 29 BE | Yes |
| 9/6/2020 13:33:52 | Sumit Ghodke | ghodkesumit2016.elect@mmcoe.edu.in | 7378993997 | BE 11 | BE | Yes |
| 9/1/2020 11:25:25 | Ameya Vinayak Maydeo | ameyamaydeo2018.elect@mmcoe.edu.in | 7720047265 | | 56 SE | Yes |
| 9/1/2020 12:04:18 | Bhushan Khairnar | bhushankhairnar2019.elect@mmcoe.edu.in | 8788700014 | | 33 SE | Yes |
| 9/1/2020 12:11:52 | Aditya Rangnekar | adityarangnekar2019.elect@mmcoe.edu.in | 7888022225 | SE23 | SE | Yes |
| 9/1/2020 16:56:53 | Akanksha Salve | akankshasalve2017.elect@mmcoe.edu.in | 9763283659 | SE60 | SE | Yes |
| 9/1/2020 11:26:37 | Avdhoot Avhad | avdhootavhad2018.elect@mmcoe.edu.in | 9168428019 | 06 | TE | Yes |
| 9/1/2020 11:28:19 | Jitendra vasant bandagak | bandagalesagar2@gmail.com | 9579332396 | 07 | TE | Yes |
| 9/1/2020 11:44:42 | Sidhesh Gulave | sidheshgulave2018.elect@mmcoe.edu | 9762631142 | | 12 TE | Yes |
| 9/1/2020 11:57:21 | Bhukane Sayali Rajendra | Sayalibhukane2019.elect@mmcoe.edu.in | 8657561473 | | 45 TE | Yes |
| 9/1/2020 12:22:17 | Sourabh Pandharpurkar | sourabhpandharpurkar2018.elect@mmcoe.e | 8275567053 | | 37 TE | Yes |
| 9/1/2020 12:37:07 | Yash Junnarkar | yashjunnarkar2018.elect@mmcoe.edu.in | 8605044781 | | 17 TE | Yes |
| 9/1/2020 12:52:55 | Radhika more | radhikamore155@gmail.com | 8080192156 | | 56 TE | Yes |
| 9/1/2020 12:56:29 | Rucha Vaidya | ruchavaidya2018.elect@mmcoe.edu.in | 7741080682 | | 40 TE | Yes |
| 9/1/2020 13:00:36 | Kishan | kishanpatel2017.elect@mmcoe.edu.in | 8975748669 | 02 | TE | Yes |
| 9/1/2020 18:19:52 | Rahul Mali | rahulmali2018.elect@mmcoe.edu.in | 7447204411 | | 27 TE | Yes |
| 9/2/2020 10:17:01 | Aaryan Tarambale | aaryant48@gmail.com | 9168681235 | | 38 TE | Yes |
| 9/2/2020 10:31:57 | Sujit Balaso Jagtap | sujitjagtap2018.elect@mmcoe.edu.in | 7083568832 | | 15 TE | Yes |
| 9/2/2020 12:35:06 | Niranjan Jagdale | niranjanjagdale2018.elect@mmcoe.edu.in | 8862011494 | TE29 | TE | Yes |
| 9/2/2020 22:26:11 | Vinayak Sopan Patil | vinayakpatil2018.elect@mmcoe.edu.in | 9112883731 | | 30 TE | Yes |
| 9/4/2020 11:14:25 | Mangesh Goukonde | mangeshgoukonde2017.elect@mmcoe.edu | 7517515835 | 01 | TE | Yes |
| 9/5/2020 12:54:48 | Pratiksha Ashok Kamble | pratiksha.kamble2019@Mmcoe.edu.in | 9518344314 | | 50 TE | Yes |
| 9/5/2020 13:17:37 | Vinayak Nandikole | vinayaknandikole2018.elect@mmcoe.edu.in | 9112367649 | | 28 TE | Yes |
| 9/5/2020 13:38:39 | Salunke Ajinkya Limbraj | ajinkyasalunke2909@gmail.com | 9822595753 | | 35 TE | Yes |

# Marathwada Mitra Mandal's College of Engineering

Karvenagar pune-52

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# Department of Electrical Engineering

(A.Y. 2020-21)

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## Workshop on "Outcome Based Education"

## REPORT

The Electrical Engineering Department had organized a Two days' Workshop on "Outcome Based Education" on 12th and 13th February 2021. Prof Sandip Lokhande MITCOE, Alandi, Pune, was invited as the resource person to conduct the workshop.

Following points were discussed in the workshop:

1. Philosophy of outcome-based education

2. Identification and support to the weak and bright learners

3. Mapping and Attainment of learning outcomes and course outcomes

4. Identification and actions on curricular gaps

5. Continuous Improvements in academics, placements, higher studies, entrepreneurship.

Coordinator

**Dr. V. N. Gohokar**
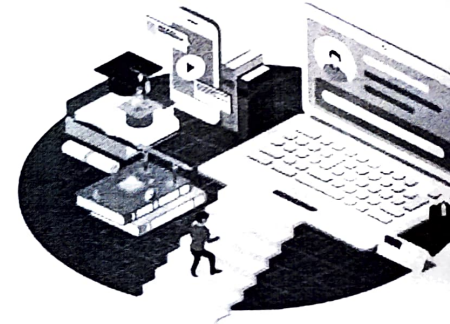
Professor and Head, Electrical Department

# OBE OUTCOME-BASED EDUCATION

## February 12th & 13th 2021

## About the Program

Outcome based education (OBE) practice is the heart of education system. It is the student centered instruction that focuses on measuring student performance through attainment of outcomes. Outcomes include knowledge, skills and attitudes. Its focus remains on evaluation of outcomes of the program by stating the knowledge, skill and behavior graduate is expected to attain upon completion of a program and after 4 – 5 years of graduation

## Resource Person

**Prof. Sandip Lokhande, MITCOE, Alandi, Pune**

Mr. Sandip Lokhande sir has extensive experience in NBA and ABET accreditation processes, he had delivered expert sessions and conducted workshops on outcome based education at national and international level.

## Who can participate

NBA Coordinators and senior faculty members of MMCOE.

Senior faculty (02) members from sister concern institutes of MMCOE.

### Expected Outcomes

After completion of the session, participants will be able to

**0.00 am to 11.00 am**
**Philosophy of Outcome Based Education**
- Infer transformational Outcome Based Education (OBE)

**1.00 am to 12.30 pm**
**Identification and support to the weak and bright learners**
- Comprehend the process of identification of slow and fast learners
- Identify slow and fast learners
- Implement different methodologies to support weak students
- Implement different methodologies to encourage bright students
- Document the information (or data) related to slow and fast learners

**12.30 pm to 1.30 pm Lunch Break**

**.30 pm to 4.30 pm**
**Mapping and Attainment of learning outcomes and course outcomes**
- Perceive the philosophy of learning outcomes (LOs) and course outcomes (COs)
- Map the COs with POs and PSOs
- Justify the mapping of COs with POs and PSOs
- Define the targets and levels for CO, PO and PSO
- Develop quality / relevant assessment processes & tools to be used for attainment of COs, POs and PSOs

**0.00 am to 1.00 pm**
**Identification and actions on curricular gaps**
- Classify curricular gap, content beyond syllabus, prerequisite and bridge courses
- Develop the process to identify the curricular gaps
- Plan the methods to be used to overcome the curricular gaps
- Document the information (or data) related to curricular gap identification, delivery, attainment, feedback and action taken

**1.00 pm to 1.30 pm Lunch Break**

**.30 pm to 4.30 pm**
**Continuous Improvements**
- Plan actions to be taken based on the results of evaluation of each of the POs and PSOs
- Identify gaps/shortfalls
- Prepare plan of action to bridge the gap and its Implementation
- Interpret the actions taken in relation to continuous improvement in academics
- Define the individual's role in improvement of Placements, higher studies, entrepreneurship
- Define the individual's role in improvement of Admissions/ quality of intake.

## Organized by
## Department of Electrical Engineering

Accredited by National Board of Accreditation (N

'येथे बहुतांचे हित ।'
### Marathwada Mitra Mandal's
## College of Engineering

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Survey No. 18, Plot No. 5/3, Near Vandevi Temple, Karvenagar, Pu

Website: www.mmcoe.edu.in

Marathwada Mitra Mandal's
# COLLEGE OF ENGINEERING
KARVENAGAR PUNE-52
*Accredited with 'A' grade by NAAC*

## DEPARTMENT OF ELECTRICAL ENGINEERING
*Accredited by National Board of Accreditation (NBA)*

# Two days "Train the Trainer program on Outcome Based Education"

| Sr. No. | Date | Time | Topic | Expected Outcomes<br>After completion of the session, participants will be able to |
|---|---|---|---|---|
| 1 | Day 1 | 10.00 am to 11.00 am | Philosophy of outcome based education | • Understand the philosophy of outcome based education |
| 2 | Day 1 | 11.00 am to 12.30 pm | Identification and support to the weak and bright learners | • Understand the process of identification of slow and fast learners<br>• Identify slow and fast learners<br>• Implement different methodologies to support weak students<br>• Implement different methodologies to encourage bright students<br>• Document the records related to slow and fast learners |
| | | | **12.30 pm to 1.30 pm Lunch Break** | |
| 3 | Day 1 | 1.30 pm to 4.30 pm | Mapping and Attainment of learning outcomes and course outcomes | • Understand the philosophy of learning outcomes (LOs) and course outcomes (COs)<br>• Map the COs with POs and PSOs<br>• Justify the mapping the COs with POs and PSOs<br>• Define the targets and levels for CO, PO and PSO<br>• Develop quality /relevant assessment processes & tools to be used for attainment of COs, POs and PSOs |
| 4 | Day 2 | 10.00 am to 1.00 pm | Identification and actions on curricular gaps | • Understand the difference between curricular gap, content beyond syllabus, prerequisite and bridge courses<br>• Develop the process to identify the curricular gaps<br>• Plan the methods used to overcome the curricular gaps<br>• Document the records related to curricular gap identification, delivery, attainment, feedback and action taken. |
| | | | **1.00 pm to 1.30 pm Lunch Break** | |
| 5 | Day 2 | 1.30 pm to 4.30 pm | Continuous Improvements | • Plan actions to be taken based on the results of evaluation of each of the POs and PSOs<br>• Identify gaps/shortfalls<br>• Prepare plan of action to bridge the gap and its Implementation<br>• Understand the actions taken in relation to continuous improvement in academics<br>• Define the individuals role in improvement of Placements, higher studies, entrepreneurship<br>• Define the individual's role in improvement of Admissions/ quality of intake. |

# Department of Electrical Engineering

**Accredited by National Board of Accreditation (NBA)**

Two Days Workshop on

# Outcome Based Education

## Certificate

This is to certify that,

Prof. Pravin R.Choube

has attended the Two days workshop on 'Outcome Based Education' organized by Department of Electrical Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune-52  held during February 12th & 13th, 2021.

| | | |
|---|---|---|
| **PROF. SANDIP LOKHANDE** | **DR.V.N.GOHOKAR** | **DR. S.M.DESHPANDE** |
| **Resource Person** | **HoD Electrical Engg. Dept.** | **Principal,MMCOE** |

DATE: March 16th, 2021

**SUBMITTED:**

**Subject:** Permission to conduct lecture series on Allen Bradley (AB) PLC for third year and final year Electrical Engineering Students.

**Respected Sir,**

Electrical Department is organizing the lecture series on Allen Bradley (AB) PLC for third year & final year students from 17th March 2021. In this program we have scheduled 30 sessions for students on every day for 1 hr.

As we know, the most of the companies are using variety of PLC, SCADA, HMI and Electrical AutoCAD. So our student's needs to learn all above mentioned courses in order to get them opportunities in industrial sector. This program will be helpful for our students to develop their skill from industrial point of view. Presently, these sessions will be conducted online. As and when student's comes in college, will have a hands on session also. The details of this training program are attached herewith.

We have decided to take nominal fees (Rs.100/-) from students for this training program. So we kindly request you to give permission for this skill building training program.


Prof. A. K. Lohate
Course Instructor

Dr. V. N. Gohokar
HOD Electrical Dept.

_Permitted_
_Pl. ensure we cover topics beyond syllabus_
_Also it gives some project exposure_

To,
Principal
MMCOE, Karve Nagar
Pune-52.

MMCOE/Expert Session/Elect./2021-2022

800
6/3

29

# Marathwada Mitra Mandals College of Engineering

Karvenagar Pune-52

Accredited with 'A' Grade by NAAC

## Department of Electrical Engineering

Accredited by NBA

Electrical Engineering Students Association (EESA)

SEM-1 A.Y. 2020-21

**Course Instructor**: Prof. A. K. Lohate

**Course Period**: 30 Days (Daily 1 hour session).

**Total No. of Registered Student**: 60

**Course Details**:

| Module No. | Course Name | Course Details | Course Duration |
|---|---|---|---|
| M- 01 | Allen Bradley(AB) PLC (Micrologix 1400 & SLC 500) | -Introduction of PLC.<br>-Study of opening process & introduction of software.<br>-Study of ladder logic rules of Ladder Diagrams.<br>-Study of Programming based on Logic Gates.<br>-Study of all programming instructions : (Timers, Counters, Compare, Move/Logical, compute/ Math, File shift/Sequencer).<br>-Study of programming based on above instructions.<br>-Study of Program Control instructions (MCR, JMP-LBL, SUS, TND, SBR, JSR, RET).<br>-Study of analog instructions and programming (SCP). | 30 Hrs |

Course Instructor

# Department of Electrical Engineering

## Skill Development Program

## List of fees paid student

| Sr. No. | Name of Registered Student | Paid |
|---------|---------------------------|------|
| 01 | Shubhankar Kulkarni | YES |
| 02 | Nikhil Sushilrao Gawate | YES |
| 03 | Pooja Sunil Korade | YES |
| 04 | Baliram Kondiba Kale | YES |
| 05 | Rucha Sandeep Vaidya | YES |
| 06 | Pranav Pramodrao Chinke | YES |
| 07 | Randhave Snehal Rajendra | YES |
| 08 | Rutuja Shridhar Kumbhar | YES |
| 09 | Radhika Satishrao More | YES |
| 10 | Pratiksha Vijay Chavan | YES |
| 11 | Priyanka Babasaheb Khandekar | YES |
| 12 | Rugved Pradeep Kulkarni | YES |
| 13 | Aboli Milind Arak | YES |
| 14 | Yadav Satyaprakash Gajendranath | YES |
| 15 | Swapnil Jadhav | YES |
| 16 | Sanket Pramod Awaskar | YES |
| 17 | Sourabh Samir Pandharpurkar | YES |
| 18 | Shubham Masodkar | YES |
| 19 | Kisan Patel | YES |
| 20 | Mangesh Goukonde | YES |
| 21 | Vijayant Gaikwad | YES |
| 22 | Vaishnavi Parekar | YES |
| 23 | Yashwant Mali | YES |

24. Rutusas Ade
25. Sanket awasker
26. Yashwant mali
27. Aboli Arak

Prof. A. K. Lohate

Course Instructor

Dr. V. N. Gohokar

HOD Electrical Dept.

31

**Date:17/03/2021 - 23/05/2021**

**Skill Development Series on "Allen Bradley PLC"**

Course Instructor:  Mr. A. K. Lohate (Assistant Professor)

| S.N. | Timestamp | (PO1) | (PO2) | (PO5) | (PO6) | (PO9) | (PO10) | (PSO2) | (PSO2) | [Technical Content of the workshop] | [Communication of the Presenter] | [Information Shared During The Workshop] | Strength (What did you like about this series?) | Overall Did you find the session Useful & Interactive? | Any suggestion for improvement? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5/25/2021 16:20:20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | Good | Good | Good | –Good practical Applications | Yes | NA |
| 2 | 5/25/2021 16:23:06 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | Good | Good | Good | Interactive session and extra information | Yes | Na |
| 3 | 5/25/2021 16:23:14 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Excellent | Excellent | communication | Yes | NA |
| 4 | 5/25/2021 16:24:26 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Good | Excellent | Content | Yes | No |
| 5 | 5/25/2021 16:25:30 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Excellent | Excellent | Good explanation | Yes | NA |
| 6 | 5/25/2021 16:26:10 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Excellent | Excellent | It was a great experience. | Yes | .. |
| 7 | 5/25/2021 16:27:10 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Excellent | Excellent | All about the program | Yes | Na |
| 8 | 5/25/2021 16:33:33 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Excellent | Excellent | | Yes | |
| 9 | 5/25/2021 16:37:08 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Excellent | Excellent | Explain, overall experience. | Yes | No |
| 10 | 5/25/2021 16:48:27 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Excellent | Excellent | Workshop | Yes | NA |
| 11 | 5/25/2021 16:48:37 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | Excellent | Excellent | Excellent | very passionate to learn new things | Yes | NA |
| 12 | 5/25/2021 16:49:00 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Good | Excellent | Excellent | Very passinate to learn | Yes | No |
| 13 | 5/25/2021 16:49:18 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | Excellent | Excellent | Excellent | | Yes | |
| | | 2.85 | 2.85 | 2.85 | 2.85 | 2.77 | 2.85 | 2.77 | 2.85 | | | | | | |
| | | | | | | | | 2.81 | | | | | | | |

# Marathwada Mitra Mandal's College of Engineering
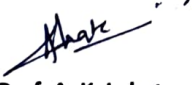
Karvenagar pune-52

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## Department of Electrical Engineering

Accredited by National Board of Accreditation (NBA)

# CERTIFICATION COURSE

## Master Class on Power Electronics Using MATLAB

## (05 Days Course)

**Pantech ProLabs India Pvt. Ltd.** had organised Master Class on Power Electronics Using MATLAB. The students of electrical department were participated in this master class series held during **12$^{nd}$ April, 2021 to 16$^{th}$ April, 2021.** Few students had attended this master class series and awarded by e-Certificates from Pantech ProLabs India Pvt. Ltd.

**Prof. A. K. Lohate**

**Co-ordinator**

**Dr. V. N. Gohokar**

**HOD Electrical Dept.**

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## Department of Electrical Engineering

Accredited by National Board of Accreditation (NBA)

### List of workshop attended students

| Sr.No. | Full Name | Mobile Number | Roll Number | Class |
|--------|-----------|---------------|-------------|-------|
| 01 | Sanket Bhave | 8624847211 | TE04 | TE |

Prof. A. K. Lohate

Co-ordinator

Dr. V. N. Gohokar

HOD Electrical Dept.

CERTIFICATE NO : PS-PE-APR-MC-0914

**PANTECHSOLUTIONS**
Technology Beyond the Dreams

# CERTIFICATE
## OF PARTICIPATION

NAME : Mr.SANKET BHAVE

COLLEGE : MMCOE

has Successfully Completed

MASTER CLASS ON POWER ELECTRONICS USING MATLAB(5 DAYS)

at Pantech Prolabs India Pvt Ltd

From : APRIL 12,2021 to : APRIL 16,2021

M.MALAIYAPPAN
DIRECTOR
PANTECHSOLUTIONS

# Marathwada Mitra Mandal's College of Engineering

Karvenagar pune-52

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## Department of Electrical Engineering

Accredited by National Board of Accreditation (NBA)

## CERTIFICATION COURSE

## Master Class on MATLAB Simulink

## (30 Days Course)

**Pantech ProLabs India Pvt. Ltd.** had organised Master Class Series on MATLAB Simulink. The students of electrical department were participated in this master class series held during **22nd April, 2021 to 21st May, 2021.** Total **04 students** had attended this master class series and awarded by e-Certificates from Pantech ProLabs India Pvt. Ltd.

**Prof. A. K. Lohate**

Co-ordinator

Dr. V. N. Gohokar

HOD Electrical Dept.

## Department of Electrical Engineering

Accredited by National Board of Accreditation (NBA)

### List of workshop attended students

| Sr.No. | Full Name | Mobile Number | Roll Number | Class |
|--------|-----------|---------------|-------------|-------|
| 01 | Sanket Bhave | 8624847211 | TE04 | TE |
| 02 | Priyanka surykant Ghorpade | 8208635405 | TE15 | TE |
| 03 | Shweta Shivanand Khyamgonde | 9373362224 | TE26 | TE |
| 04 | Niranjan Jagdale | 8862011494 | BE48 | BE |

**Prof. A. K. Lohate**

Co-ordinator

**Dr. V. N. Gohokar**

HOD Electrical Dept.

**PANTECHSOLUTIONS**
Technology Beyond the Dreams

## Skill AP
### APSSDC

# CERTIFICATE
## OF PARTICIPATION

NAME     :  Mr.SANKET BHAVE

COLLEGE :  MMCOE

has Successfully Completed

**MASTER CLASS ON MATLAB SIMULINK**

at Pantech Prolabs India Pvt Ltd

From :   APR 22,2021   to :   MAY 21,2021

Dr.B.Nageswara Rao
**Executive Director**

M.MALAIYAPPAN
**DIRECTOR**
**PANTECHSOLUTIONS**

Dr.Srikanth Arja,IRTS
**MD & CEO**

MARATHWADA MITRA MANDAL'S
## COLLEGE OF ENGINEERING, PUNE- 411052
*Accredited with 'A' Grade by NAAC*
## Department of Electronics & Telecommunication Engineering

### Webinar Report

. Date:19th August ,2020

Mr. Suraj Patil, IT Security Expert, State Bank of India conducted an online expert session, on "Computer Networking & Security: An Industry Perspective" as part of the "Students Webinar Series" organized by the Department of E & TC Engg. The session was organized for TE & BE students.

Guest Speaker Details: Mr. Suraj Patil, IT Security Expert, State Bank of India, Navi Mumbai

Topic: "Computer Networking & Security: An Industry Perspective"

Date and Time: 19th August 2020, 12pm to 1.45pm

Conducted on: Google meet

Following Points were discussed:

1. Data Communication & Networking concepts
2. Various categories of Security
3. Various certifications in Security
4. Job Opportunities & job profiles in various verticals of Security

Session was very interactive and students asked many questions related to job opportunities in Security domain. Total 55 students and faculty members attended the session.

Ms. P. S. Sawant
Coordinator & Head - Dept. of E&TC Engg.

MMCOE/E&TC/NAAC File No. - 23/20-21

39

Marathwada Mitra Mandal's
# COLLEGE OF ENGINEERING
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**Department of Electronics & Telecommunication Engineering**

## Reprt on
## "Introduction to Model United Nations"

The session on "Health and Happiness Workshop"was conducted on11/08/2020 for all MMCO students. The session was given byMr. Sujay Patil. He was an Associate Director inCogniza Ltd and currently working as Chief Education Architect at KPIT Technologies Ltd.Incharg Principal Dr.V.N.Gohokar inaugurated Student Welfare club. It was attended by almost 10 students including a few teachers- Dr KR Patil, Dr.Anjah Solanke and Prof. Jitendra Bakliwal
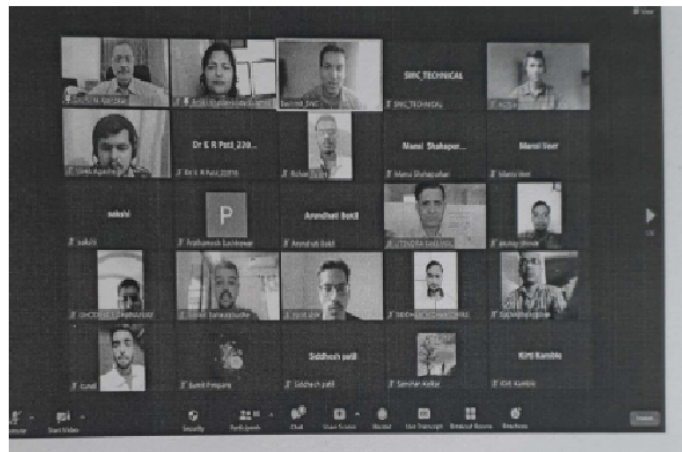


This session mainly focused on  About Higher Studies aspects at united Nations.

Stauy

Ms. S. S. Tavse

Sawant

Ms. P.S.Sawant
HEAD
Dept. Of E&TC Engg.

MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING, PUNE- 411052
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# Electronics and Telecommunication Engineering Department

## Webinar Report                                    Date:08/08/2020

On line seminar was organized by E & TC Department for SE students specially in **Marathi Langauage**.

Guest Speaker: Mr. Chittaranjan Mahajan , Director Dolphin labs . ME E&TC

Topic: **Electronics Engineer Mhanun Ghdatana**
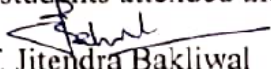
Date and Time: 8th Aug. 2020, 11.00am to 1.00 pm  Conducted on: google meet

Following Points were discussed:

- Opportunities for E&TC

- Importance and Role of E&TC in society & Industry

- How to make projects

- How to develop our career

- Positivity

- English Communication Situations

- Technical Communication

Session was very interactive and students asked questions, feedback was sought. Total 169 students attended the session. Feedback of 126 students is recorded

Prof. Jitendra Bakliwal                                    Ms. P.S.Sawant
Coordinator                                                    HOD E&TC

**Recorded Video session link**: https://drive.google.com/file/d/1dfmS-6p4KloUj-WpBTM1tBq5B5GzBP29/view?usp=sharing   **Attendance** :
https://docs.google.com/forms/d/1xNvdwU7uEjpBFTcPNzRIWi5ZXmUGLp0ha3Y-zTFq98g/edit?usp=sharing

MARATHAWADA MITRA MANDAL'S
# COLLEGE OF ENGINEERING, PUNE - 52
## Department of Electronics and Telecommunication Engineering

## Report on Expert Lecture

- Date of conduction of Expert Lecture: 20/7/2020
- Course: E & TC    *Mr. Hemant Chaudhari (Alumni)*
- Brief Profile of the Expert ( Industry): Senior Engineer/Developer Kone Elevators pvt. ltd.
- Topic covered by the Expert: Expectations of Industries from Freshers
- Targeted Audience: SE/TE/BE
- Highlights of the Lecture: Students were guided in the regard, How to face Interviews, What are the expectations of Industries from students, How one should improve skill sets

*Sawant*

Prof. P.S.Sawant
Head,E & TC Engineering

MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING, PUNE- 411052
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## Electronics and Telecommunication Department

### Webinar Report

"Students Webinar Series" was organized by E & TC Department in lockdown period. One of the sessions was organized for SE/TE/BE students on 'Opportunities in Telecom Sector'

Guest Speaker Details: Mr. Sanjay Thakare ,Sr.Divisional Engineer  BSNL-RTTC ,Pune

Topic: "Upcoming Technologies and Opportunities in Telecom sector "

Date and Time: 17th June 2020, 11am to 12.45pm

Conducted on: Zoom  platform

Following Points were discussed:

1. Introduction to Upcoming Technologies like 5G,Cyber Security,NOFN,FTHN
2. Business & job Opportunites in telecom
3. Internships approach
4. How to prepare for UPSC/MPSC
5. Request for Next session -to be conducted on 5G

Session was very interactive and students asked many questions related to telecom. Total 114 students and faculty members attended the session.

Prof. Jitendra Bakliwal
Program Coordinator
*Feedback and attendance is enclosed herewith
https://docs.google.com/forms/d/1gtWP9CRJk62mMrK_wy9pGD5St1SYU0hnBprzxknCQpg/edit#responses

Ms. P.S.Sawant
HOD

②

MARATHWADA MITRA MANDAL'S
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## Electronics and Telecommunication Engineering Department

**Guest Lecture Report**                    Date: 15/07/2020

Department of E & TC has initiated "Students Webinar Series" in the Corona induced lockdown period.

Guest Speaker: Ms. Supriya Kadam, Lead Consultant Technology and Innovation, Learning Links India, 9527310383, supriyakadam172@gmail.com

Topic: 'BE Project Ideation'

Date and Time: 15ª July 2020, 2.30 pm to 3.30 pm
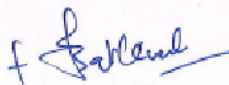
Conducted on: Google meet (meet.google.com/bcs-qefs-gak)

Following Points were discussed:

Views and ideas related to BE projects

Problem finding

Students from SE, TE and BE joined this interactive session and asked questions. Total 137 students attended the session.

Ms. Sampada Tavse
Coordinator

Ms. P.S.Sawant
HOD E&TC

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## DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: *2020-21 (Sem II)*

**Event Name:** Report Writing using LaTex
**Event Date: 9/3/2021, 11/3/2021 and 12/3/2021**
**Venue: Google Meet**

Department of Information Technology and MMCOE's ACM Student Chapter along with the IT Students Association (ITSA), had organized a workshop on Report Writing using LaTex for 3rd and 4th-year students on 9th, 11th and 12th of March 2021, 3 PM to 5 PM. around 75 students participated in this workshop.

The first day of the workshop started with an introduction ceremony about the workshop and the speaker Dr Chandrakant Sonawane for students and followed by our HOD, respected Dr Vijay Bidve sir sharing his thoughts on the subject. Dr Sonawane sir then educated everyone about the basics of report writing, tags such as begin-end, title, author, date, make title, table of contents, include, find, captions, graphics, cross-references etc.

Followed by it, on the second day, Dr Sonawane sir taught about tables, footnotes, maths symbols, maths formulas, equations, operators and bibliography while writing reports using LaTex.

On the final day, students had to create their report and share its topic with Dr Sonawane sir.
In the end, there was a vote of thanks by SamruddhiVelapurkar. The workshop was very knowledgeful for the students.


**Mr. Jitendra Chavan**
**Asst. Prof**
**ITSA Faculty Advisor**

**Mr. Nikhil Dhavase**
**Asst. Prof**
**ACM Chapter Faculty Sponsor**

**Mr. V. S. Bidve**
**HOD, IT**

File No: 23

45

**Photographs:**

File No: 23
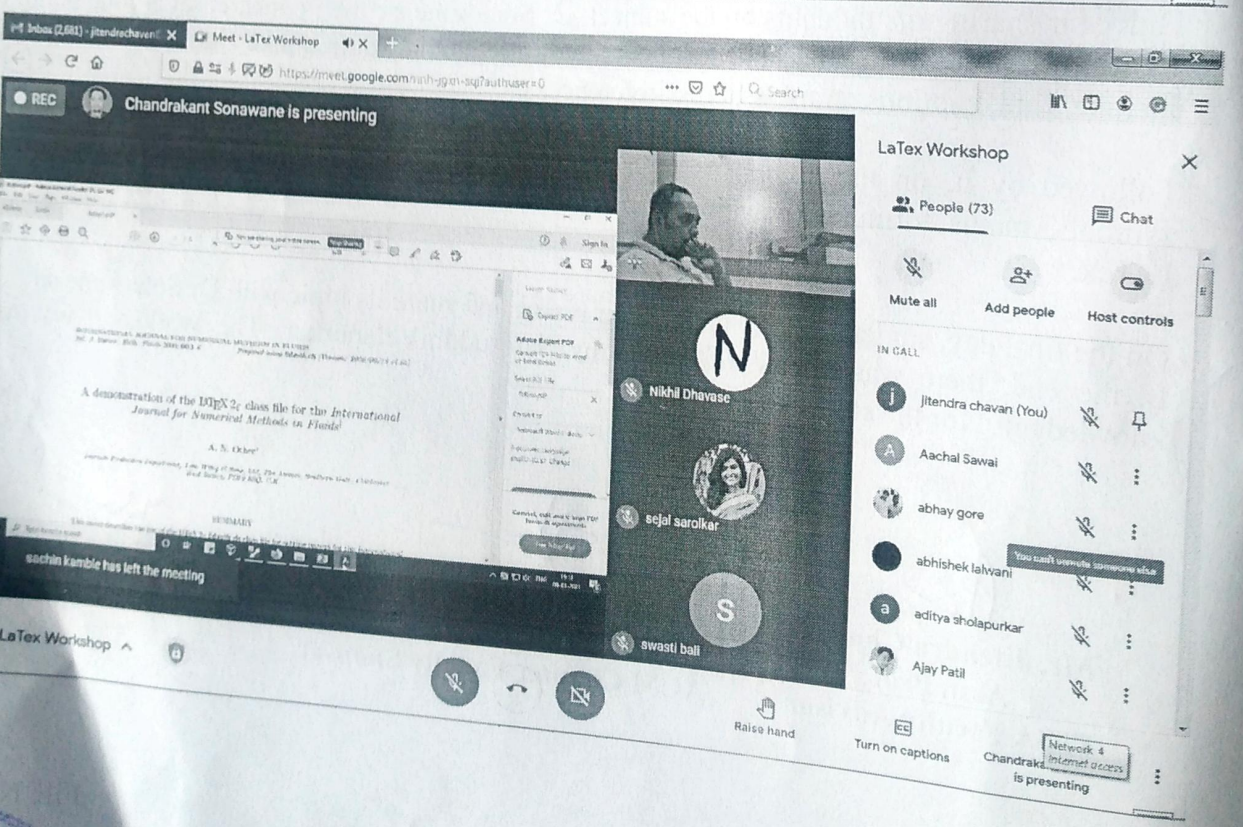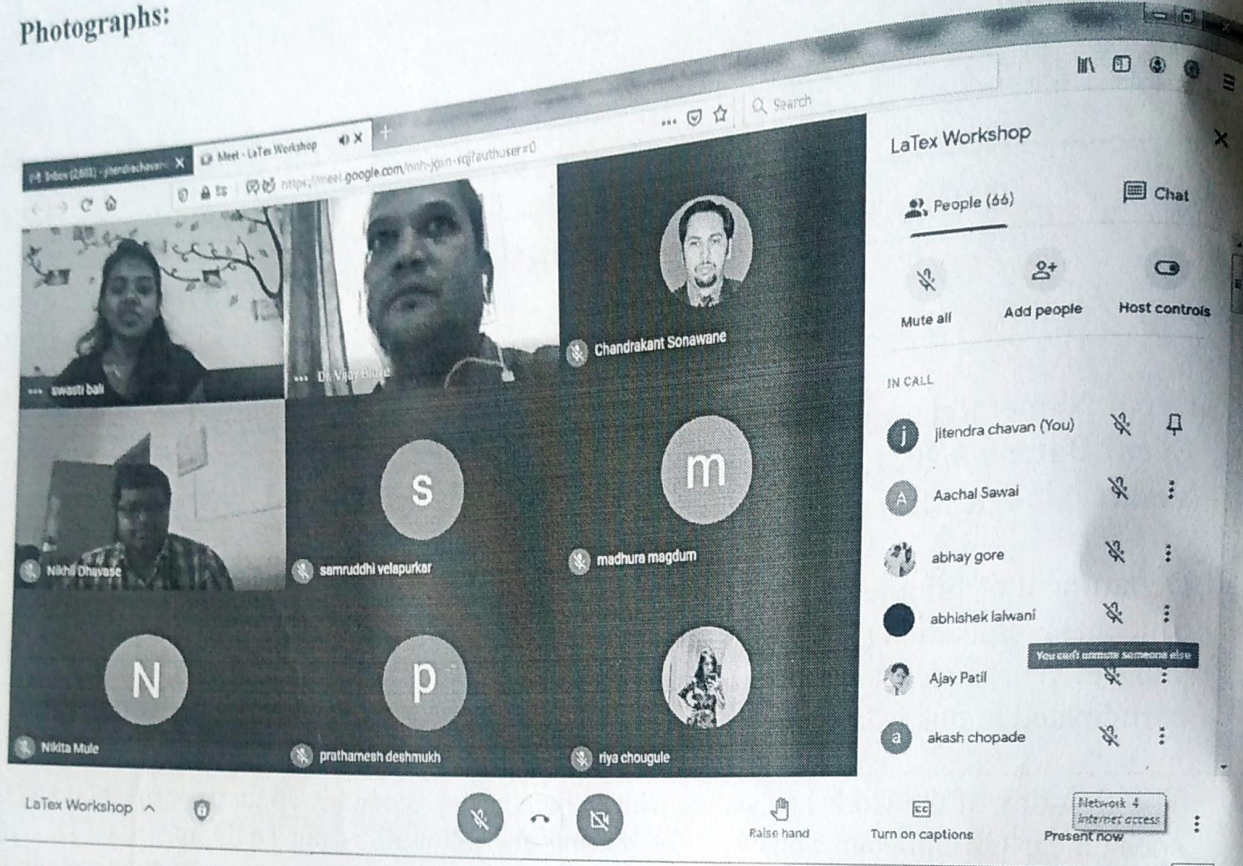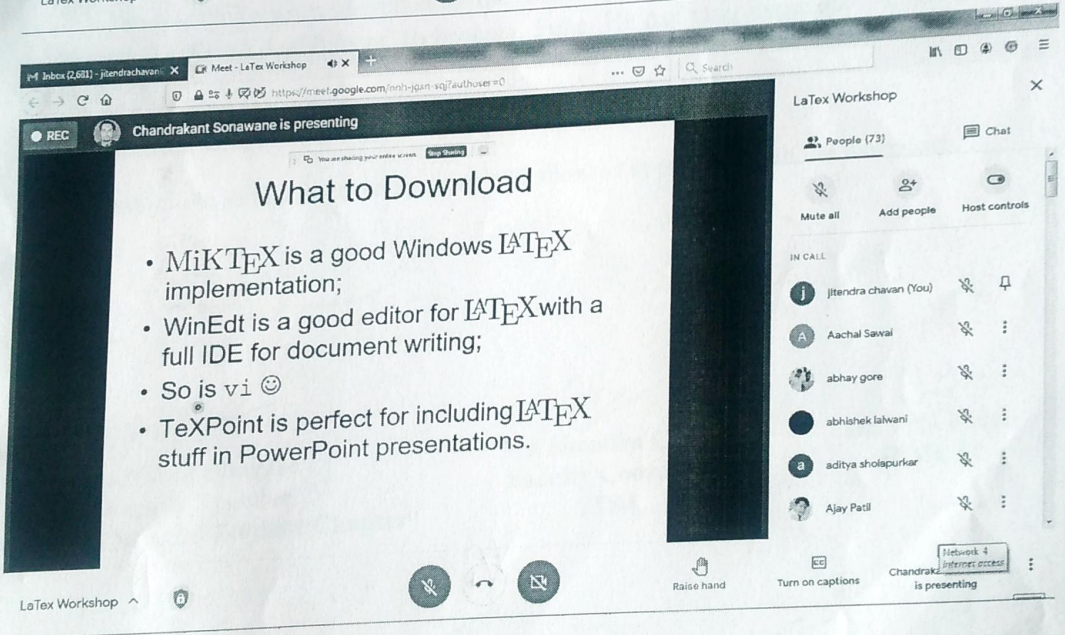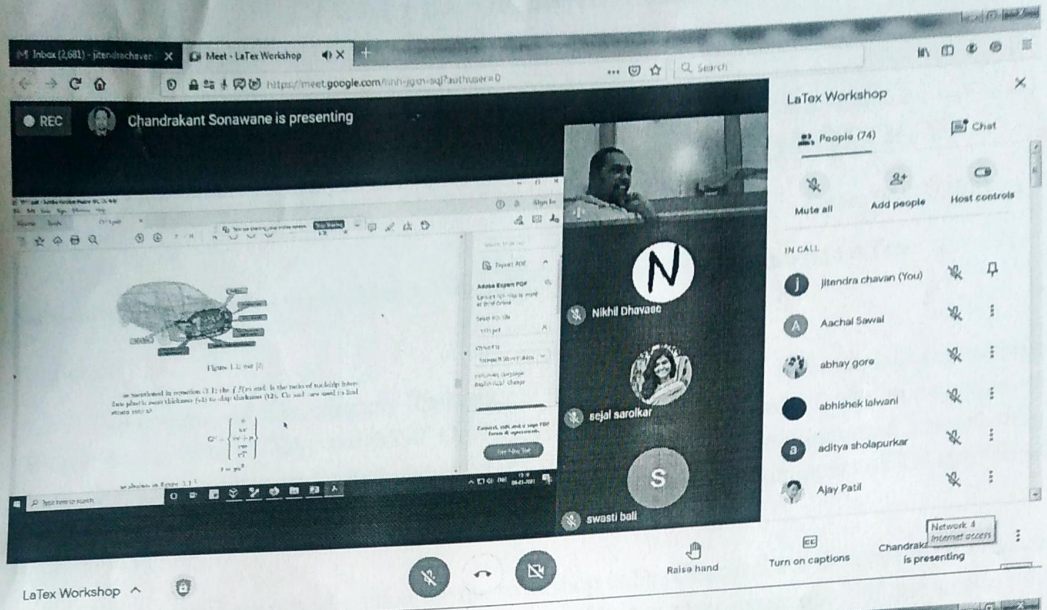
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## DEPARTMENT OF INFORMATION TECHNOLOGY

### Academic Year: 2020-21 *(Sem II)*

**Event Name: Session on project report writing**

**Event Date: 04/03/2021**

**Venue: Google meet**

**Department of Information Technology** conducted a session on **Project Report writing** for BE IT students which focused on various points that are to be considered while writing a project report. The session was attended by 40+ students.

This session was conducted by the faculties of IT department inclduing Dr. V. S. Bidave. Mrs. P. S. Joshi, Mr. N. S. Dhavase, Mr. P. B. Kamble, Mr. J. R. Chavan and Ms. K. A. Kalokhe.

The topics included in the session were, significance of report writing, layout of the report, types of reports, mechanics of writing a report, precautions while writing reports, writing references & bibliography in report. All the topics were explained to students from the perspective of BE project along with the appropriate examples. The doubts and concerns of the students were solved during and after the session as well.

The session was conducted over a period of around 2.5 Hours.

**Mr. Nikhil Dhavase**
**Project Coordinator**

**Dr. V. S. Bidave**
**HOD, IT**

File No: 31

48

## Characteristics

- May contain data, design criteria, procedures, literature reviews, research history, detailed tables, illustrations/images, explanation of approaches that were unsuccessful.
- May be published before the corresponding journal literature; may have more or different details than its subsequent journal article.
- May contain less background information since the sponsor already knows it
- May have restricted access
- May contain obscure acronyms and codes as part of identifying information

## MECHANICS OF WRITING A REPORT

- **9. The final draft:** *Revising and rewriting the rough draft of the report should be done with great care before writing the final draft.*
- For the purpose, the researcher should put to himself questions like:
- Are the sentences written in the report clear?
- Are they grammatically correct?
- Do they say what is meant?
- Do the various points incorporated in the report fit together logically?
- "Having at least one colleague read the report just before the final revision is extremely helpful.
- Sentences that seem crystal-clear to the writer may prove quite confusing to other people; a connection that had seemed self evident may strike others as a non-sequitur.
- A friendly critic, by pointing out passages that seem unclear or illogical, and perhaps suggesting ways of remedying the difficulties, can be an invaluable aid in achieving the goal of adequate communication.

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- **Logical presentation of the report:** The report must present the logical analysis of the subject matter. it must reflect a structure wherein the different pieces of analysis relating to the research problem fit well.
- **Originality in writing report:** A research report should show originality and should necessarily be an attempt to solve some intellectual problem. it must contribute to the solution of a problem and must add to the store of knowledge.

## Plagiarism & How to Avoid it

An online course by the University Library in Blackboard.

To access, go to blackboard.kaust.edu.sa, sign in with your KAUST ID/PW.

http://libguides.kaust.edu.sa/plagiarism
library@kaust.edu.sa

Is it plagiarism if I use my own words to express the ideas of another author?

Is it plagiarism if I re-use some parts of my previous essay for another assignment?

How do I know if I'm plagiarizing?

How can I check my paper for plagiarism?
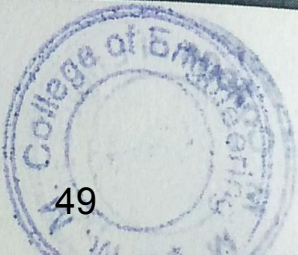
# DEPARTMENT OF INFORMATION TECHNOLOGY
## Academic Year: 2020-21 (Sem –II)

**Workshop Name: ML.py**
**Workshop Date: 8th to 11th February, 2021**
**Platform: ZOOM Meetings**

**Event Details: -**

The ACM Students' Chapter of Marathwada Mitra Mandal's College of Engineering, Pune, in collaboration with Suven Consultants & Technology Pvt Ltd. - IT Recruitment firm, organized a 4-day workshop **"ML.py"** for students from various colleges on Machine Learning from 8th to 11th February 2021. The objective of the workshop was to learn the basics of ML and build a Recommendation System. The workshop was organized at a national level with around 70 participants from Maharashtra and other states. The event was conducted on Zoom, in association with Give My Certificate as the Certificate Partner. Participants used Google Collab and Kaggle to code in the entire workshop.

**Day 1**

The Inauguration Ceremony was witnessed by Honorable Principal, Dr. S.M. Deshpande, HOD IT department, Dr. Vijay Kumar Bidave and ACM faculty sponsor, Mr. Nikhil Dhavase & Mrs. Preeti Joshi Ma'am who motivated everyone with their enlightening words. The event commenced with the warm welcome of our distinguished mentor Mr. Rocky Jagtiani, Head - Training & Content development of Suven Consultants & Technology Pvt Ltd. He introduced participants to his IT firm & experience in this domain. Outline of entire workshop was stated. Rocky Sir then explained the use of ML in day-to-day life by giving real life examples like Nike shoes being searched on Amazon and application of ML in it. Then the ML pipeline concept was illustrated. The day concluded with a Q&A session along with assignments for the next day.

**Day 2**

Day 2 had a refreshing start with a quick recap of day 1. The session headed with inputs of ML pipeline considering the Toy Dataset. Numerous steps like data retrieval, feature engineering, scaling, fitting the data, transforming the data, One Hot Encoding and lastly, modelling of the data were taught. The participants coded alongside the mentor. The session concluded by imparting assignments for the better understanding of concepts.

**Day 3**

With a fresh start to the workshop, Rocky Sir explained the working of Kaggle Platform for building a recommendation system for movies. Overview about how LinkedIn, Amazon and many other websites recommend People, Products, etc was given. The types of recommendation systems like Content Based recommenders (focused on the product) & Collaborative filtering engines (focused on the user) were explained. The Terms such as NLP (Natural Language Processing), Calculation of Vector of numbers by TF-IDF (Term Frequency – Inverse Document frequency), like Cosine Similarity were described in a very lucid manner.
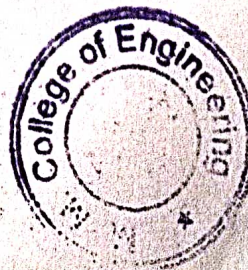
## Day 4

Right from the beginning of the day 4, Rocky Sir explained the logic behind the code and proceeded by coding the enhancing of the recommendation system. Keeping in mind the time constraint, the project key points were highlighted. Everyone was instructed to analyze the outputs. Participants seemed to be satisfied as their code worked and everyone got the desired outputs.
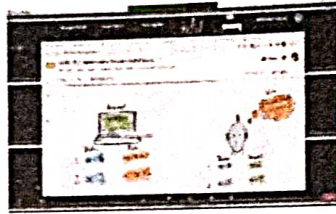
## Valedictory Function

The four-day workshop ended with a valedictory function graced by uplifting words of honorable Principal, Dr. S. M. Deshpande, HOD Information Technology department, Dr. Vijay Kumar Bidave. The workshop was a success as it was highly appreciated by the participants. Students were encouraged to explore ML domain aspects further. The co-ordinators for the Event were: Rutuja Khire, Abhishek Lalwani, Prajakta Raut, Isha Ghaisas, Bhakti Bhomaj, Bhargavi Bindu, Harsh Gangawane, Anushka Vaidya, Sachin Chavan, Yash Dixit, Pushkar Dashpute, Siddhant Jadhav, Isha Kulkarni, Samruddhi Velapurkar, Sham Birajdar, Swasti Bali, Anisha Kango, Vishwajeet Deshmukh.

## Photographs of the Workshop :



**Inaugural Function**



**Day 1 - Explaining Types of ML**
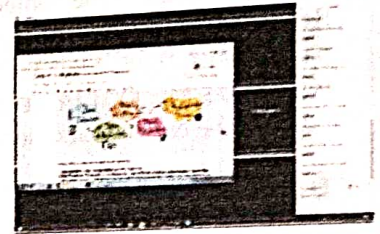


**Day 2 - ML Pipeline**
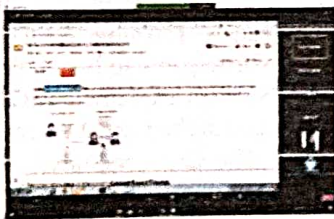


**Day 3-Recommendation System**
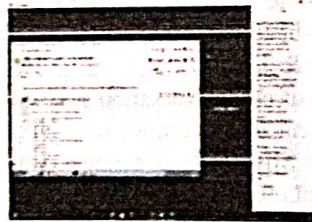


**Day 4 - Coding**
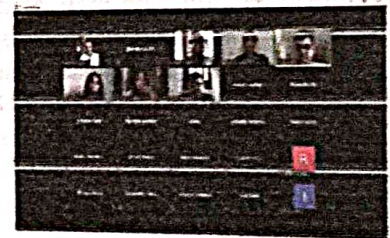


**Valedictory Function**

Mr. Nikhil Dhavase
Asst. Prof
ACM Chapter Faculty Sponsor

Dr. V. S. Bidave
HOD, IT
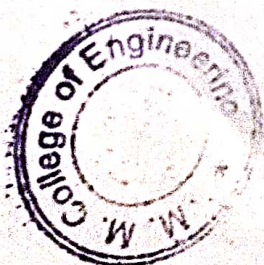
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## COLLEGE OF ENGINEERING
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NBA Accreditation: Electrical & Mechanical Department
Recipient of 'Best College Award 2019' by SPPU

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# DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: *2020-21*

**Event Name: Faculty Orientation Program (FOP) of SE-IT (2019 Course) for the subject "Software Engineering (Theory)"**
**Event Date: February 1, 2021**
**Venue: Online Google Meet**

Department of Information Technology, Marathwada Mitra Mandal's College of Engineering, karvenagar, organized a One day **Faculty Orientation Program (FOP)** on 1st February 2021 for **SE IT (2019 Course) for the subject "Software Engineering (Theory)"** in association with BOS-IT SPPU.

Workshop commenced with a welcome note and saraswati vandana. Later, Dr. V. S. Bidave, HOD IT, MMCOE briefed about the FOP and its objectives. Dr. S. M. Deshpande, Principal MMCOE gave an insight to the participants about techniques and effective ways of impactful teaching as well as he urged participants to explain the theoretical concept from industry perspective. The Chief Guest for FOP, Dr. L. V. Patil, BOS-IT member addressed participants regarding the updated contents of syllabus and gave best wishes for the workshop.

This faculty orientation program was meant to provide opportunities to discuss the scope and implementation of the subject **Software Engineering** of SEIT (2019 pattern). As an outcome for this FOP discussion on the theory contents and the reference book mapping for this subject that would help all participants in formal teaching of the subject. Also discussion was conducted on the guidelines for preparation of e-materials, question bank and exam conduction etc.

The resource persons for Software Engineering subject presented contents of syllabus to all the participants and discussion on various topics was conducted.

The workshop was attended by 40+ faculty members from various institutions. The workshop was fruitful for all the faculty members and met the objectives for which it was planned. The workshop was concluded with vote of thanks by Mr. J. R. Chavan.

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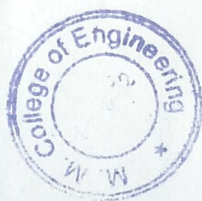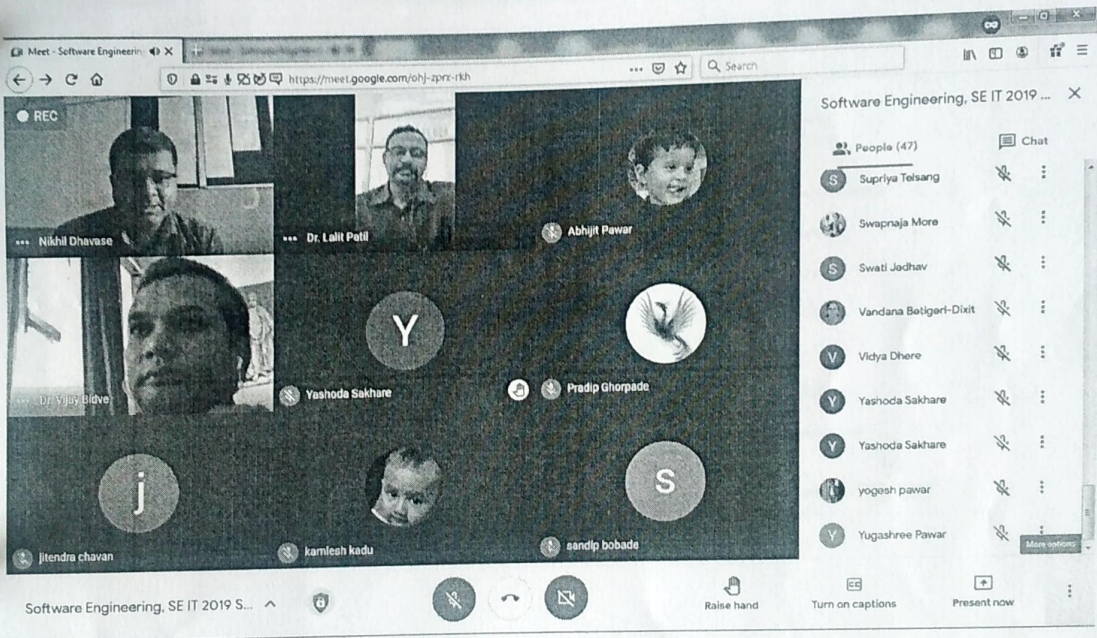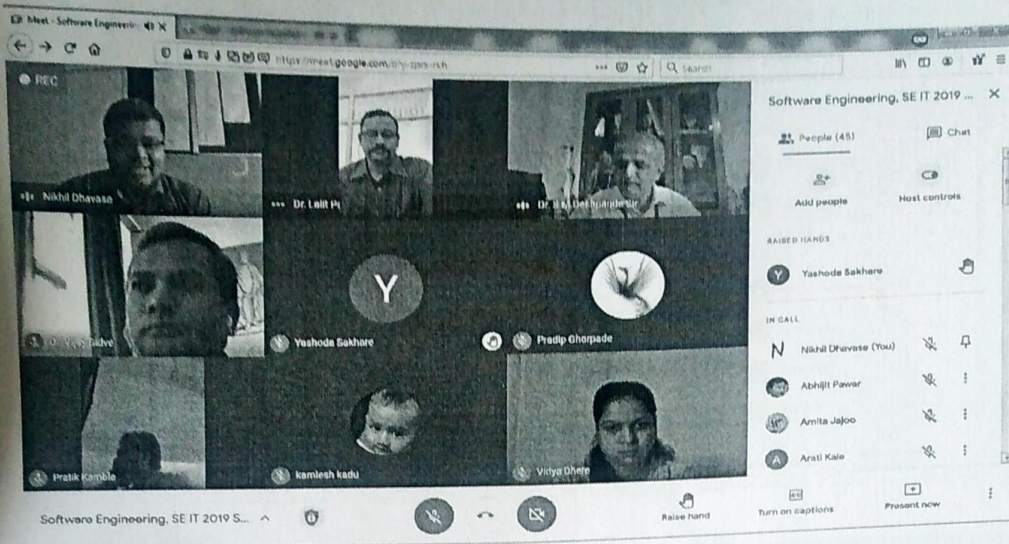
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**Course Outcomes**

On completion of the course, learner will be able to

CO1: Identify various software application domains and classify software applications.

CO2: Analyze software requirements by applying various modeling techniques.

CO3: Translate the requirement models into design models.

CO4: Apply planning and estimation to any project.

CO5: Apply quality attributes and testing principles in software development life cycle.

CO6: Discuss recent trends in Software engineering by using CASE and agile tools.



**Environment in Software Development**

Set the background

Types of Environment

- Development Environment
- Test Environment (SIT)
- Staging / UAT / Pre-Production Environment
- Production Environment

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Mr. N.S.Dhavase, Mr.J. R. Chavan
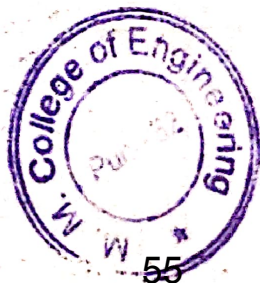FOP ,Coordinators

Dr. V. S. Bidve
Convenor and HoD,IT
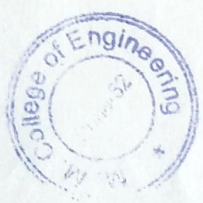
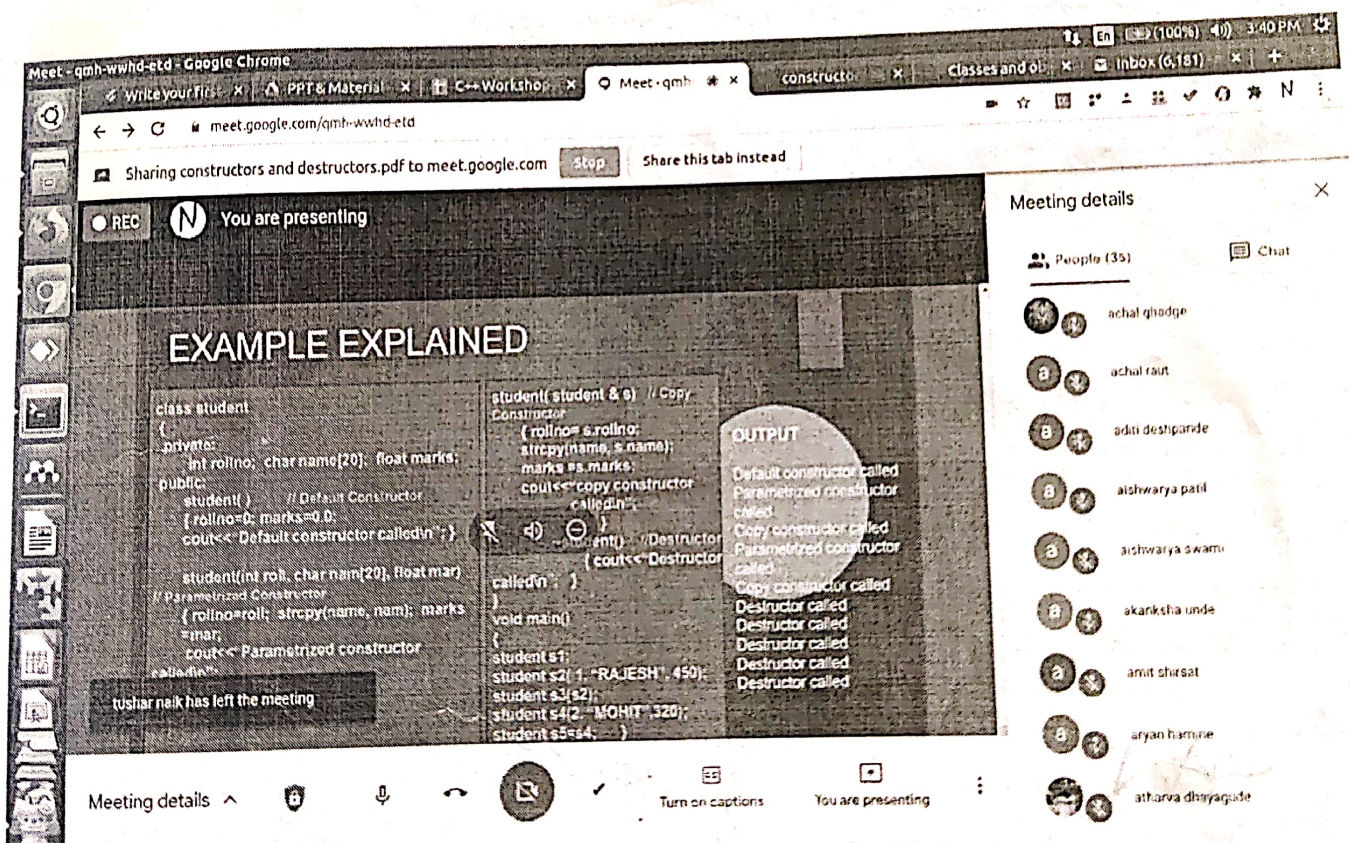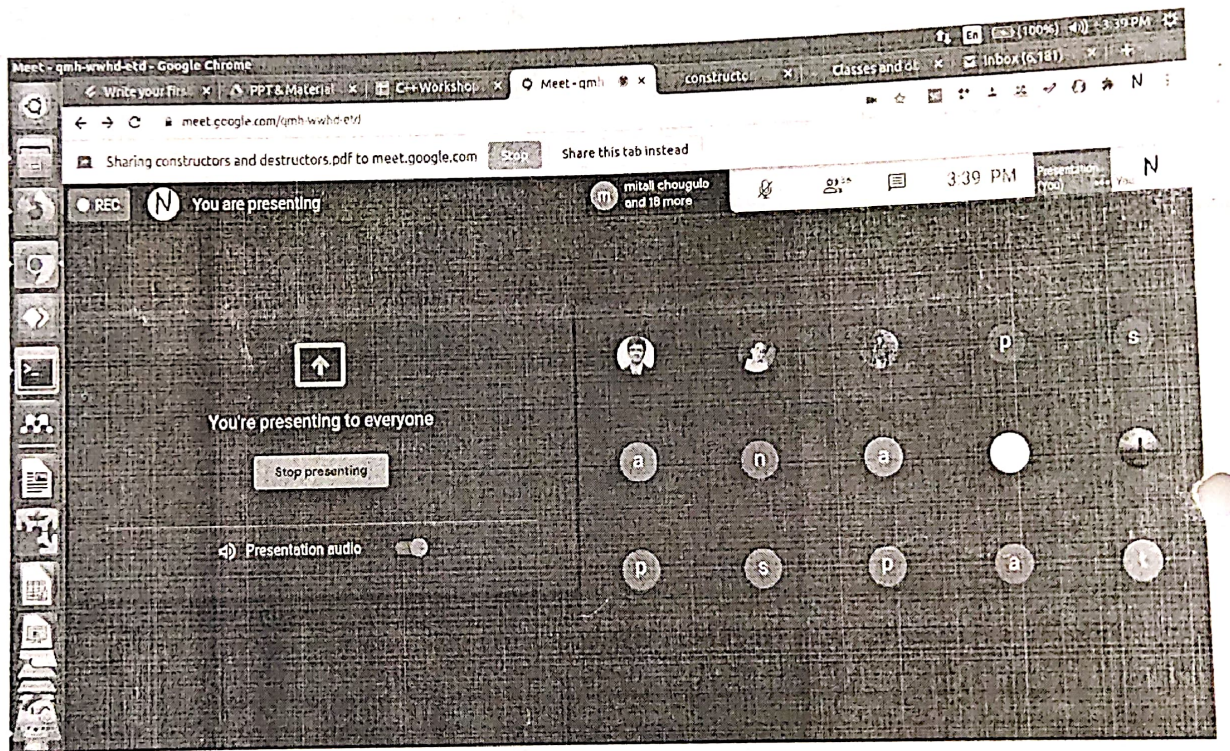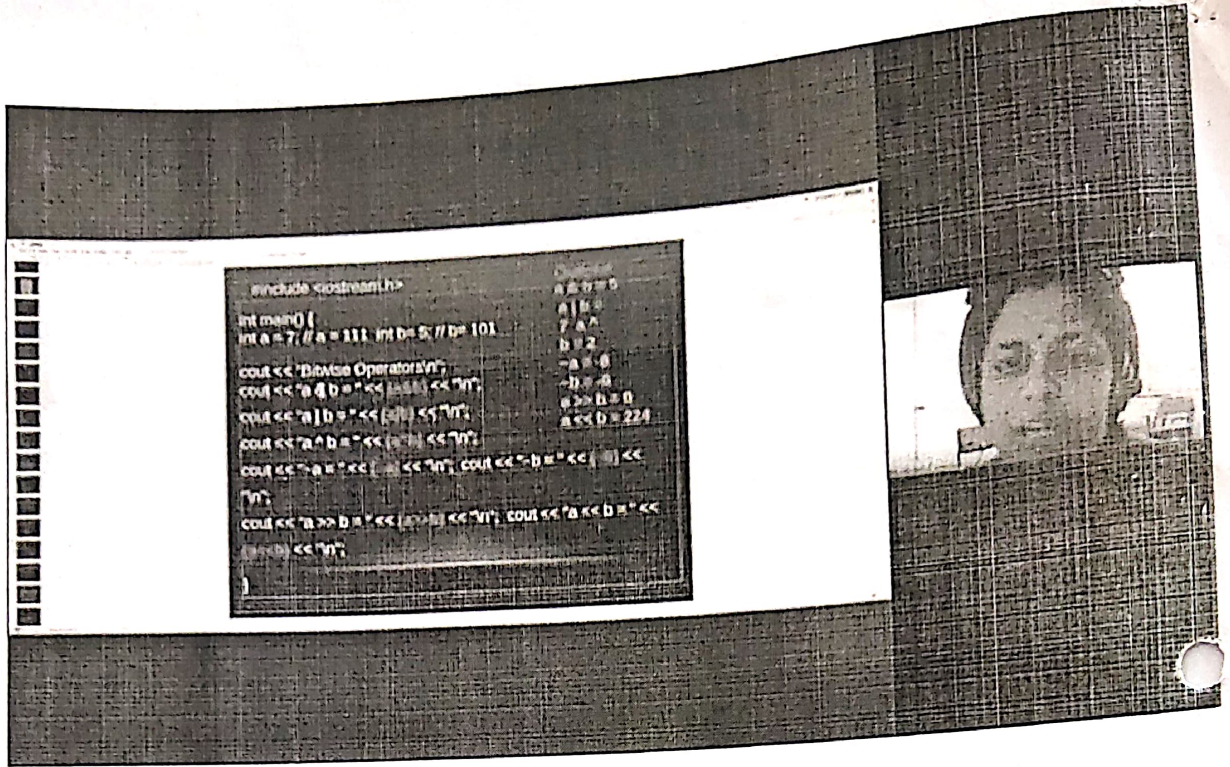## DEPARTMENT OF INFORMATION TECHNOLOGY
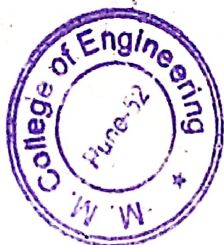
Academic Year: 2020-21 (Sem – I)

Department of Information Technology conducted one week hands on workshop on -- "C++ Programming" for students of MMCOE coming from first year to second year IT. The workshop was conducted from 28/09/2020  to 3/10/2020 by all faculty of IT department. 70+ Students participated in the C++ workshop. Department  conducted this workshop to enhance programming skills of students as C++ programming is the basic of all other object oriented programming languages. Based on C++ programming, students have fundamentals of Data structures and Algorithm, Data structure and Algorithm Lab, Computer graphics, as part of their curriculum. So, this workshop will be helpful to students to develop their technical ability.
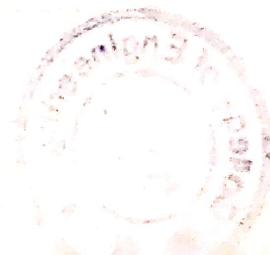
Ms. Shital Kakad

Asst.Professor ,IT

Dr. V. S. Bidve

HOD,IT

MMCOE/ IT/File No. 31

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## DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2020-21 (Sem – I)

**Event name:** Workshop on C for Electrical Department

**Event Date:** 14th Oct -21st Oct 2020

**Mode:** Online

Department of Information Technology conducted one week hands on workshop on "C Language" for students of Electrical Department. The workshop was conducted from 14/08/2021 to 21/08/2021 by all faculty of IT department. Department conducted this workshop to enhance programming skills of students as C programming is the basic of programming languages and to help prepare them for Spoken tutorial certification test. This workshop was helpful to students to develop their technical ability.
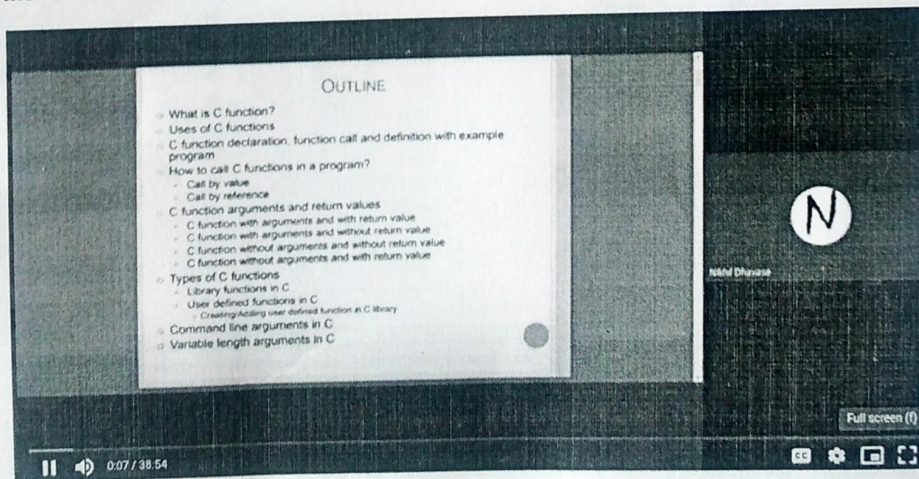


psj

Mrs. P. S. Joshi
Asst.Professor ,IT

Dr. V. S. Bidve
HOD,IT

MMCOE/ IT/File No. 31

C wrkshop for ElectricalDay 1 (1)

| Attendance for: | Class List | | | | |
|---|---|---|---|---|---|
| Date: | 2020-10-14 | Time: | 14:31 | Meet ID: | bem-pdez-fny |

| Names | 2020-10-14 | Email | Comments | Arrival time | Last Seen |
|---|---|---|---|---|---|
| Avdhoot Avhad | ✓ | | | 14:41 | 15:10 |
| Sanket Awaskar | ✓ | | | 15:02 | 15:34 |
| Mukund Bhagat | ✓ | | | 14:35 | 15:34 |
| Sanket Bhave | ✓ | | | 14:35 | 15:34 |
| Sayali Bhukane | ✓ | | | 14:35 | 14:37 |
| Hritik Biswas | ✓ | | | 14:35 | 14:41 |
| Jayesh Chaudhari | ✓ | | | 14:37 | 14:55 |
| Pranav Chinke | ✓ | | | 14:36 | 14:37 |
| Rashmi Deshpande | ✓ | | | 15:05 | 15:33 |
| Rohit Gandule | ✓ | | | 14:52 | 15:32 |
| Nikhil Gawate | ✓ | | | 15:19 | 15:21 |
| Pranav Girme. | ✓ | | | 14:32 | 15:33 |
| Atharva Hulavale | ✓ | | | 14:52 | 15:32 |
| Niranjan Jagdale | ✓ | | | 14:46 | 15:33 |
| Sujit Jagtap | ✓ | | | 14:35 | 14:37 |
| Kajal Jain | ✓ | | | 14:36 | 15:33 |
| Siddhant Jinturkar | ✓ | | | 14:35 | 15:33 |
| Charushila Kamali | ✓ | | | 14:36 | 15:33 |
| Siddharth Katale | ✓ | | | 14:36 | 14:56 |
| Shweta Khyamgonde | ✓ | | | 14:35 | 14:36 |
| Sarthak Kide | ✓ | | | 14:35 | 14:37 |
| Vinay Kothawade | ✓ | | | 14:32 | 15:34 |
| Shubhankar Kulkarni | ✓ | | | 15:00 | 15:32 |
| Prajakta Kumbhar | ✓ | | | 14:38 | 15:34 |
| Anuja Mohite | ✓ | | | 14:32 | 15:33 |
| Kishan Patel | ✓ | | | 15:33 | 15:33 |
| Ajinkya Patil | ✓ | | | 14:33 | 15:33 |
| Pranjal Patil | ✓ | | | 14:42 | 14:43 |
| Vedant Patil | ✓ | | | 14:35 | 15:34 |
| Payal Paygude | ✓ | | | 14:37 | 15:34 |
| Aditya Rangnekar | ✓ | | | 14:38 | 15:33 |
| Akanksha Salve | ✓ | | | 14:35 | 15:32 |
| Mohsin Shah | ✓ | | | 14:32 | 15:34 |
| Ganesh Swami | ✓ | | | 14:35 | 14:46 |
| Prasad Turate | ✓ | | | 14:36 | 14:53 |
| Prajakta Vaidya | ✓ | | | 14:32 | 15:33 |
| Rucha Vaidya | ✓ | | | 14:36 | 15:33 |
| Rutika Wani | ✓ | | | | |

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58

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## DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2020-21 (Sem – I)

**Event Name:** <WEBuild>
**Event Date:** 20th to 22nd October, 2020
**Venue:** Online Through ZOOM

### Event Details:

The ACM Students' Chapter of Marathwada Mitra Mandal's College of Engineering, Pune organized a three-day workshop in collaboration with Team Clever Programmer (A Renowned YouTube Channel) on Full Stack Web Development with M.E.R.N. named <WEBuild>. The objective of the Workshop was developing a full stack, web development project using M.E.R.N. The event was organized at a national level with over 245 participants from all over the country. The certificate partner for the event was Give My Certificate.

### Day 1 -

The Inauguration Ceremony was witnessed by Honorable Principal Dr. S.M. Deshpande, HOD IT Dr. Vijay Kumar Bidve and ACM Faculty Sponsor, Nikhil Dhavase who motivated everyone with their enlightening words. The event commenced with the warm welcome of our Eminent Mentors from abroad Mr. Rishi Patel & Mr. David Rakosi from the Team Clever Programmer. The expert web developer Rishi Patel encouraged students to showcase their talent with competitive spirit. Initially, the basics of HTML, CSS and JavaScript were covered. After short refreshments, participants headed to the hands-on experience of HTML and CSS, in which an animation was created by everyone. Furthermore, Rishi Patel showed the participants basic JavaScript modules. A short Q&A session took place where participants entreated various web development related doubts which Rishi Patel acknowledged by sharing a Road Map (targeted for 12 weeks).

### Day 2 -

After the enlivening Day 1, participants were ready for the fresh start of WEBuild Day 2. What is React? When to Use/When not to use it? Reacts Popularity in 2020? were the various aspects covered. David Rakosi mentored students with an objective to acquaint the students with knowledge of building Front-End using ReactJS. Basic installations and technical queries were resolved during the session itself. After a break, the session resumed with future goal-oriented aspects. Rishi Patel helped students to map themselves and estimate rough layout between one to ten years' span. Points on building a short yet an outstanding resume were showcased during the session.

### Day 3 -

Day 3 began on a fresh note with David Rakosi completing the Frontend. It was time consuming but everyone got well acquainted with developing the interface. Sonny Sangha from the Team Clever Programmer gave a surprise guest appearance. He counselled the participants to learn new technologies, develop new projects and thereby aided the students in their academic, personal and social growth. A book named Soft Skills by John Sonmez was recommended by him. Then Amaanath and Sayuri, 17-year-old programmers from Team Clever Programmer popped as another surprise. A 13-year-old Priyanshu Saraf told how he learned coding at such an early age and shared his experience with the participants. Team Clever Programmer discussed their Profit with JavaScript course with the participants and offered a huge discount on the same. The GitHub repository and recordings of all days were sent to the participants for reference.
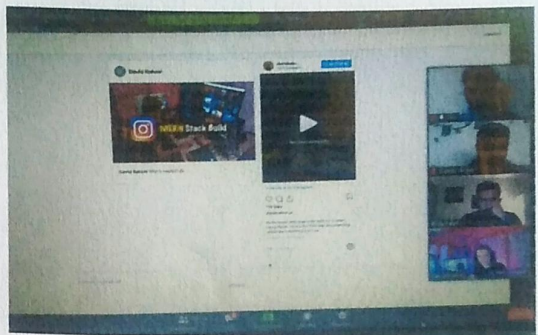
## Valedictory Function:

The Valedictory function was graced by honorable Dr. Vijay Kumar Bidve HOD Information Technology department who's uplifting words motivated everyone. Top 10 interactive participants were announced and they received Amazon vouchers worth ▢200 for their astounding response. Interactive participants were Siddhant Gupta, Dhruv Kothari, Ritankar Sarkar, Yash Chavan, Radhakrishna Bhogte, Anirudh Belwadi, Yash Patel, Kaustubh Patil, Prajakta Bimalkhedkar, Yashvi Shukla. The event concluded with a Vote of Thanks by ACM Students' Chapter Chairperson Ms. Rutuja Khire. The workshop was highly appreciated by the participants and they felt encouraged to explore these areas further.

The coordinators for <WEBuild> were: Rutuja Khire, Abhishek Lalwani, Prajakta Raut, Isha Ghaisas, Bhakti Bhomaj, Bhargavi Bindu, Harsh Gangawane, Anushka Vaidya, Sachin Chavan, Yash Dixit, Pushkar Dashpute, Siddhant Jadhav, Isha Kulkarni, Samruddhi Velapurkar, Sham Birajdar, Swasti Bali Anisha Kango, Vishwajeet Deshmukh.
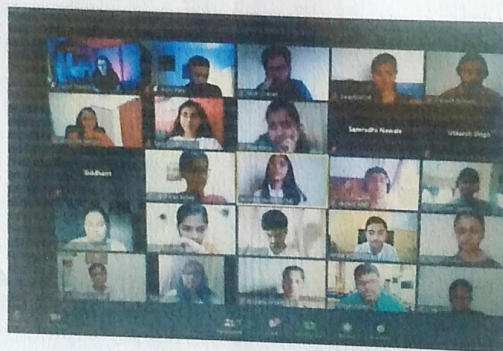
## Photographs of the Event with caption:
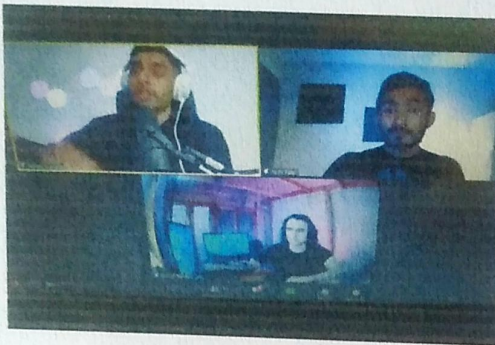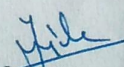


**Mentoring and guest appearance by**

**Mr. Sonny Sangha**



**Building Instagram Clone**



**Valedictory Function**

Mr. Nikhil Dhavase
**Faculty Sponsor**
**MMCOE ACM Students' Chapter**

Dr. V. S. Bidave
**H.O.D**
**Information Technology**

Marathwada Mitra Mandal's

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Accredited with "A" Grade by NAAC | Recipient of "Best College" Award in 2019 by SPPU

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### Academic Year 2020-21

**Event Name:** Alumni Webinar series on "SAP ad JAVA"

**Event Date and Venue:** 12/06/2020 to 16/06/2020 (*Google Meet*)

The alumni webinar series was organized from 12/06/2020 to 16/06/2020 by the Department of Information Technology, MMCOE, Pune. There were around 105+ participants registered for this webinar series. The webinar started with introduction of speaker with the participants. This webinar series aims to provide opportunities to participants to enrich their technical knowledge in the field of **"SAP and JAVA".**

The speaker for the first day was Ms. Siddhi Bendkhale, Associate consultant SAP, T-Systems ICT and the topic of the webinar was SAP Production Planning. During the course of 1 hour, she has delivered about process of aligning demand with manufacturing capacity to create production and procurement schedules for finished products and component materials.

In the second day of the programm Ms. Dnyanada Kale, Application Development Associate, Accenture .In this session, she discussed about SAP Analytics and Career Opportunities.

In the third day of the programme, Ms. Manasi Patil, Product Developer, Siemens Technology has delivered lecture on IOT + Agile. She discussed about Internet of Things (**IoT**) is a network of 'smart' devices that connect and communicate via the Internet. The key to the **IoT** is the inter-connectivity of devices, which collect and exchange information through embedded software, cameras and sensors which sense things like light, sound, distance and movement.

In the fourth day of the programme, Mr. Tushar wagh DB2 DBA in TCS has delivered lecture on IBM DB2 database fundamentals. He Said that IBM DB2 Database is a relational database that delivers advanced data management and analytics capabilities for your transactional workloads. This operational database is designed to deliver high performance, actionable insights, data availability and reliability, and it is supported across Linux, Unix and Windows operating

systems. On the last day of the programme Mr. Rohit Suryawanshi, Java Developer, Maersk GSC Pune has elucidated about Java OOPs.

This Programme fulfills its prime objectives to bring the faculties and students of different engineering, science and allied subjects onto one platform to update with the advances in the "SAP and JAVA". E-Certificate provided to all participants after successfully attending all sessions and filling the feedback form at the end of all webinars.
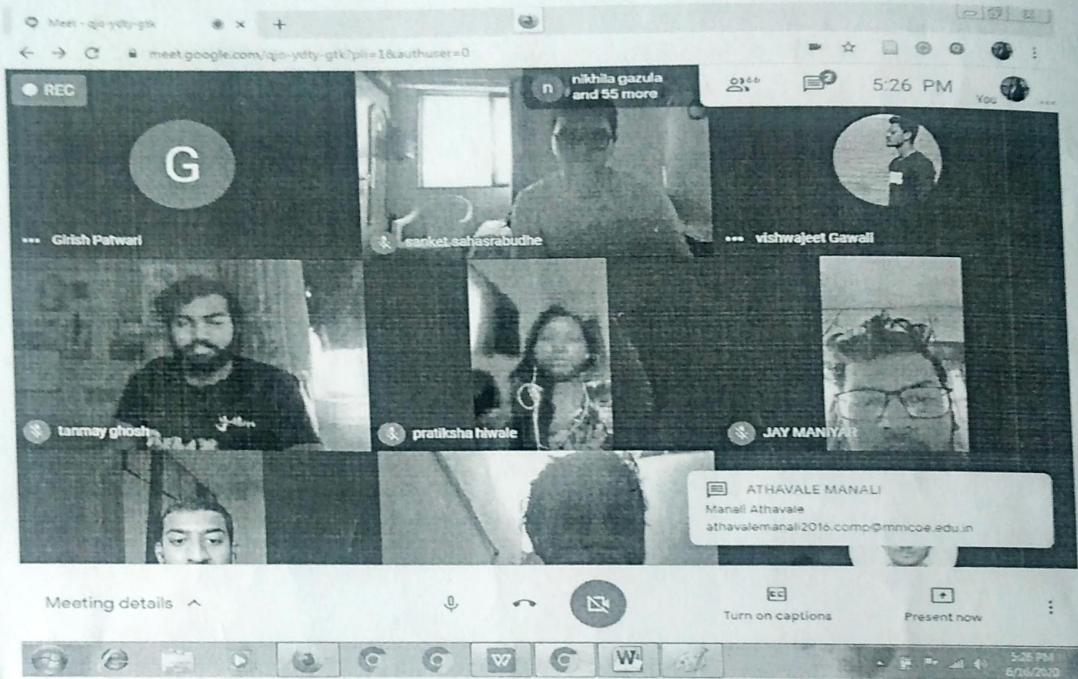


Prof. Shital Kakad
**Alumni Webinar Coordinator**

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| 110 | Badave Preeti Kishor | preetibadave2018.it@mmcoe.edu.in | MMCOE Pune |
| 111 | Manali Nitin Athavale | athavalemanali2016.comp@mmcoe.edu.in | Marathwada Mitra Mandal's College of Engineering |
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| 113 | Kabade | sidharudh@rediffmail.com | Government polytechnic Nanded |
| 114 | Sham Balaji Birajdar | shambirajdar2018.it@mmcoe.edu.in | Marathawa Mitra Mandal College Of Engineering Pune |
| 115 | Shruti Shankar Shete | shrutishete2018.it@mmcoe.edu.in | MMCOE ,Pune |
| 116 | Bhakti Sanjay Bhomaj | bhaktibhomaj2018.it@mmcoe.edu.in | Marathwada Mitramandal college of engg. Pune |
| 117 | PRITESH PRASHANT JOSHI | priteshjoshi2017_etc@mmcoe.edu.in | MMCOE , PUNE |
| 118 | Aachal Nandu Sawai | aachalsawai2018.it@mmcoe.edu.in | MMCOE Pune |
| 119 | Pooja Ganeshkar | pganeshkar2333@gmail.com | MMCOE Pune |
| 120 | Santoshi kashinath panchal | panchalkashinath2017.it@mmcoe.edu.in | Information Technology |
| 121 | Santoshi Kashinath Panchal | panchalkashinath2017.it@mmcoe.edu.in | MMCOE, Pune |
| 122 | Atharva Yogesh Inamdar | atharvainamdar2017.it@mmcoe.edu.in | MMCOE Pune |
| 123 | Piyush Milind Kolhe | piyushkolhe45521@gmail.com | Marathwada Mitra Mandal College of Engg |
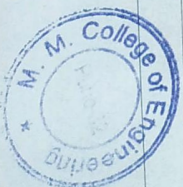
## DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2020 – 21 (Sem I)

**Event Name: Woebinar on Python**

**Event Date: 23/07/2020**

**Venue: *MMCOE***

MMCOE, Department of IT, conducted a sponsored 2hrs webinar on Python programming for your 2nd & 3rd year students on 23rd July 2020.This workshop was conducted by Mr. Parth Shukla, Director, 9ledgepro. Total 100 students from SE IT and TE IT, took part in this webinar. This workshop was organized under liaisoning with 9ledgepro.
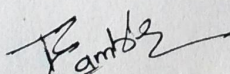
Topics Covered in this webinar are as follows:

1. Why Python is on the rise?

2. What makes Python unique?

3. Using Web API in python demo - Text to speech, Working with Matlab lib and QR Code

4. Developing Games in Python

5. Microsoft's Global Certification
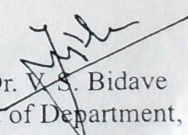
Our Principal sir Dr. S. M. Deshpande and HOD sir Dr. V. S. Bidave guided paerticipants by their enlighting speech. Students learned more interesting things in this webinar and enjoyed a lot.

Snaps of the Webinar:
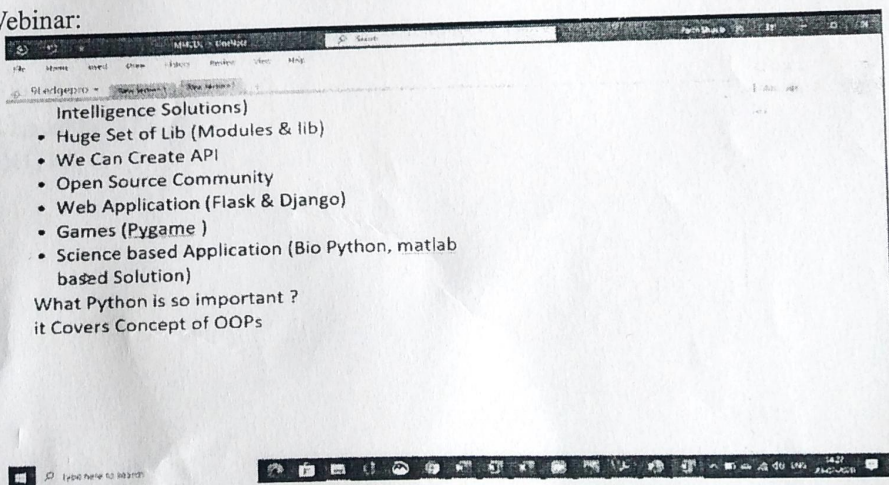


Mr. Kamble P. B.
Co-ordinator

Dr. V. S. Bidave
Head of Department, IT

# Python For Gaming Webinar by 9ledgepro

22 responses

Publish analytics

## Faculty

22 responses
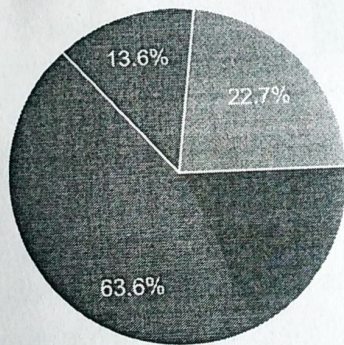


- Student
- Teacher
- System Admin

13.6%

22.7%

63.6%

**1. Did you attain ability to apply knowledge of Python For Gaming to the domain through this Workshop ?**

22 responses

15

15 (68.2%)

10

6 (27.3%)

Marathwada Mitra Mandal's
# COLLEGE OF ENGINEERING
S. No.18, Plot No.5/3, Karvenagar, PUNE - 411 052
*Accredited with 'A' Grade by NAAC*

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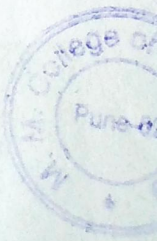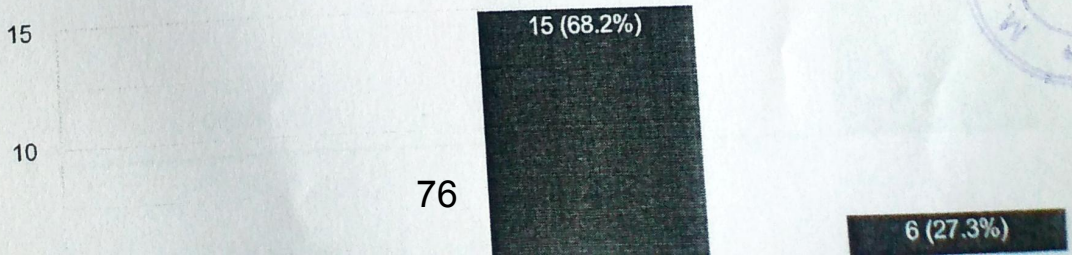
## DEPARTMENT OF INFORMATION TECHNOLOGY

### Academic Year: 2020-21

**Event Name:** Webinar on " **Machine Learning using Python**"

**Event Date and Time:** 25/07/2020, 1:00pm

**Class:** TE and BE

**No. of Participants:** 34

**Venue :** GoToWebinar Online

**Resource Person:** Deepak Garg
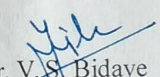
A webinar on " **Machine Learning Using Python**" was jointly organized by Marathwada Mitra Mandal's College of Engineering, Department of Information Technology in association with ATS Learning Solutions Pvt. Ltd. on 25/07/2020 at 1:00pm. The webinar session was conducted online through GoToWebinar. There were total 34 participants from TE and BE Class.

The speaker for the webinar was Deepak Garg, Regional Head at ATS Infotech Pvt Ltd. He discussed about applications of Machine Learning in different fields such as health care, banking, telecommunication, and so on. He discussed general overview of Machine Learning topics such as supervised vs unsupervised learning, and the usage of each algorithm. Also, the advantage of using Python libraries for implementing Machine Learning models. He explained benefits that make Python the best fit for machine learning and AI-based projects include simplicity and consistency, access to great libraries and frameworks for AI and machine learning (ML), flexibility, platform independence, and a wide community. These add to the overall popularity of the language.
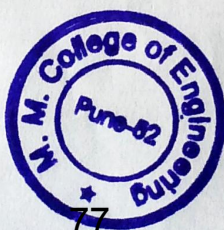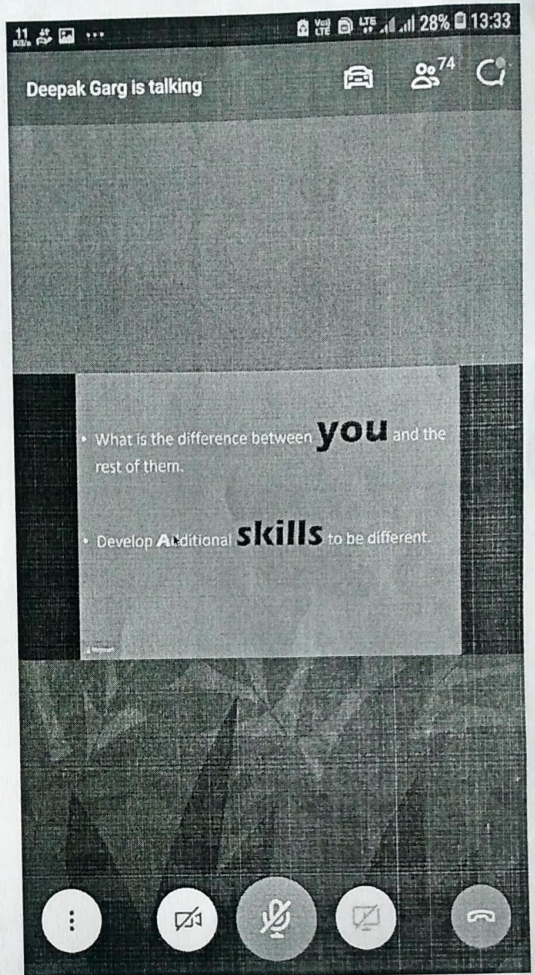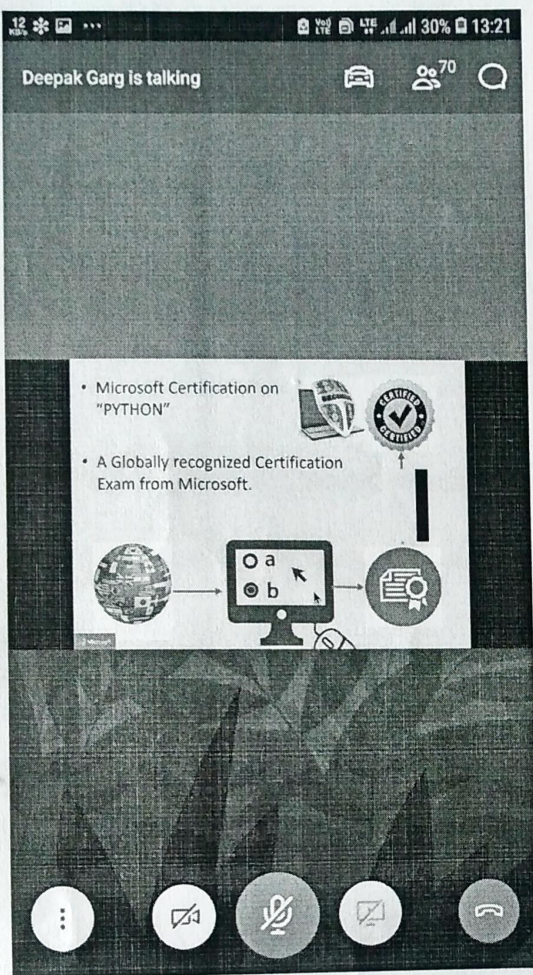
Ms. Shital Kakad
**Webinar Coordinator**
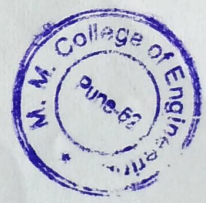
Dr. V. S. Bidave
**HOD, IT**

# Marathwada Mitra Mandal's
## COLLEGE OF ENGINEERING, PUNE
Accredited with 'A' Grade by NAAC
Recipient of 'Best College Award 2019' of SPPU
Attendance
### Department of Information Technology

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|---|---|---|
| 1 | Agarwal Preetish Rishi | preetishagarwal2019.it@mmcoe.edu.in |
| 2 | Yash Dixit | yashdixit2018.it@mmcoe.edu.in |
| 3 | Pranjal Patil | pranjalpatil2017.it@mmcoe.edu.in |
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| 10 | Snehal Nathaso Kadam | snehalkadam2017.it@mmcoe.edu.in |
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| 12 | Preeti Badave | preetibadave2018.it@mmcoe.edu.in |
| 13 | Vinay karanjkar | vinaykaranjkar2017.it@mmcoe.edu.in |
| 14 | Himani Chaudhari | himchaudhary14@gmail.com |
| 15 | Shubham Pawar | shubhampawar2018.it@mmcoe.edu.in |
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| 19 | Sneha Bobde | snehabobde2019.etc@gmail.com |
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| 21 | Rohit katrajakar | katrajakarpradip2019.it@mmcoe.edu.in |
| 22 | Abhishek Ramesh Pawar | ap58593009@gmail.com |
| 23 | Soham | sohamsurvase2018.it@mmcoe.edu.in |
| 24 | Yash Ghan | yashghan2019.it@mmcoe.edu.in |
| 25 | Aditya ghadge | adityaghadge2019.it@mmcoe.edu.in |
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| 27 | Aryan Madhur Hamine | aryanhamine2019.it@mmcoe.edu.in |
| 28 | Asode Sakshi Sanjay | sakshiasode2019.it@mmcoe.edu.in |
| 29 | Badgujar Gajanan Shankar | gajananbadgujar2019.it@mmcoe.edu.in |
| 30 | Barhanpurkar Piyush Jayant | piyushbarhanpurkar2019.it@mmcoe.edu.in |
| 31 | Bawaskar Rushikesh Kailas | rushikeshbawaskar2019.it@mmcoe.edu.in |
| 32 | Bhatlawande Harshal Pandurang | harshalbhatlawande2019.it@mmcoe.edu.in |
| 33 | Bhongale Stuti Ravindra | stutibhongale2019.it@mmcoe.edu.in |
| 34 | Bobde Sneha Ramesh | snehabobde2019.etc@mmcoe.edu.in |
| 35 | Chougule Mitali Kundlik | mitalichougule2019.it@mmcoe.edu.in |
| 36 | Darade Aniket Gangadhar | aniketdarade2019.it@mmcoe.edu.in |
| 37 | Deshpande Aditi Anilrao | aditideshpande2019.it@mmcoe.edu.in |
| 38 | Dhayagude Atharva Atul | atharvadhayagude2019.it@mmcoe.edu.in |
| 39 | Dongre Anay Uday | anaydongre2019.it@mmcoe.edu.in |
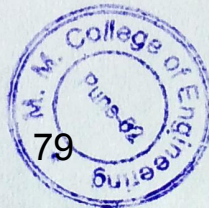
**Event Name:** Report of orientation seminar regarding "Study Go Work Japan" for SE & TE students of all branches.

**Organized By:** Department of Information Technology

**Day & Date:** Tuesday, 31/07/2020

**Time:** 11:00am to 12:30pm

**Expert:** Mr. Prajwal Channagiri, Hirameki Solutions, Pune

**Coordinator:** Mr. Pratik Kamble

Hirameki takes care of Japanese language training and cater to lot of colleges and companies. Mr. Prajwal Channagiri, co-owner of Hirameki Solutions and Japanese language coordinator of Japanese section of Department of Foriegn Languages, Savitribai Phule Pune University. Hirameki Solutions with the support of Asia to Japan, Tokyo, Japan, has designed a program called "Study Go Work Japan" and they are working on this program for Pune University students in India, two Universities from Malaysia and China.

As Department Of Information Technology MOU with Hirameki Solutions. Mr. Prajwal Channagiri running this program for all MMCOE students, specially students of SE and TE classes. As we all know, relations between India and Japan are very good and there will be lot of opportunities for Japanese learners in near future. So learning Japanese language will always help your students to have a bright future. "Study Go Work Japan" is a program that provides Japanese language training for FREE to elite students. They also invite students to Japan for free for interviews with Japanese companies. Till now 6 students of MMCOE are placed under this program. To encourage more number of students and to increase the placement count through this program this orientation program was arranged, this will help number of students to take benefit of "Study Go Work Japan" program.

**Quick snapshot of Asia to Japan Program:**

1.  Helps you connect with Japanese Companies

2.  Takes care of your Japanese lessons for FREE

3.  Supports you in finding house and make sure your comfort life in Japan (For first few months)

4.  Enables you get ready to work overseas

**Eligibility:**

1.  Students who plan to graduate in 2018

2.  Students from IT, Software, ENTC, Mechanical Engineering, Electrical Engineering

3.  Strong academic record

4.  Interest to learn the language and make career in Japan

Dr. V. S. Bidve, HOD

80

# Study Go Work

20 responses

Publish analytics

## Faculty

20 responses



● Student
● Teacher

100%
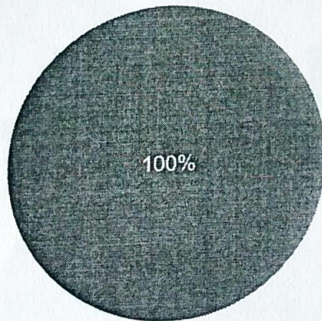
1. Did you attain ability to apply knowledge of Study Go Work Japan to the domain through this Webinar ?

20 responses
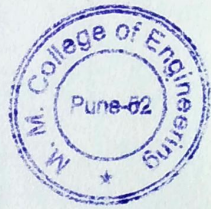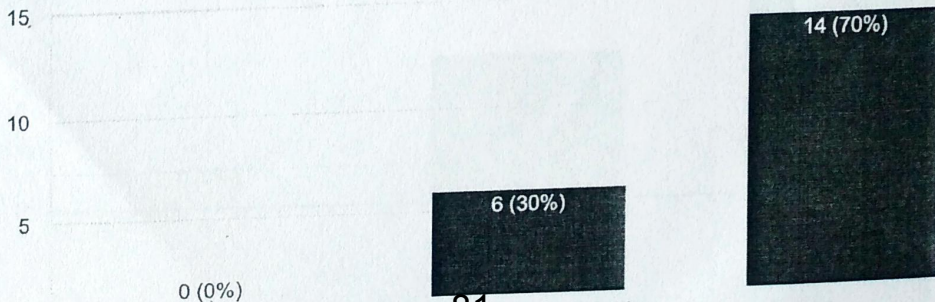


0 (0%)                6 (30%)           14 (70%)

-----------------------------------------------------------------------------

**Event Name: Webinar on "Data Science"**
**Event Date: 24ᵗʰ July 2020**
**Mode: Online**
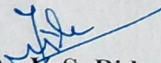
The Departments of Information Technology had organized a webinar on Data Science for all faculty and students of MMCOE. The speaker was Mr. Aditya Phadke, Alumni 2018 batch from IT Department . Mr. Aditya shared his subject expertise along with details of the projects he worked on during his post graduation program at Canada. The program was attended by 133 people .

The program was coordinated by Mrs. Preeti Joshi with guidance from Dr. V. S. Bidve, HOD, IT . Principal Dr. S.M.Deshpande supported the event whole heartedly.


**Mrs. P. S. Joshi**
Webinar coordinator

**Dr. V. S. Bidve**
HOD, IT
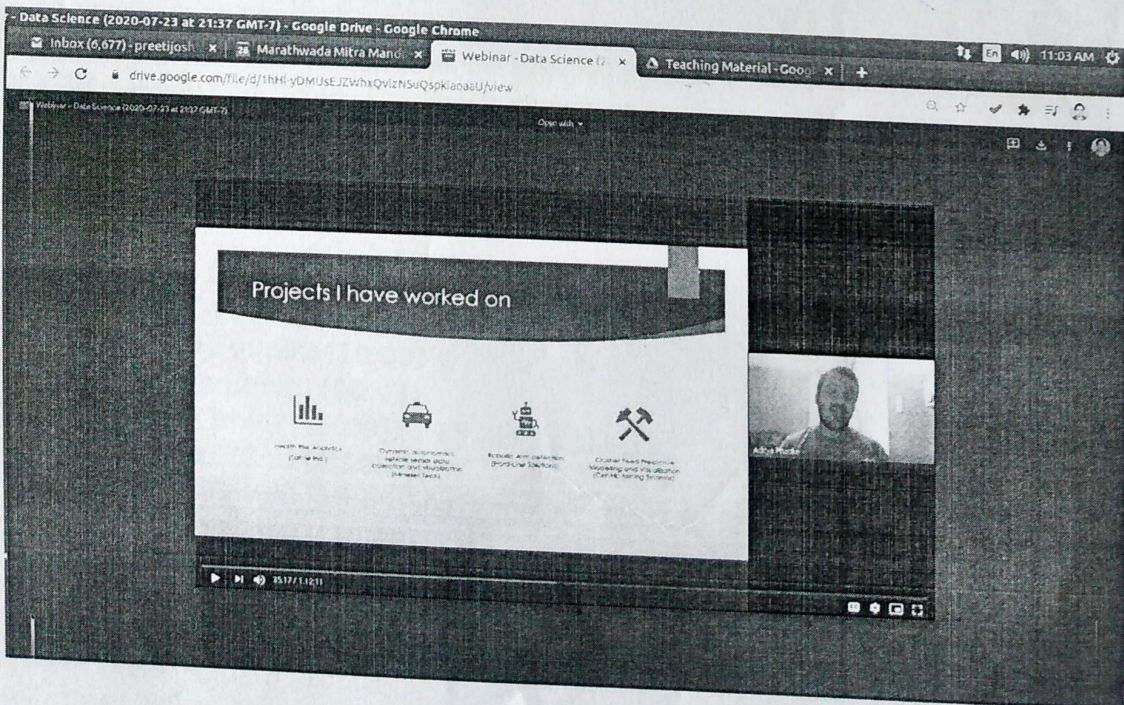
Attendance for: Class List on 2020-07-24

Names2020-07-24 9:53Arrival time
aditya phadke 9:54 (53min) [10:46] 9:54 (0min) [9:54] 10:07 (0min)
preeti joshi?9:54 (11min) [10:11]
rutuja lalge?9:55 (2min) [9:56]
shruti shete?9:55 (7min) [10:05]10:34 (4min) [10:45]
akanksha kulkarni?9:56 (42min) [10:46]
salehittal shamant?9:56 (15min) [10:11]
sparky highlights?9:57 (0min) [9:57]
prajakta bimalkhedkar?9:57 (3min) [10:10]
vinay phadnis?9:58 (1min) [9:58]10:04 (0min) [10:04]
sanjana pisute?9:58 (4min) [10:05]
sneha kambley?9:58 (14min) [10:46]
aniket gadage?9:58 (5min) [10:06]
chaitanya balinavar?9:58 (7min) [10:13]
pranjal patil?9:58 (5min) [10:09]
aniket anbhule?9:58 (5min) [10:07]
tejas sonaje?9:58 (21min) [10:46]
sachin chavan?9:59 (0min) [9:59]
rushikesh dongre?9:59 (4min) [10:09]
devika rembhotkar?9:59 (4min) [10:04]
avinash kanchewad?9:59 (5min) [10:13]10:25 (0min) [10:25]
pooja jagtap?9:59 (1min) [10:10]10:14 (0min) [10:14]
madhura barve?9:59 (11min) [10:35]
milind deshpande?9:59 (11min) [10:35]
himani chaudhary?9:59 (5min) [10:14]
nimish garde?10:00 (2min) [10:10]10:20 (8min) [10:35]
nishant kulkarni?10:00 (1min) [10:10]10:25 (6min) [10:35]
bhakre abhishek?10:00 (4min) [10:13]
govind rapanwad?10:00 (4min) [10:14]
kartik agarwal?10:00 (4min) [10:32]
seema somwanshi?10:01 (2min) [10:05]
gaurav belekar?10:01 (3min) [10:04]
amey joshi?10:01 (4min) [10:11]
rutuja mohite?10:01 (4min) [10:09]
sejal sarolkar?10:01 (2min) [10:05]
sairaj mule?10:01 (3min) [10:09]10:15 (0min) [10:15]
ashutosh fase?10:01 (3min) [10:13]
sayali awale?10:01 (2min) [10:05]10:09 (0min) [10:09]
rutika kadam?10:01 (3min) [10:09]
hrithik naik?10:01 (3min) [10:14]10:27 (0min) [10:27]
shubham kamble?10:01 (10min) [10:46]
vaibhav nikas?10:01 (8min) [10:21]
yashashree?10:01 (2min) [10:18]
sauradh mahalankar ?
vinay karanjkar ?
sachin bavdhankar?10:01 (6min) [10:09]
mohit kulkarni?10:02 (10min) [10:35]
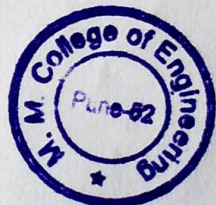
kunal patil?10:22 (8min) [10:35]
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pratiksha pund?10:23 (0min) [10:23]
yashashri malvi?10:23 (0min) [10:23]
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aishwarya porwal?10:31 (0min) [10:31]
prajakta raut?10:31 (0min) [10:31]
jadoun shubham?10:31 (0min) [10:31]
neil bhagwat?10:33 (1min) [10:34]
prathmesh deshpande?10:33 (0min) [10:33]
gaurang palaskar?10:34 (0min) [10:34]
shubhankar khade?10:35 (11min) [10:46]
akshay patil?10:36 (1min) [10:36]
abhishek ukirde?10:36 (0min) [10:36]
sairaj khandagale?10:36 (0min) [10:36]
kunal shete?10:38 (0min) [10:38]
vaibhavi kalinkar?10:41 (6min) [10:46]
shripad patil?10:41 (3min) [10:44]
prathamesh utture?10:42 (0min) [10:42]
varun malpani?10:43 (0min) [10:43]
omkar shejwal?10:44 (0min) [10:44]
piyush kapadi?10:45 (0min) [10:45]
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pratik dandnaik?10:46 (0min) [10:46]

abhishek dixit?10:07 (2min) [10:11]
deepti dongare?10:07 (2min) [10:13]
anushka nalawade?10:07 (2min) [10:13]
shrikant belsare?10:07 (0min) [10:07]10:41 (3min) [10:44]
vedant salvi?10:07 (14min) [10:27]
atharva devare?10:07 (0min) [10:07]
gaurav patil?10:07 (1min) [10:14]
vivek auti?10:07 (5min) [10:21]
nikhil botwe?10:08 (9min) [10:35]
durva matey?10:08 (0min) [10:08]
rathod arpit?10:08 (1min) [10:09]
sahil barshikar?10:08 (1min) [10:09]10:40 (0min) [10:40]
ameya mote?10:09 (1min) [10:11]
kedar wadhavkar?10:09 (7min) [10:35]
vishal bokil?10:09 (2min) [10:16]
abhishek sonawane?10:09 (1min) [10:11]
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devyani jadhav?10:10 (0min) [10:10]10:40 (0min) [10:40]
hambarde samrudha ? 10:10 (1min) [10:14] 10:25
sujay mhaske?10:10 (17min) [10:46]
gandhi sanskar?10:11 (0min) [10:11]
atharva inamdar?10:11 (2min) [10:13]10:42 (0min) [10:42]
malhar atre?10:12 (33min) [10:45]10:46 (0min) [10:46]
amit gujar?10:12 (0min) [10:12]
rohit sanap?10:12 (0min) [10:12]
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jishan pathan?10:14 (0min) [10:14]10:46 (0min) [10:46]
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nitish pathak?10:15 (0min) [10:15]
shubham munkampalli?10:15 (11min) [10:46]
nitin jadhav?10:15 (0min) [10:15]
pratik kamble?10:15 (0min) [10:15]
sunil kale?10:16 (0min) [10:16]10:17 (17min) [10:46]
aditya yardi?10:16 (0min) [10:16]
tanvi karale?10:16 (19min) [10:46]
asawari galande?10:17 (0min) [10:17]
kiran bawaskar?10:17 (0min) [10:17]
sham birajdar?10:17 (1min) [10:42]
ruturaj vedante?10:18 (0min) [10:18]
nikhil dhavase?10:19 (0min) [10:19]10:33 (2min) [10:35]
patil akash?10:19 (0min) [10:19]
mihir modi?10:20 (8min) [10:35]
isha ghaisas?10:20 (0min) [10:20]
chaitanya shinde?10:21 (0min) [10:21]
rahul yadav ? 10:21 (0min) [10:21] 10:24 (1min)
aditya sholapurkar?10:21 (0min) [10:21]
omkar bakshi?10:22 (4min) [10:33]
shalvi upganlawar?10:22 (0min) [10:22]
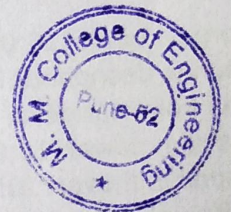
jayshree keskar?10:02 (2min) [10:14]
kr patil?10:02 (44min) [10:46]
arya kadam?10:02 (4min) [10:13]
nikhila gazula?10:02 (10min) [10:35]
shubham bhumkar?10:02 (8min) [10:46]
ankita deshmukh?10:02 (3min) [10:13]
sushil ingole?10:03 (22min) [10:46]
jagdale swaraj?10:03 (2min) [10:14]10:37 (0min) [10:37]
abhishek lalwani?10:03 (3min) [10:11]
vishal ingle ? 10:03 (0min) [10:03]
tejashri shelar?10:03 (17min) [10:40]
parth bhalerao?10:03 (1min) [10:10]
preeti badave?10:03 (1min) [10:09]
komal kulkarni?10:03 (8min) [10:32]
amit virkar?10:03 (2min) [10:07]
dhananjay bodas?10:03 (1min) [10:04]
sangramsingh deshmukh?10:03 (1min) [10:05]
chinmay patil?10:03 (3min) [10:13]
vaidehi sarap?10:03 (16min) [10:39]
sunil shinde?10:03 (7min) [10:27]
rajas dhepe?10:03 (2min) [10:09]
uddhav gavhane?10:03 (1min) [10:08]
rajat patil?10:03 (2min) [10:09]
chinmay thite?10:04 (3min) [10:13]
hazel abraham?10:04 (2min) [10:14]
prajakta shewale?10:04 (1min) [10:09]
suraj ghodake?10:04 (0min) [10:04]10:16 (9min) [10:27]
aniruddha joshi?10:04 (0min) [10:04]
akash chopade?10:04 (3min) [10:11]

anjali khivansara?10:04 (0min) [10:04]10:23 (0min) [10:23]10:41 (0min) [10:41]
kapil swami?10:04 (1min) [10:14]
prathamesh kirtane?10:04 (1min) [10:09]
snehal kadam?10:05 (12min) [10:46]
amit kadam?10:05 (2min) [10:07]
vinayak tumbagi?10:05 (14min) [10:27]

warade adesh?10:05 (0min) [10:05]10:10 (3min) [10:18]10:20 (0min) [10:20]

bhargavi bindu?10:05 (2min) [10:13]10:42 (0min) [10:42]10:44 (0min) [10:44]
shaunak deshpande?10:05 (0min) [10:05]
rahul bhirawandekar ? 10:06 (1min) [10:09] 10:12 (0min) [10:12] 10:25
shubham pawar?10:06 (11min) [10:46]
swapnil jadhavar?10:06 (22min) [10:46]
ankita yeole?10:06 (3min) [10:13]
vedant deshmukh ? 10:06 (1min) [10:08] 10:15 (6min) [10:20] 10:25 (0min)
[10:25] 10:30 (0min) [10:30]
pranali sarode?10:06 (1min) [10:09]
gumaste sarth?10:06 (1min) [10:14]
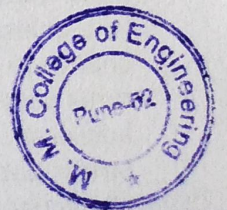
## DEPARTMENT OF INFORMATION TECHNOLOGY
### Academic Year: 2020 – 21 (Sem I)

**Event Name: Woebinar on GitHub**
**Event Date: 11/08/2020**
**Venue: *MMCOE***
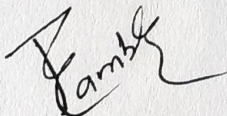
MMCOE, Department of IT, conducted a 2 hours webinar on GitHub and Microsoft certification for your 2nd & 3rd year students on 11th Aug 2020. This workshop was conducted by Mr. Parth Shukla, Director, 9ledgepro. Total 87 students from SE IT and TE IT, took part in this webinar. This workshop was organized under liaisoning with 9ledgepro.
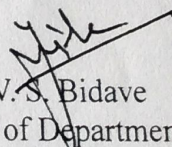
Topics Covered in this webinar are as follows:

1.  What are skills.
2.  Importance of skills in industry 4.0
3.  Importance of Python
4.  Importance of Certification in early career
5.  Role of info/data in current trends
6.  Microsoft offerings to student certification,
7.  E-learning and tools
8.  What is GIT
9.  Why we use GitHub
10. How GitHub helps Programmer
11. Code Sharing & Versioning Control using GitHub

Our HOD sir Dr. V. S. Bidave guided paerticipants by their enlighting speech. Students learned more interesting things in this webinar and enjoyed a lot.

Mr. Kamble P. B.
Co-ordinator

Dr. V. S. Bidave
Head of Department, IT

# Python For GitHub Webinar by 9ledgepro

16 responses

Publish analytics

## Faculty

16 responses

- Student
- Teacher

100%
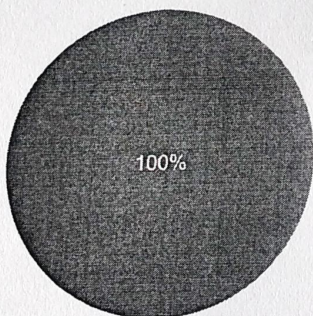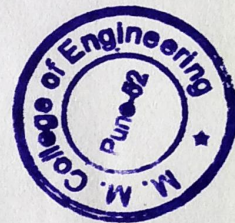
1. Did you attain ability to apply knowledge of Python For GitHub to the domain through this Workshop ?

16 responses

10.0

7.5

5.0

6 (37.5%)

9 (56.3%)

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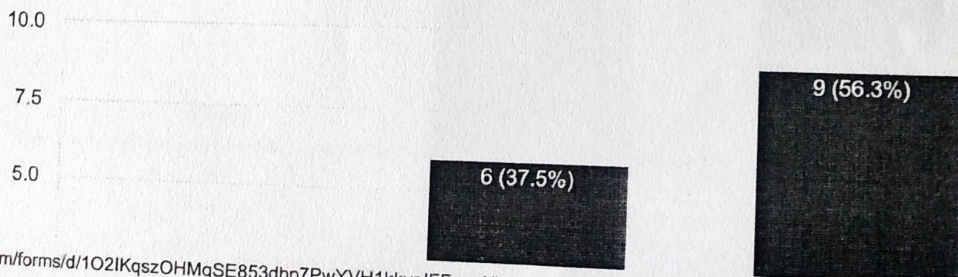
## DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2020 – 21 (Sem I)

**Event Name:** Webinar on **"Careers after Covid-19"**
**Event Date: 8ᵗʰ August 2020**
**Time: 11 am to 12 pm**

Department Of Information Technology and Information Technology Students Association (ITSA) has organized Webinar on "Careers after Covid-19" on 8ᵗʰ August 2020 .This webinar was conducted by Mr.Vivek Deshpande, Chairman and Managing Director of Rudranee Infrastructure Ltd.Total 125 participants took part in this webinar.

Dr. V. S. Bidve, HOD IT, welcomed chief guest at the beginning of the webinar.

Dr.S.M.Deshpande, Principal, MMCOE Pune guided participants by their enlighten speech.

Mr.Vivek Deshpande, Speaker of webinar guided students about career option available after Covid-19. He motivated to students for to start start-up. Students learned more interesting things in this webinar and understood the future career path.
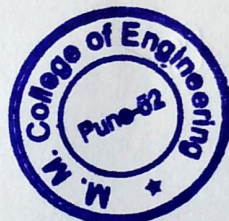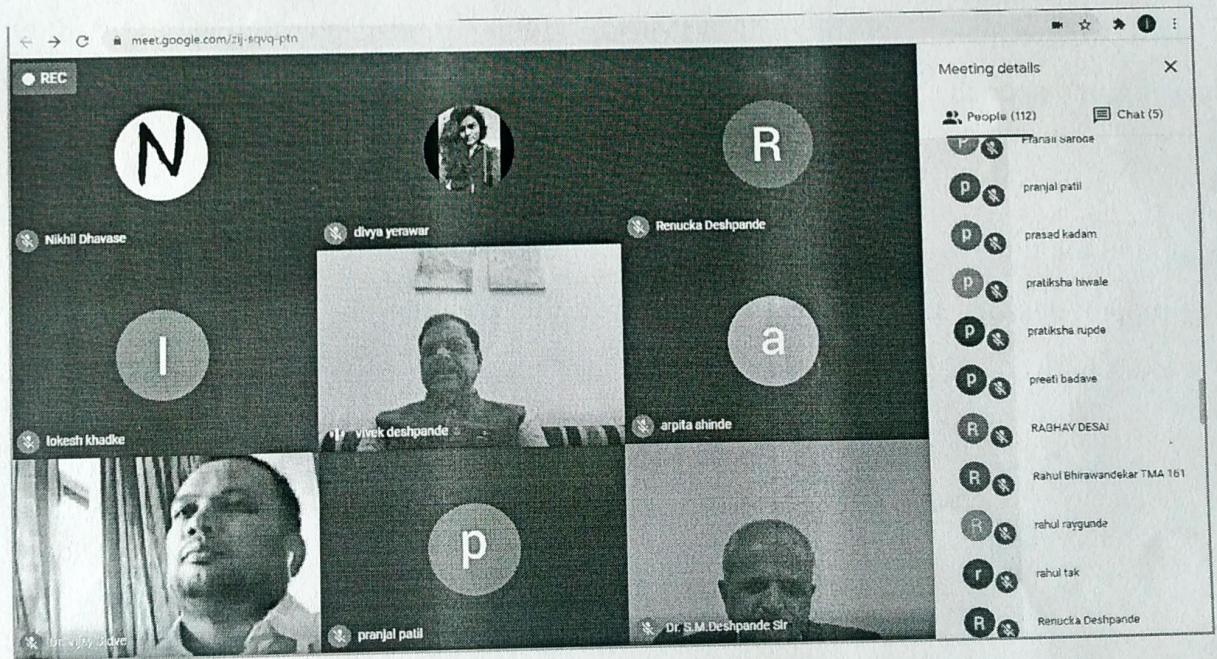
File No.23

_schate_

Mr.Sheryas Chate

Student Coordinator

Mr. J.R.Chavan

Faculty Co-ordinator

Dr. V. S. Bidve

HOD,IT

File No.23

90

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## DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2020 – 21 (Sem I)

**Event Name:** Webinar on "Introduction to Model United Nations"
**Event Date:** 14th August 2020
**Time: 11 am to 12 pm**

Institute of Model United Nations Upskill (IMUNU) in collaboration with Information Technology and Computer engineering department of MMCOE Pune organized Webinar on the topic of "Introduction to Model United Nations". Model United Nations or MUN to be specific is basically a simulation of the actual United Nations conferences. The main aim of MUNs is to educate the participants about the current affairs, topics in international relations and much more. The competition consists of various committees which are actually a part of the UN. The speaker for the webinar was Sujay Bhagwat who is the founder of IMUNU. He has been MUNing since 10th std. He has won 10+ MUNs and has been helping MUN enthusiasts to develop their skills and crack this competition. IMUNU has trained and consulted many individuals. MUN is a conventional practice in most of the international schools and colleges and hence the objective of IMUNU is to make everyone well aware of this practice.

The webinar commenced at 11:00am in the presence of HOD Computer and HOD IT. Students from SE, TE as well as BE joined the session in large numbers. Around 250 students were present for this webinar. The speaker explained the concept of MUN briefly. In the later part of the webinar he stated all the advantages or the perks of MUNs like attending such conferences can boost your vocabulary to distinguished levels. He explained the perks of being a diplomat and also told that being a confident individual can win you any no-win situations. Lastly Atharva Deshpande from our very own MMCOE, who has been linked with IMUNU since last year or so, shared his experience of this competition. He explained the changes he witnessed in himself since he started participating in MUNs.

Dr.Vijaykumar Bidve, HOD IT, shared his feedback on this particular initiative and applauded this venture. At the very end the speaker proposed the vote of thanks and appealed everyone to participate in MUNs. By means of this report, we would like to place on record our
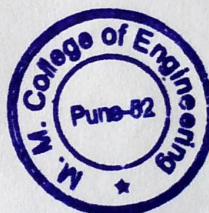
File No.23

appreciation and gratitude towards Principal Dr. S. M. Deshpande sir, for their continuous support and encouragement in conducting this event.





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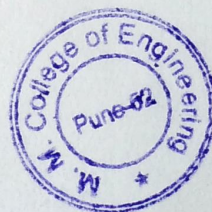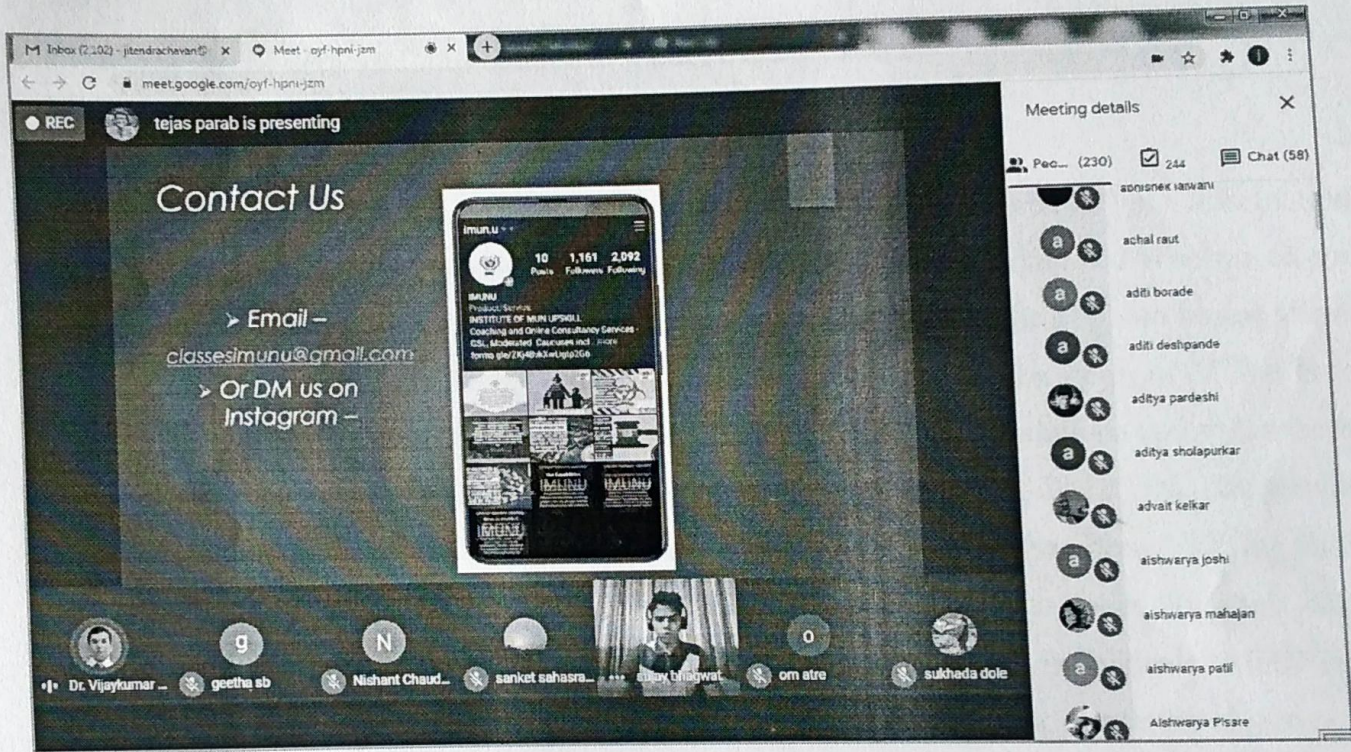
Mr. J.R.Chavan

Faculty Co-ordinator

Dr. V. S. Bidve

HOD, IT

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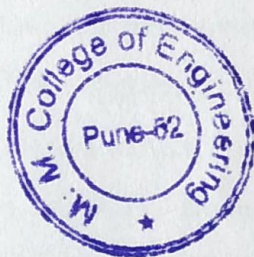
## DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2020 – 21 (Sem I)

**Event Name:** Webinar on **"Future of Work, Jobs and Careers after Covid-19"**
**Event Date: 28th July 2020**
**Time:11 am to 12 pm**

Department of Information Technology has organized Webinar on "Future of Work, Jobs and Careers after Covid-19" on 28th July 2020 for all students of SE ,TE,BE .This webinar was conducted by Mr.Saudagar Barde,CEO ,Pixaflip Technologies,Pune. Total 150 participants took part in this webinar. Dr. V. S. Bidve, HoD IT, guided participants by their enlighten speech.
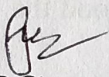
Mr.Saudagar Barde,Speaker of webinar guided students about career option available after Covid-19.He discussed various new technology students can focus. He discussed Service based and product based company. He also motivated to students for to start start-up.
Students learned more interesting things in this webinar and understood the future career path.



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94
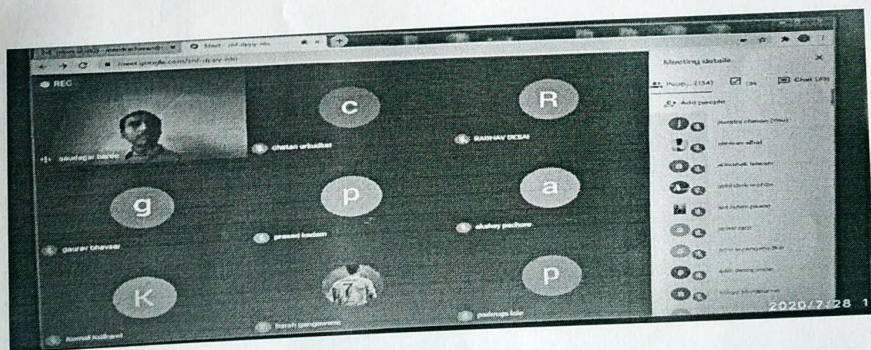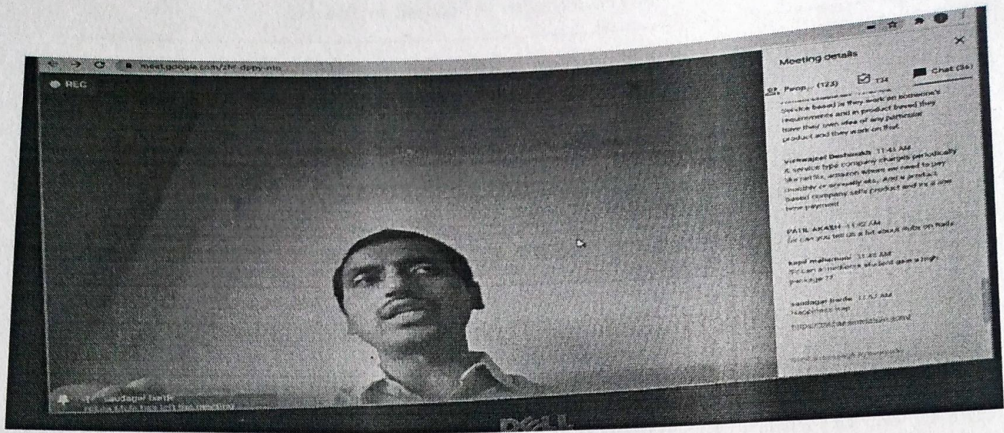
Mr. J.R.Chavan
Co-ordinator

Dr. V. S. Bidve
HOD,IT

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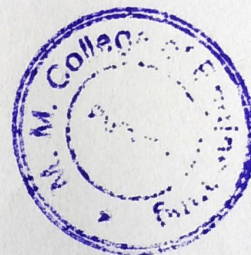
A

Report of

*Online three days webinar series on*

# "Scope of Nanomaterials in Engineering and Technology (SNET)"

From

9th July to 11th July 2020

Organized by

## Department of Engineering Sciences

## Marathwada Mitra Mandal's College of Engineering

## Karvenagar, Pune

**Day 1:** Thursday, 9th July 2020 at 11.00 am
**Resource Person:** Dr. Neha Hebalkar, Scientist E, ARCI Hyderabad
**Topic:** Insights to Nanotechnology and essentials of nanomaterials in everyday life.

**Day 2:** Friday, 10th July 2020 at 11.00 am
**Resource Person:** Dr. Vivek Nanoti, Principal PIET, Nagpur
**Topic:** Impact of Advanced Nanomaterials on development of Nanotechnology

**Day 3:** Saturday, 11th July 2020 at 11.00 am
**Resource Person:** Dr. Pravin Ingole, Associate Professor of Chemistry, IIT Delhi.
**Topic:** Nanomaterials for Emerging Technology Related to Renewable Energy and Environment Remediation

Dr. Prashant Lihitkar                                      Dr. A. Sawaikar
Convener, Webinar SNET                         HOD, Dept. of Engineering Sciences

# Poster for publicity of Webinar

## Schedule of the 1st day of the Webinar on 9th July 2020

**Marathwada Mitramandal's**
**COLLEGE OF ENGINEERING**
**Karvenagar, Pune**
*Permanently Affiliated to SPPU | Accredited with 'A' grade by NAAC | Recipient of 'Best College' award by SPPU in 2018-19*

**DEPARTMENT OF ENGINEERING SCIENCES**

Date: 8/7/2020

3 Days webinar series on
**'Scope of Nanomaterials in Engineering and Technology'**
Minute to Minute Schedule : 9th July 2020

| Sr. No | Time | Activity | Display on screen |
|---|---|---|---|
| 1 | 11:00 | Joining of participants | Welcome screen |
| 2 | 11:05 | Information about Do's and Dont's to Participants | Welcome screen |
| 3 | 11:05 | Recording starts | Welcome screen |
| 4 | 11:07 | Video of MMCOE | Video |
| 5 | 11:11 | Welcome and introduction | Dr. P. B. Lihitkar |
| 6 | 11:13 | Introduction of webinar by HOD, DES | HOD, DES |
| 7 | 11:17 | Anchoring and request to Principal Sir for his speech by Dr. P.B. Lihitkar | Dr. P. B. Lihitkar |
| 8 | 11:18 | Prin. Dr. S.M. Deshpande | Prin. Dr. S.M. Deshpande |
| 9 | 11:23 | Introduction of chief Guest By Dr. P.B. Lihitkar | Photo of Dr. Neha Hebalkar |
| 10 | 11: 27 | Dr. Neha Hebalkar | Presentation starts |
| 11 | 12:30 | Q & A | Dr. Hebalkar |
| 12 | 12:45 | Announcement of Daily Feedback form and attendance by RBK | -- |

*Responses of the Registration for the webinar series*
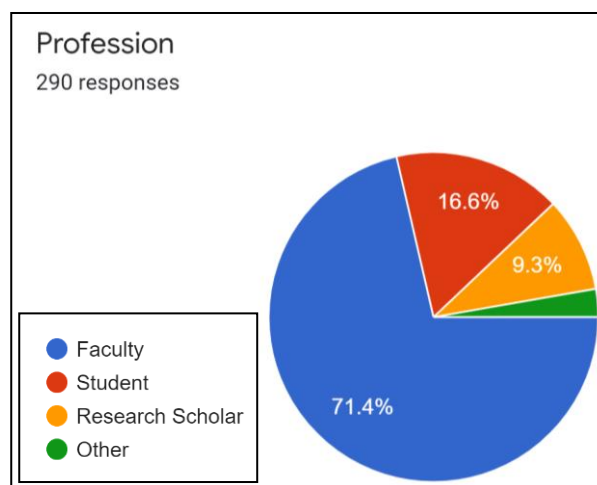


Profession
290 responses

- Faculty — 71.4%
- Student — 16.6%
- Research Scholar — 9.3%
- Other

**Day 1:** Thursday, 9th July 2020 at 11.00 am
**Resource Person:** Dr. Neha Hebalkar, Scientist E, ARCI Hyderabad
**Total Time of the Webinar:** 129 minutes (Start at 10.56 am, End at 12.43 pm)
**Number of Participants attended the webinar:** 168 (Excluding the multiple logins of the participants)



**Day 2:** Friday, 10th July 2020 at 11.00 am
**Resource Person:** Dr. Vivek Nanoti, Principal PIET, Nagpur
**Total Time of the Webinar:** 102 minutes (Start at 10.58 am, End at 12.40 pm)
**Number of Participants attended the webinar:** 211

**Day 3:** Saturday, 11th July 2020 at 11.00 am
**Resource Person:** Dr. Pravin Ingole, Associate Professor of Chemistry, IIT Delhi.
**Total Time of the Webinar:** 99 minutes (Start at 10.57 am, End at 12.36 pm)
**Number of Participants attended the webinar:** 226



*Certificate prepared for Participation in the webinar series*

## *Sample Feedback Received from the Participants on Day 1*



Day 1 : Three days online webinar series on "Scope ⭐

Questions | Responses (412) | Total points: 15

### Three days online webinar series on "Scope of Nanomaterials in Engineering & Technology"

Day- 1: Feedback Form and Quiz of three days online webinar series on " Scope of Nanomaterials in Engineering & Technology " organized by Department of Engineering Sciences, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune.

09 July - 11 July 2020

Topic: Day 1 on "Insights to Nanotechnology and essentials of nanomaterials in everyday life" by Dr. Neha Hebalkar, Scientist E, ARCI, Hyderabad

Date: 09/07/2020

Email address *

Valid email address

This form is collecting email addresses. Change settings



Day 1 : Three days online webinar series on "Scope of Nanon ⭐

Questions | Responses (412) | Total points: 15

**Which of the following nano-partcales can be used in sun wash cloths?**
275 / 412 correct responses

- Ag nanoparticles — 53 (12.9%)
- SiO2 nanoparticles — 57 (13.8%)
- Au nanoparticles — 27 (6.6%)
- ✓ TiO2 nanoparticles — 275 (66.7%)

**Which combination of basic colors are emitted by the semiconductor nanoparticles in LED ?**
268 / 412 correct responses

- ✓ Red-Green-Blue — 268 (65%)
- Red-Yellow-Blue — 55 (13.3%)
- Red-Green-Yellow — 61 (14.8%)
- Yellow-Green-Blue — 28 (6.8%)

**Aerogels are the porous silica material which shows the excellent property of ............**
237 / 412 correct responses

- Thermal Conductor — 114 (27.7%)
- ✓ Thermal Insulator — 237 (57.5%)
- Electrical Conductor — 38 (9.2%)
- Electrical Insulator — 23 (5.6%)

6299523482
7709331698
09763722703

**Rate the Knowledge and Information given in the session.**
412 responses

- 1: 0 (0%)
- 2: 1 (0.2%)
- 3: 12 (2.9%)
- 4: 87 (21.1%)
- 5: 312 (75.7%)

**Rate the presenting skill of resource person**
412 responses

- 1: 0 (0%)
- 2: 1 (0.2%)
- 3: 14 (3.4%)
- 4: 109 (26.5%)
- 5: 288 (69.9%)

**Overall Rating of the session**
412 responses

- 1: 0 (0%)
- 2: 3 (0.7%)
- 3: 14 (3.4%)
- 4: 84 (20.4%)
- 5: 311 (75.5%)

Feedback Form for Certificate for Three Days online Webinar Series on 'Scope of Nano materials in Engineering and Technology' from 9th July, 2020 to 11th July, 2020

Greeting from Dr. P. B. Lihitkar !!!!!

Hope you all are safe and healthy...

A heartfelt thanks to you for your response, co-operation, support and feedback during online Webinar Series and helping us to make it a grand success of Three Days online Webinar Series on 'Scope of Nano materials in Engineering and Technology' from 9th July, 2020 to 11th July, 2020
I will be delighted to have your collaboration for any type of research in the field of nano materials.

Your feedback is important for us to improve ourselves for the future programs.
Thank you for spending your valuable time for our webinar. Please fill all the information carefully to receive the E-Certificate.
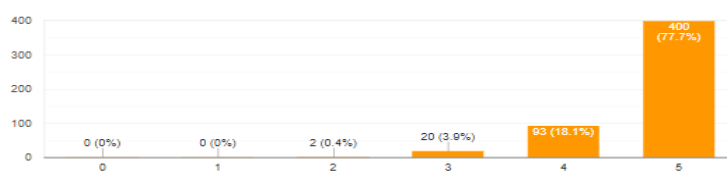Thank You all !!!

Email address *

Valid email address
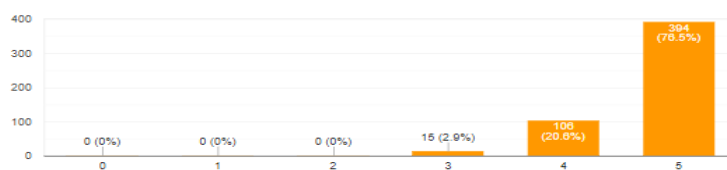
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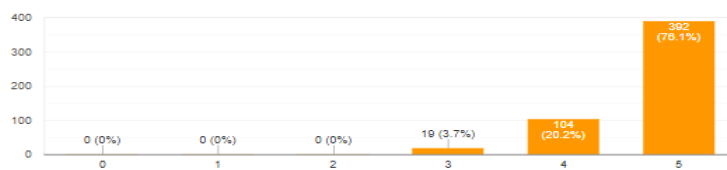**Overall, how satisfied were you with the event?**
515 responses



**How would you rate the content of the webinar?**
515 responses



**How would you rate the resource persons of this webinar?**
515 responses



Prepared by,
Dr. Prashant Lihitkar
Convener, webinar SNET