



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

‘येथे बहुतांचे हित ।’

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





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Academic Year
2018-19

Sr. No.	Name of the workshop/ seminar/ conference	Page No.
1	<u>One day Workshop on Latex report writing</u>	5
2	<u>Data Science Training program followed by Microsoft Certification on 9th October,2018 to 12th October,2018</u>	7
3	<u>One day Workshop on “AngularJS” under CSI on 22nd September,2018</u>	9
4	<u>One Day Workshop on “Introduction to Enterprise Java and Spring Boot under CSI</u>	10
5	<u>Two days FDP on “Data Analytics”</u>	11
6	<u>Two days FDP on “Open MP”</u>	15
7	<u>Two Days Workshop on “ IoT using Raspberry pi”</u>	18
8	<u>One day Workshop on Blender:Open Source 3 D tool</u>	20
9	<u>Six days Faculty Development Programme (FDP) on “Cyber Security”</u>	22
10	<u>One day workshop on “Web application Development using Python</u>	25
11	<u>Two days workshop on “ICS” on 30 and 31st January,2019</u>	27
12	<u>MATLAB for Electrical Engineers</u>	30
13	<u>Basics of MATLAB</u>	35
14	<u>Workshop on Automation technologies</u>	38
15	<u>Component testing of PE components & prototype making</u>	41
16	<u>Workshop on Wind Energy System</u>	42
17	<u>Workshop on ‘Hydro Energy System’</u>	43
18	<u>Increasing well-being and effectiveness at workplace</u>	46
19	<u>Electrical Safety and Management</u>	50
20	<u>Electrification, electricity rules and acts and safety</u>	52



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Academic Year
2018-19

Sr. No.	Name of the workshop/ seminar/ conference	Page No.
21	<u>Entrepreneurship Awareness Camp under aegis of NSTEDB Department of Science & Technology , Govt. of India, New Delhi</u>	59
22	<u>Two days workshop on Energy storage system</u>	62
23	<u>Workshop on Solar PV system</u>	63
24	<u>State Level Project competition in association with IEEE PES-IAS Chapter & Young Professional Affinity Group (IEEE Pune Section)</u>	68
25	<u>Workshop for Audit Course VI "Application of Power Electronics"</u>	84
26	<u>State Level Project Competition & Paper Presentation Techno2K19 event for 2 days</u>	88
27	<u>Two days workshop on “ Arduino Interfacing”</u>	90
28	<u>3 Days workshop on “ Machine Learning using Python”</u>	91
29	<u>Two day Faculty Orientation Workshop on “ Revised Syllabus for the subject Mobile communication”</u>	92
30	<u>Hands on workshop on Machine Learning</u>	93
31	<u>Two days workshop on “ Internet of Things: Towards a Smart Future 2K18”</u>	95
32	<u>Hands on Training on PCB Design and Development of PIC based Board</u>	97
33	<u>One day Faculty Orientation Workshop on Internet of Things in Association with BoS (Electronics/ E & Tc), SPPU, Pune</u>	99
34	<u>5 days FDP on "Artificial Intelligence and Machine Learning"</u>	100
35	<u>Workshop on C Programming (Add-on) St. Students</u>	108
36	<u>Workshop on "Android Application Development"</u>	111
37	<u>Workshop on "Requirement specifications and Design of Project</u>	113
38	<u>Training program on "Data Science by ATS"</u>	119
39	<u>Workshop on "Augmented Reality and Mixed Reality"</u>	122
40	<u>Workshop on "Cyber Security and Ethical Hacking"</u>	131
41	<u>6 days FDP on ""Cyber Security" Funded by PMMMMNTT"</u>	132
42	<u>2 Days Hands-on Workshop on HyperMesh 17.0 Software</u>	134
43	<u>One Week Faculty Development Program on Product Design and Development - Concept to Production</u>	139
44	<u>One Day Workshop on Making and Flying a Rubber Powered Aircraft Model</u>	146



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Academic Year
2018-19

Sr. No.	Name of the workshop/ seminar/ conference	Page No.
45	<u>Two Days Hands-on Workshop on Vehicle Interior Design</u>	149
46	<u>Star Stories event by Zenith Astronomy club of MMCOE</u>	156
47	<u>100 hours of Astronomy event by Zenith Astronomy club of MMCOE in association with other colleges in Pune like VIT, COEP, Cummins, Modern, Fergusson College under the guidance of IUCAA, Pune</u>	157

Department of Computer Engineering

Report on Workshop on "LaTeX Report Writing" under CSI

Date & Time: 20th March 2019 & 8.30 am to 12.30 pm

Venue: Thin Client Lab (606A)

Description:

Department of Computer Engineering has organized a 4 hour training session on LaTeX tool on Wednesday, 20th March 2019 in Thin Client Lab (606A) under CSI. This training session was organised and delivered by internal staff member Ms. Pooja Deshmukh.

Following mentioned are the topics covered under this session:

- Introduction to Latex
- Specifications with examples
- Basic and Advance Concepts
- Report Writing
- Mathematical Notations
- Adding Images, Tables and references.
- Overview of Plagiarism

Objective of this training:

- Spread awareness about usefulness of LaTeX scripting Language
- Clarify all the technical/practical issues by providing hands on experience with LaTeX

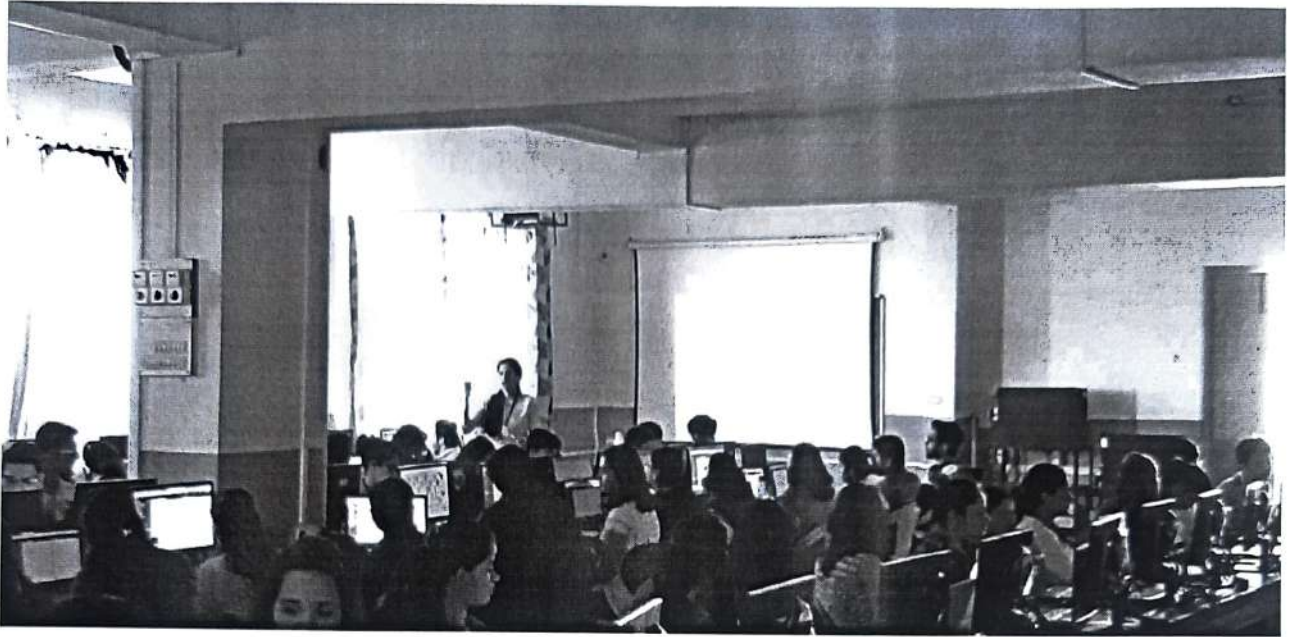
Outcome of this training:

- Increased awareness about usefulness of this tool
- Students shall be able to use this tool, for TE seminar report writing and BE project report writing

Student's Feedback:

- Students appreciated our approach. Their feedback was received through Google Forms(refer the below snapshot)

Some Glimpes of this workshop:



Pooja Deshmukh

Ms. Pooja Deshmukh
CSI & Seminar coordinator

[Signature]

HOD
Department of Computer Engineering

Academic Year: 2018-19 (Sem – I)

**Report of Four days training program on “Data Science” followed by Microsoft Certification”
in association with ATS Technologies Pvt. Ltd.**

~~Event Date & Time: 9th to 12th October 2018, 10:00 am to 5:00 pm~~

Class: SE,TE,BE

No. of Participants : 20

Venue: High Performance Computing Laboratory, Dept. of Computer Engg., MMCOE, Pune

Resource Person : 1. Mr. Suresh Pal
2. Mr. Bipul Kumar Shahi

Topics Covered :

Day 1: Python Basics

Day 2: Anaconda installation and working with Jupyter

Day 3: Working with Numpy, Pandas, Scikit, Matplotlib

Day 4: Implementing deep neural network with powerful H2O Framework

Objective :

- 1.To learn how to design and Program Python Applications
- 2.Install and run the Python Interpreter
- 3.Plot data using appropriate Python Visualization libraries
- 4.Apply quantitative modeling and data analysis techniques to tCentury Scbook Lhe solution of real world business problems, and effectively present results using data visualization technique

Description:

A four days training program on "Data Science" was organized at Marathwada Mitra Mandal's College of Engineering, Karvenagar from 9th October to 12th October 2018. This training program was organized under the MoU signed by MMCOE and A.T.S. Infotech Pvt. Ltd. In this training program total 20 students participated, through which they will have the opportunity to appear for the "Data Science" online test conducted by Microsoft. Students clearing the test will also be given a "Certificate of Merit" from Microsoft. This training program was successfully organized under the guidance of Principal Dr. Sunil M. Deshpande, Dr. Sandip Chaware (IHead – Department of Computer Engineering), Dr. Vijaykumar Bidve (Head – Department of IT). Prof. Swapnil Shinde and Prof. Abhilasha Kulkarni worked as a coordinator for this program.



Conclusion :

Students have learnt Python and its different libraries and also completed mini projects on the same .

Outcomes:

- 1.Students will develop relevant programming abilities
- 2.Students will apply data science concepts and method to solve problems in real world contexts and will communicate these solutions effectively

Mrs. Abhilasha D. Kulkarni Mr. Swapnil S. Shinde
(Coordinators)

Dr. V. S. Bidve
(Head, Information Technology)

Dr. S. M. Chaware
(Head, Computer Engineering)

frk (31)
18-19

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING, PUNE
Accredited with 'A' Grade by NAAC

DEPARTMENT OF COMPUTER ENGINEERING

Report of one day workshop on "Angular- JS" under CSI

Date & Time : 22/09/2018, 10:00 am to 05:00 pm

Class : TE, BE

No. of participants: 40

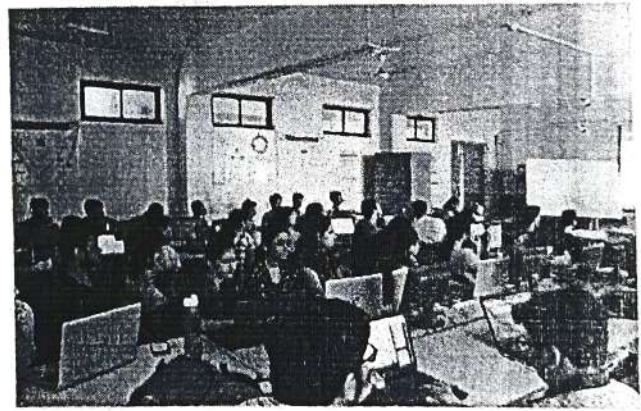
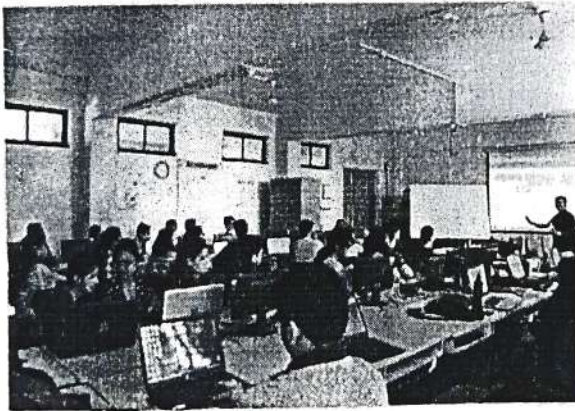
Faculty Co-ordinator : Ms. Neha Padgilwar

Resource Person: Mr. A. K. Ajay, Senior Web Developer, C- Infotech, Pune

Topics Covered:

1. Brush up of core Java Script and CSS concepts
2. Web based Architecture
3. Hands-on for installation of supporting softwares
4. Hands-on assignments in Angular JS

Photo:



Conclusion:

Students have learnt Angular-JS concepts. Students in organizing committee of CSI have learnt to work in a team and were pro-actively involved in organizing this event.

Outcomes:

1. Students will be able to understand and analyze content beyond syllabus for Angular JS
2. Students will be able to apply these technical concepts to implement their TE mini-projects
3. Students will be able to work in a team which leads them to learn team ethics and will built leadership quality.


SBC, CSI


HOD

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING, PUNE
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DEPARTMENT OF COMPUTER ENGINEERING

**Report of one day workshop on "Introduction to Enterprise Java and Spring Boot"
under CSI**

Date & Time : 25/08/2018, 09:30 am to 04:30 pm

Class : TE I & II

No. of participants: 41

Faculty Co-ordinator : Ms. Neha Padgilwar

Resource Person: Mr. Chinmay Chiplunkar, Software Developer, Reflexis Systems Inc., Pune. He is one of the prominent alumni of MMCOE with passing out year of 2016-17

Topics Covered:

1. Brush up of core Java concepts
2. Exception handling and action listeners in Java
3. Hands-on for installation of supporting softwares
3. Hands-on assignments in Enterprise Java
4. Spring boot programs

Photo:



Conclusion:

Students have learnt Enterprise Java framework and Spring boot concepts. Students in organizing committee of CSI have learnt to work in a team and were pro-actively involved in organizing this event.

Outcomes:

1. Students will be able to understand and analyze Enterprise Java framework and Spring boot
2. Students will be able to apply these technical concepts to implement their TE mini-projects
3. Students will be able to work in a team which leads them to learn team ethics and will built leadership quality.

SBC, CSI

HOD

Marathwada Mitra Mandal's
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DEPARTMENT OF COMPUTER ENGINEERING

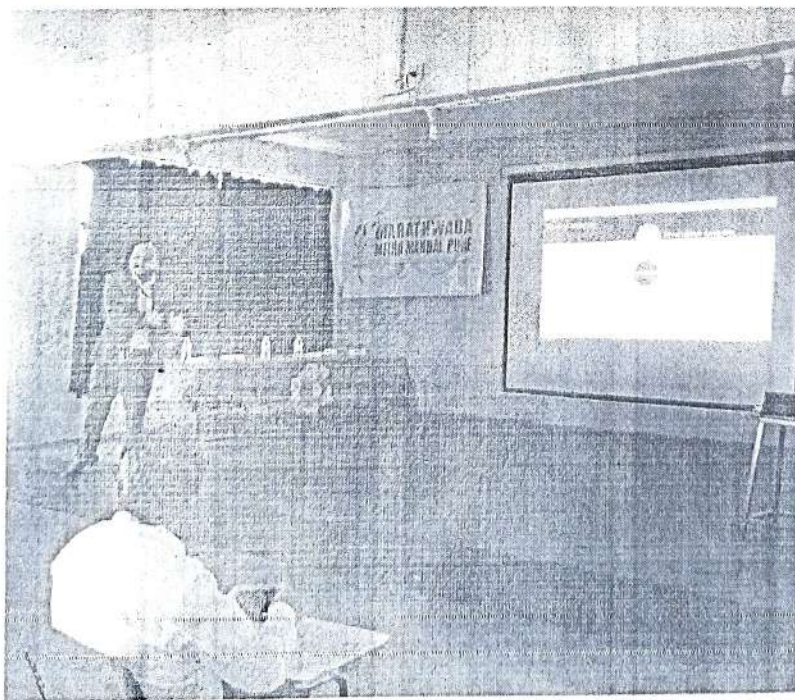
REPORT of Two days FDP on "Data Analytics"
Revised BE (Computer Engg) Syllabus conducted during 22-23 June 2018

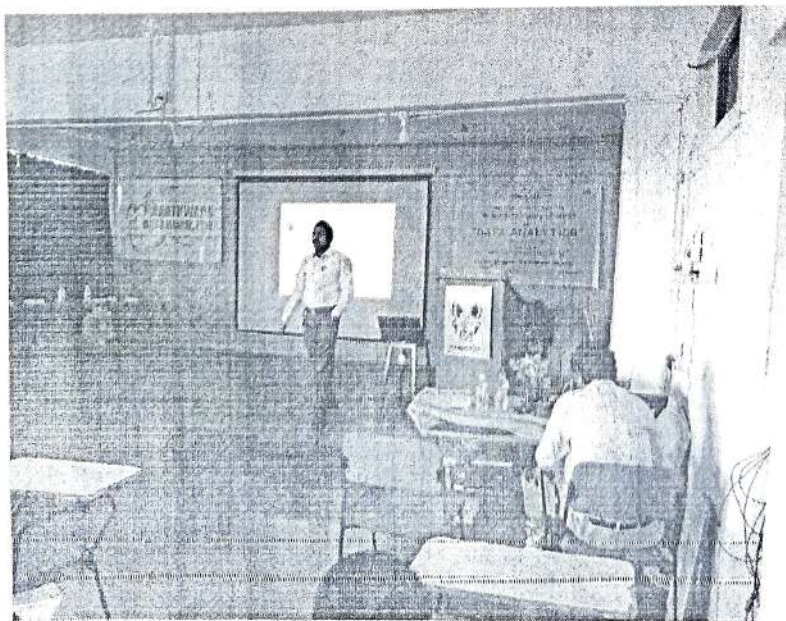
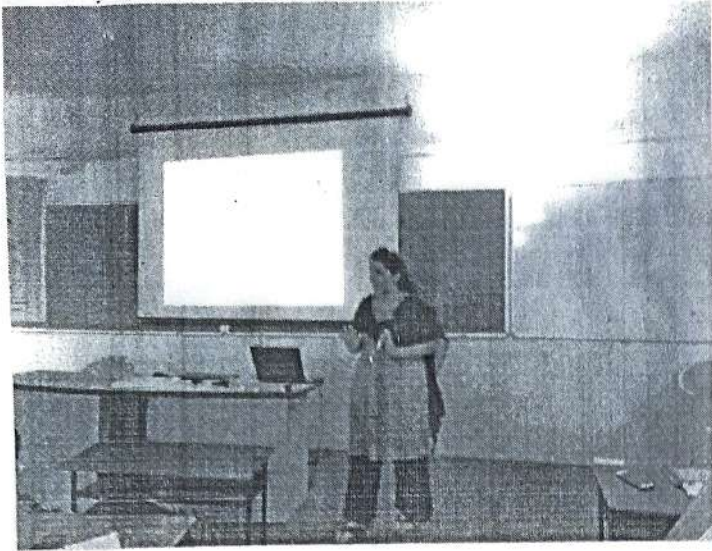
Venue: Room No. 405, Seminar Hall, 4th Floor, MMCOE

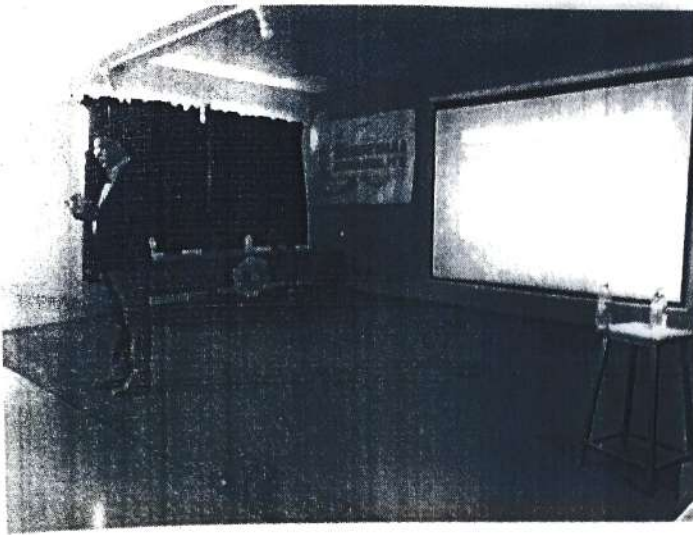
The Department of Computer Engineering, MMCOE, Pune has organized Two Days Faculty Development Programme of revised BE (Comp. Engg (2015 Course)) syllabus subject "Data Analytics" during 22-23 June 2018 in Association with BOS Computer Engineering, Savitribai Phule Pune University, Pune. Total 39 faculty members from various Engineering colleges attended for FDP at our campus. Dr. Amit Andre, Vice President, Vinsys Corporation inaugurated the program. The inaugural function was also presided by Dr.S.M.Deshpande, Principal, MMCOE, Dr.Charudatta Bangal, Director, MMCOE & MMIT.

Dr.Sandeep Chaware, Convener and HOD Computer Engineering briefed about the FDP and expressed his gratitude on behalf of MMCOE to the BOS Computer Engineering, Savitribai Phule Pune University Pune for giving a opportunity to organize two days FDP at MMCOE, Pune.

The sessions were delivered by the invited renowned personalities from the industry and from academics. Dr. Amit Andre, Vice President, Vinsys Corporation, Mr Abhijeet Jadhav, Assistant Professor, MIT Alandi, Mr. Tushar Sharma, Founder and CEO, Vokse Digital, Dr. Manasi Patwardhan, Research Scientist at Tata Research, Mr.Kedar Kanhere, Director-SCS Infotech Mr.Shishir kale, Co-Founder, SCS Infotech , Mr.Tushar B. Kute Researcher at MITU Skillologies guided on subject syllabus contents. Mr. Tushar B. Kute also gave guidance on all the assignment of Data Analytics(Lab Practice-I).







Geetha *Il.*
Ms. Geetha Chillarge & Ms. Ila Savant
Co ordinators

S.M. Chaware
Dr. S. M. Chaware
HoD (Computer Engg)

DEPARTMENT OF COMPUTER ENGINEERING

**Report on
Two days FDP on
OpenMP**

Under Center of Excellence and CSI Student Chapter- MMCOE during 11th to 12th June, 2018

The Department of Computer Engineering had organized two days Faculty development program on OpenMP. This FDP was organized under Center of Excellence, and CSI Students Chapter- MMCOE during 11th to 12th June, 2018. The workshop was divided into 4 different sessions, Each day Two session were conducted.

About the Workshop:

The motto behind this workshop was to train the faculty from different Institutes on OpenMP with the following objectives:

- To understand shared memory multiprogramming using OpenMP.
- To learn and implement OpenMP directives for supporting concurrency, synchronization and data handling functionalities
- To experiment with OpenMp directives for offloading block of code to GPU.

Highlights of the workshop:

- Introduction to Parallel Computing.
- Basic OpenMP/Threading, Basic OpenMP directives.
- Profiling and analysis of codes.
- Scaling study of codes -execution Time vs. Energy efficiency of the algorithms.
- Hands on exercise on pre-written examples and learning through code modifications / improvements.

Resource Person for the workshop:

Mr.Mandar Gurav.

Mr.Mandar Gurav is High Performance Computing professional with more than 10 years of experience in Parallel computing based on Cluster computing, GPGPU computing.

Committee Members:

1. Dr. S. M. Chaware, Convener
2. Prof. P. K. Dhule, Coordinator
3. Prof. V. S. Rupnar, Coordinator
4. Prof. P. J. Patil, Publicity and Finance
5. Prof. H. R. Karande, Technical session conduction

6. Prof A. A. Shaikh, Registration, Certification/valedictory
7. Prof. S. A. Sapkal, Registration, Certification/valedictory
8. Prof. A. V. Shinde, Hospitality
9. Prof. A. D. Kulkarni, Hospitality

Conduction of the Programme:

On 11th June, the inaugural function was started at 10:00 am in High Performance computing Lab (Room no. 505). There were total 27 participants for the FDP. Out of which 16 were from other Institutes in Pune. Mr. Mandar Gurav was felicitated by our HOD Sir, Dr. S. M. Chaware. After this, P. K. Dhule, coordinator for this workshop, has shared her thoughts with the participants about the workshop.

Director Dr. Charudatta Bangal congratulated the department and the organizing committee for this FDP. Thereafter, Principal Sir, Dr. S. M. Deshpande has delivered the speech. Head of Department, Dr. S. M. Chaware has highlighted departmental activities and FDP.

After this formal Inaugural function, a very inspirational and informative session was conducted by Mr. Mandar Gurav. He has explained Introduction to Parallel Computing and has also highlighted on Basic OpenMP/Threading, Basic OpenMP directives. The second session of the day was about hands on exercise on pre-written examples and learning through code modifications / improvements.

On 12th June – second day of FDP , session on Profiling and analysis of codes. Also he covered Scaling study of codes -execution time vs. Energy efficiency of the algorithms. The second session was hands-on exercise on pre-written examples and learning through code modifications/improvements. for the complete day. It was energetic, wonderful & enthusiastic session. They have taken so many programming examples to make the participants comfortable with OpenMP, HPC.

The workshop was a big success & has gained abundant response resulting in enthusiasm and awareness about OpenMP among the participants for solving problems.

Photographs:





Outcomes:

Participants are able to write parallel programs in OpenMP and recognise time Vs efficiency of the algorithm,

Coordinators

Prof. P. K. Dhule

Prof. V. S. Rupnar

Head Comp

Dr. S.M. Chaware

Report of Two Days Workshop on "IoT using Raspberry pi"

Topic: IoT using Raspberry pi

Date & Time : 01/03/2019-02/03/2019 9.30 am to 4.30 pm.

Class : TE COMP No. of Participants: 28

Venue: 511 CN lab

Co-ordinator for the Workshop: Ms.Sarita Sapkal,Ms.Pradnya Mehta,Ms.Geetha Chillarge

Speaker for the Workshop: Mr. Aniket Thorave

Designation and Experience: Researcher & Deveolper in Computer Science, MITU Skillologies, 10 years

Topics covered:

Following topics were covered by the speaker :

Day-1

1. **LED Blinking**
 - I. LED fade
 - II. Voice control LED ON/OFF other peripherals
 - III. Controlling LED through web interfaces
2. **Servo Motor**
 - I. Study of servo Motor
 - II. Controlling Servo Motor

Day-2

1. **Client server Application**
 - I. Creating temprature server
 - II. Client server connectivity
2. **Cloud in IoT**
 - I. Understanding the cloud
 - II. Uploading data to Thingspeak Cloud

3. Web Interfaces

- I. Creating Web interfaces in Rpi using HTML-PHP
- II. Controlling LED through web interfaces

4. Raspberry pi camera application

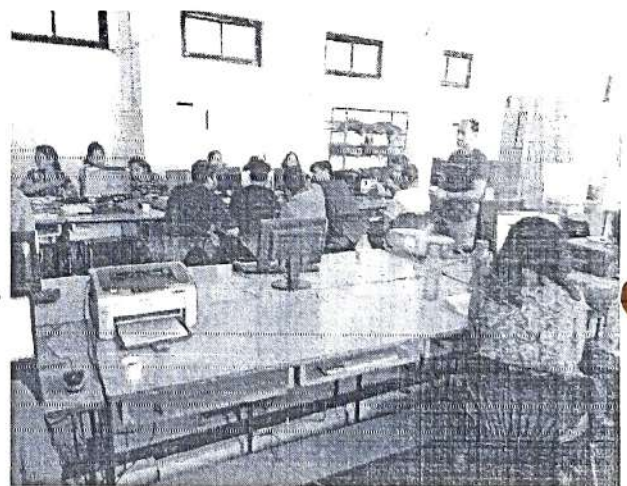
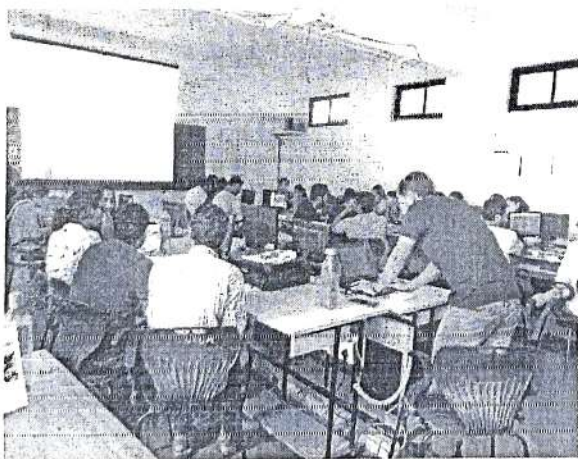
- I. Reading image, storing image and video through camera

Photos with caption:

Day-1



Day-2



Outcome: Students are able to design simple Applications(Client Server,Web Interface,Cloud in IoT)

Ms. S.D.Sapkal
Coordinator

Ms. P.S.Mehta/ Ms. G.R.Chillarge
Co-coordinator

Dr.S.M.Chaware
HOD,Comp

Department of Computer Engineering

Date: 20/2/2019

Activity under MoU and Center of Excellence

**Report of
One day workshop on**

Blender: Open Source 3 DTool

Department of Computer Engineering has organized one day workshop on 'Blender: Open Source 3D Tool' on 20/2/2019 in association with Animationwala.com. Objective of the workshop was to introduce modern tools used for creation of animation. Total 36 students from Second Year were participated in this workshop.

Workshop was started by keynote speech of **Mr. Rajesh Khele, Founder President, Animationwala.com**. He had discussed career opportunities in Animation and Gaming. Session was interesting due to small animated video shown by the sir.

Introductory session on 'Need of opens source for animation' followed by Khele sir was conducted by **Ms. Sankirti Shiravale**. After that hands-on session on 3-D modelling and key frame based animation was conducted by student team of **Mr. Jayesh Gore (BE Computer)** and **Mr. Tanmay Bhawasari (TE Computer)**.


Adding sound effect, rendering and creating video files were explained by **Ms. Uma Karanje, Assistant Professor, MMIT, Pune**.


At the end of the workshop every student had created a 3 D animation of Chess Board game.

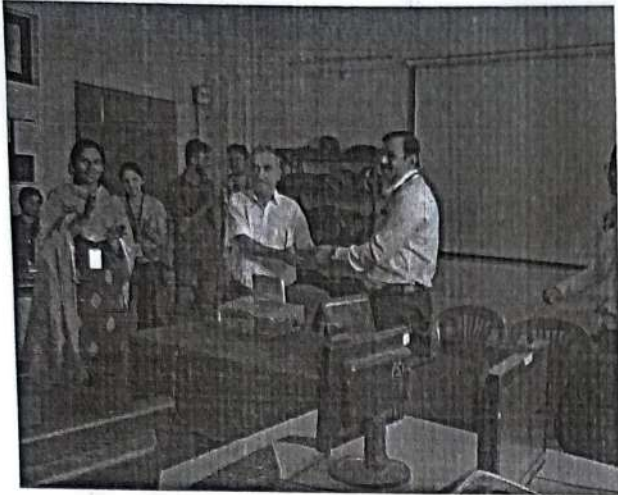
Outcomes of the workshop:

Students are able to:

1. Create simple animated videos to create social awareness regarding social issues like road sefty , save water , save trees etc.
2. Develop professional skills required by Animation and graphics industry.
3. Differentiate between rendering on CPU and GPU.

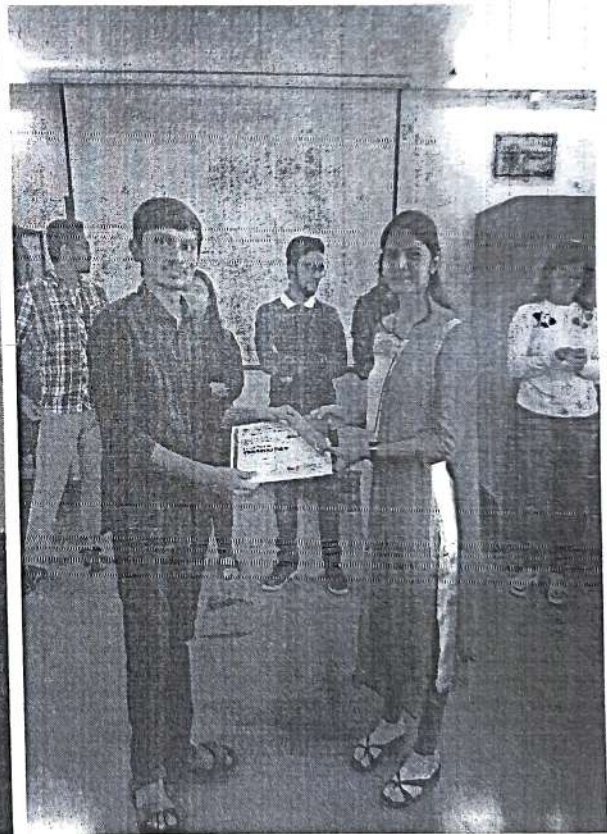
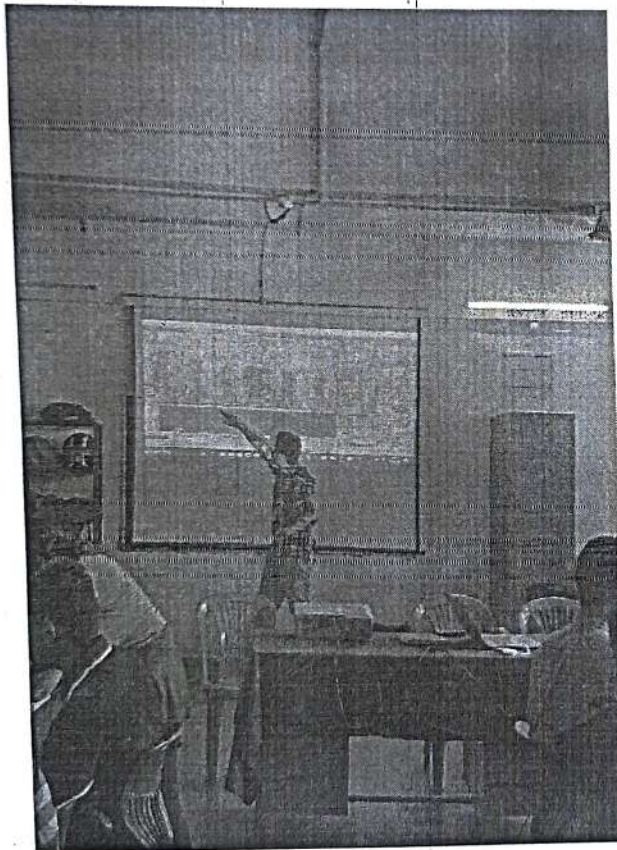

Mrs. Sankirti Shiravale
Mrs. Pooja Dhule
Coordinator


Dr. S. M. Chaware
HOD,
Computer Engineering



Felicitation of Mr. Rajesh Khele , Founder Animationawal.Com

Attendee of the workshop



Conduction of Workshop

Student Felicitation by Ms. Uma Karanje, AP, MMIT

Janurdi
20/2/19

DEPARTMENT OF COMPUTER ENGINEERING

Academic Year: 2018-19

Event Name: Six days FDP on Cyber Security

Event Date: 11th and 16th Feb 2019

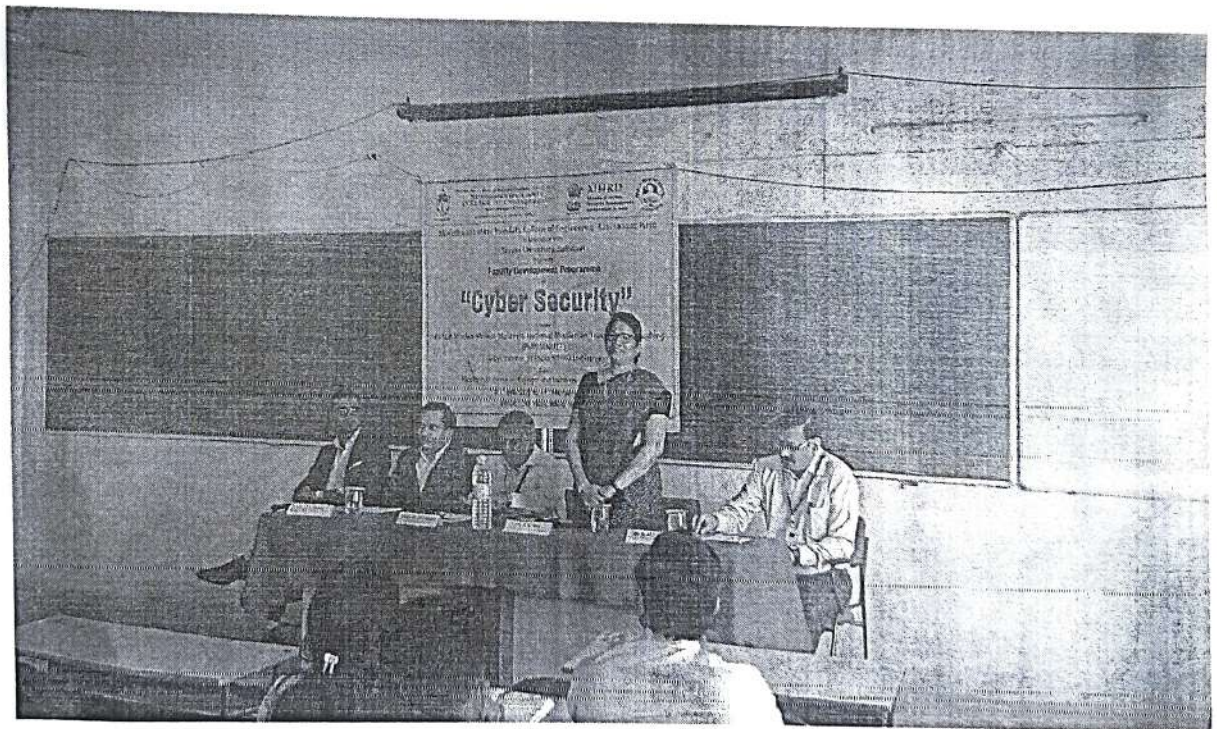
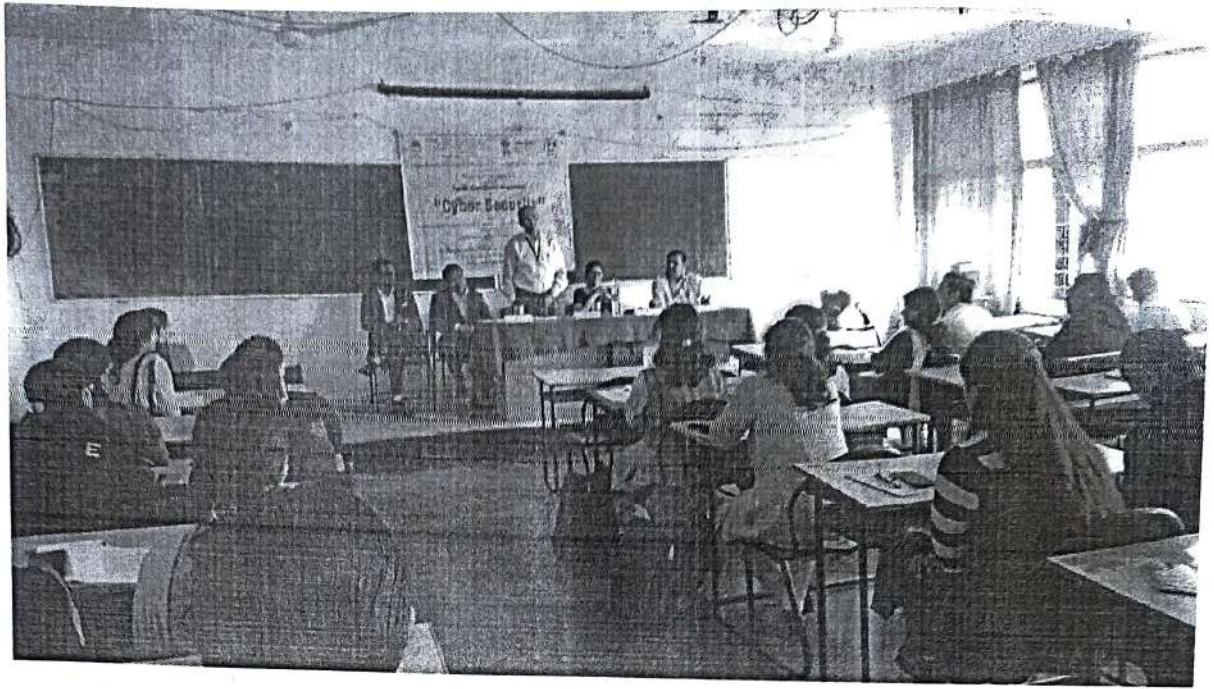
Venue: Room No. 511, 5th Floor, MMCOE

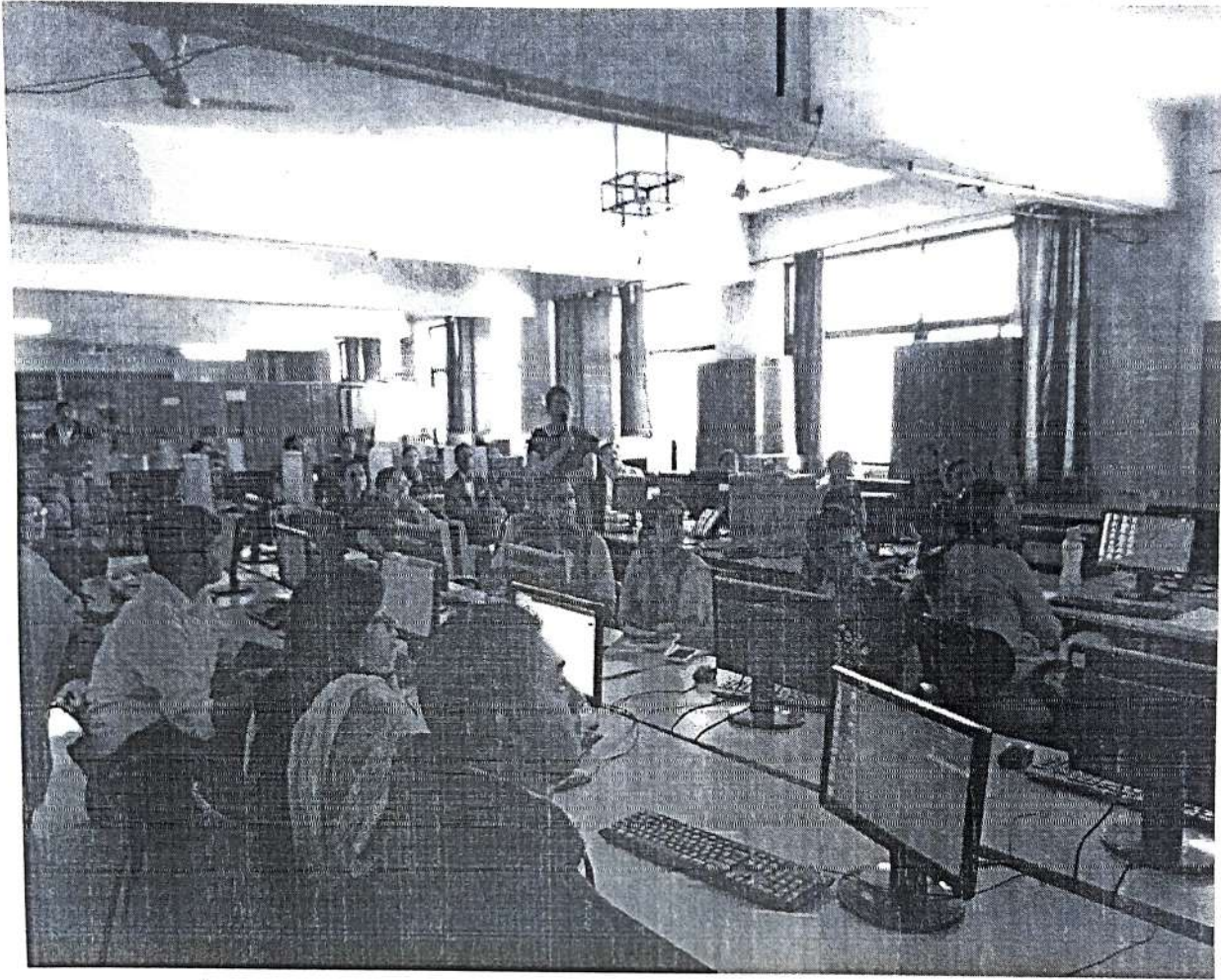
Department of Computer Engineering and Information Technology conducted one week Faculty Development Program on "Cyber Security" during 11th and 16th Feb 2019. This workshop was sponsored by Shivaji University under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNTT). The FDP received overwhelming response with total 59 participants participating in from different colleges under Savitribai Phule Pune University.

The FDP was conducted with all hands-on sessions covering Networking concepts, ethical hacking, vulnerability assessment tools, Web application assessment, browser security and mobile security.

Dr. R. K. Kamat, Dr. K. S. Oza, Dr. K. G. Kharade, Pro V.C Dr. D. T. Shirke Sir, respected VC Dr. Devanand Shinde Sir from shivaji university supported and guided for smooth conduction of the program. The inauguration function was held in presence of Dr. K. S. Oza, Dr. S.M. Deshpande Principal, MMCOE, Dr. V.S. Bidve, HOD IT, Dr. S. M. Chaware HOD Computer Department. Mrs. Preeti Joshi, Mrs. Ila Savant, Mrs. Geetha Chillarge, Mr. Pratik Kamble worked as co-ordinators of the FDP.







Mrs. G.R.Chillarge
Mrs. Ila Savant
Co-ordinators

Geetha
J.S. Pillai

Dr. S
Dr. Sandeep Chaware
Head, Computer

Report of Add-On Course Web Technology

“One Day Workshop on Web Application Development using Python(Flask/Django)”

Topic: Web Application Development using Python(Flask/Django) Web Technology
Subject

Date & Time : 7/02/2019 , 9.30 am to 5.00 pm

Class : Third Year

No. of Students: 75

Venue: Thin Client Lab(606)

Co-ordinator for the guest lecture: Ms. Ashwini Bhugul, Ms. Asma Shaikh

Speaker of Guest Lecture: Ms. Sayali Yewale

Designation and Experience: Senior Software Engineer, FossEST Technologies, Pvt. Ltd, Mumbai, 8 Years

Topics covered:

- 1) Python Fundamentals and its Industrial Importance
- 2) Hands-on on Flask and Django Python
- 3) HTTP Method, URL Building, Request Object, Routing
- 4) Templates and Form Fundamentals
- 5) Database Concept
- 6) Project – Make a simple and complex web Applications

Description : Department of Computer Engineering has One Day Workshop on Web Application Development using Python(Flask/Django) under Add-on course for subject Web Technology in association with FossEST Technologies, Pvt. Ltd. Mumbai for TE Students of Computer Engineering Workshop has started by warm welcome of Speaker Ms. Sayali Yewale, FossEST Technologies Pvt. Ltd, Mumbai by Ms. Asma Shaikh. The session started with Introduction of the speaker by Ms. Ashwini Bhugul followed by Introduction of Python framework by speaker. Ms. Sayali Yewale delivered a very nice hands-on session on Flask framework. The postlunch session on Django was full of knowledge and appreciated by students also. They learned to create a small web application using Django framework. The Workshop ended with certificate distribution. Students found this workshop very useful in industry point of view..

The Faculty Coordinator of the workshop were Ms. Ashwini Bhugul and Ms. Asma Shaikh. The student coordinators Mr. Niraj Mate, Ms. Smita Nannor and Ms. Aditi Mhadgut coordinated the workshop very nicely. Outcome of this workshop is students are able to create Dynamic Web Application using Python which is the need of the industry today.

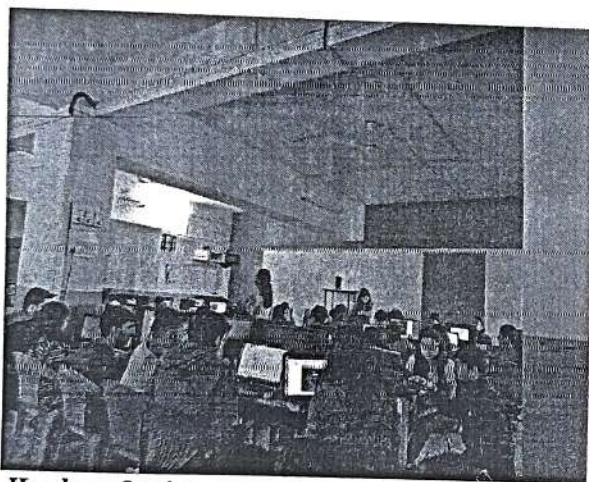
Photos with caption:



Welcome of Speaker by Ms. Asma Shaikh



Introdution of Speaker by Ms. Ashwini Bhugul



Hands on Session on Flask



Hands on session on Django

Outcome:

Student able to

1. create web application using Python(flask/Djnago)
2. Adapt usage of modern tools and recent softwares in industry.

A. M. Bhugul A. A. Shaikh
A.M. Bhugul, A.A. Shaikh
Staff Coordinator

Jes
HOD

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING, PUNE
Accredited with 'A' Grade by NAAC

Academic Year: 2018-19 Sem: II

Department of Computer Engineering

Report of Workshop on "Information & Cyber Security"

Topic: Workshop on "Information & Cyber Security"

Date & Time : 30-31 January 2019

Classes : SE, TE & BE

No. of participants: 76

Venue: 511

Co-ordinators for Workshop: Ms. Shubhada P. Mone, Mrs. I. S. Savant, Mr. V. R. Sali

Guests visited: Mrs. Apurva Joshi, Mr. Varad Chiney, Mr. Rahul Sharma, Mr. Paras Shah

Designation & Experience of Visiting Faculty:

1) Mrs. Apurva Joshi

Director, Riskpro(IndiaForensics), Pune

2) Mr. Varad Chiney

Forensics Analyst Biznexus(IndoaForensics Pvt. Ltd.), Pune

3) Mr. Rahul Sharma

Security Analyst, QuckHeal Technologies Pvt.Ltd.,Pune

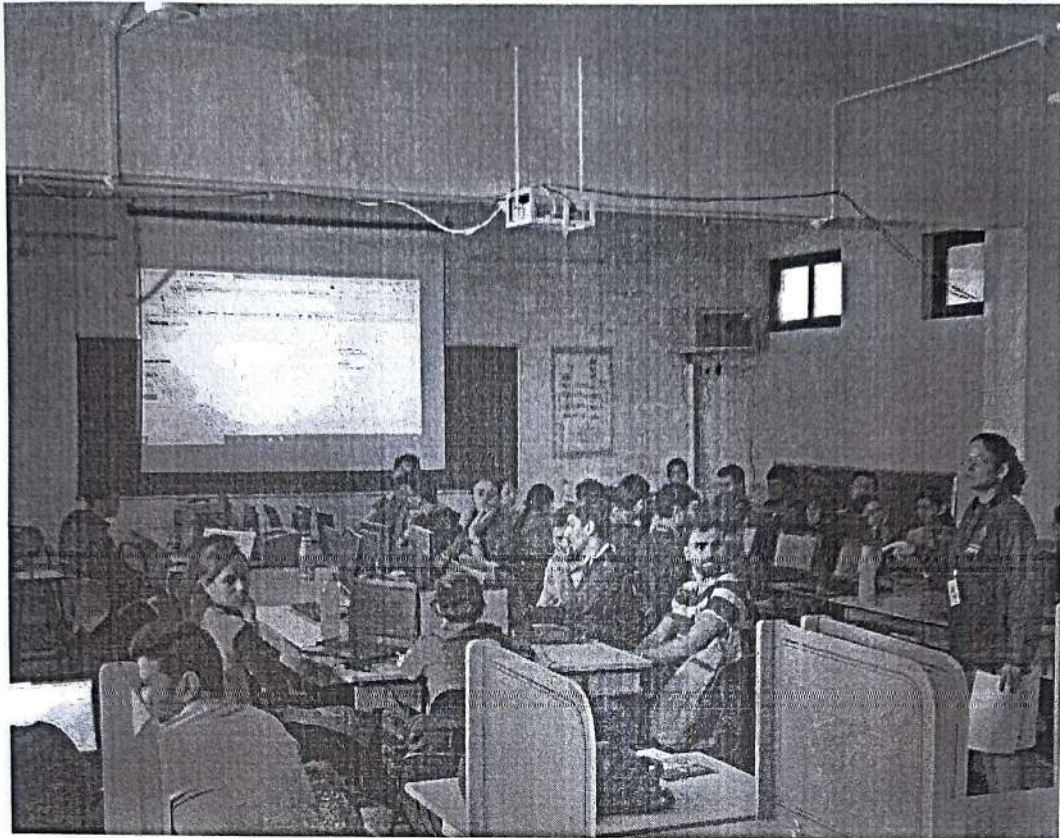
4) Mr.Paras Shah

Security Researcher, FirstCry.com, Pune

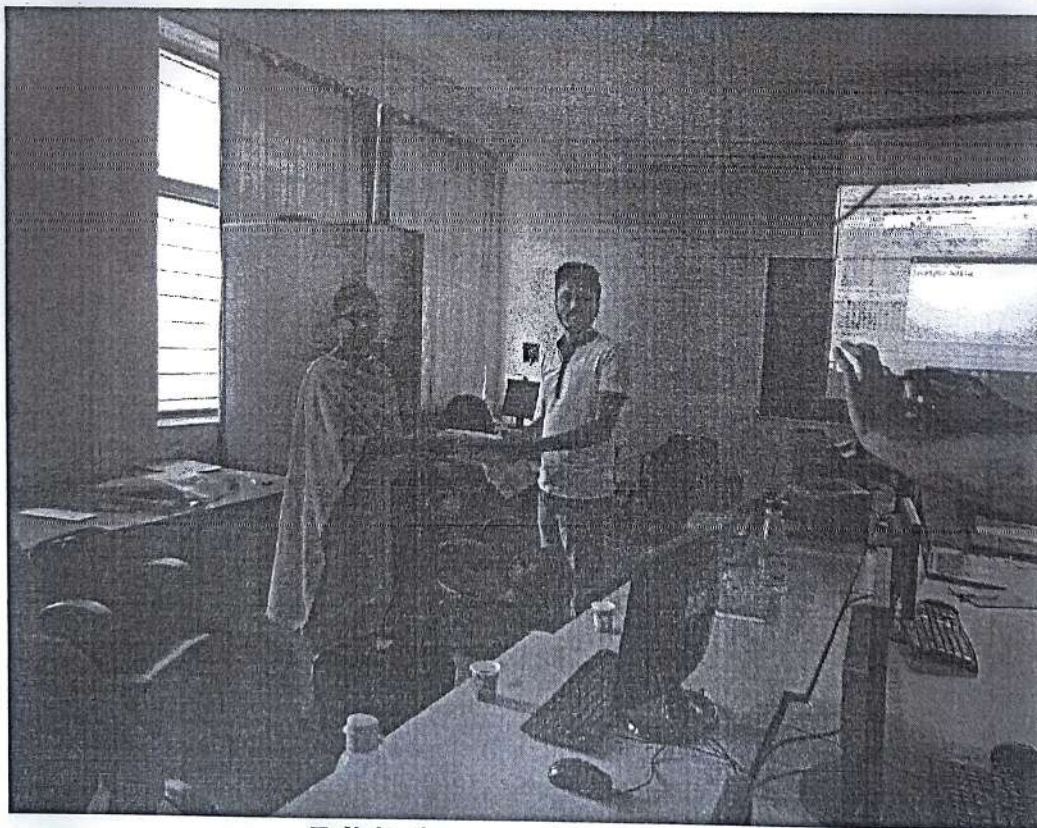
Topics covered:

1. Firewall Bypass
2. Security against Threats
3. Hacking
4. Assessing the target
5. Exploit
6. Post Exploit
7. Assessing the target
8. Wifi Tracking
9. Google Dorks
10. Email Spoofing & Email Tracking
11. Fake calls & Fake Mobile numbers

MMCOE/ COMP/ 2018-19/31/Workshop



Delivering lecture by Mr. Rahul Sharma



Felicitating guest- Mr. Paras Shah

MMCOE/ COMP/ 2018-19/31/Workshop

Outcome: The students were very eager to participate in this workshop. The students had experienced hands-on session on "Information & Cyber Security". They had knowledge of hacking, Firewall Bypass. They also experienced email spoofing & ethical hacking. The outcome of this workshop is that it helped to develop the interest in this security area & they can proceed further for research or publications. This will also helpful for BE students as they are having one subject in curriculum. At the end one task is assigned to students based on their 2 day's workshop & their performance is judged. BE students will have the advantage of this workshop in terms of placements in companies. This workshop had developed the interest of SE students in the Security domain so they can choose their seminar & projects in this area & proceed for some innovative ideas.


Workshop Coordinators


HOD
Dept. of Computer Engineering

Date: 20th June 2018

SUBMITTED:

SUB: Conduction of workshop "MATLAB for electrical Engineers".

Respected Sir,

Department of electrical engineering had arranged the workshop on "MATLAB FOR ELECTRICAL ENGINEERS" on 18th and 19th June for final year students as a part of skill development. 30 students have participated enthusiastically for hands on training conducted in computer lab (R. No. 102).

The hands on training on MATLAB is conducted with following objectives:

- 1. Introduction to MATLAB software
- 2. Numerical Computations using MATLAB
- 3. Basic commands using MATLAB command prompt
- 4. Simulink for electrical Engineers
- 5. Neural Network toolbox
- 6. Fuzzy logic toolbox

Session are conducted by Prof. V. N. Gohokar (2 Hour), Prof. S. C. Jadhav (8 Hours), Prof. P. R. Choube (3 Hours).

Jadhav

Prof. S. C. Jadhav

Choube

Prof. P. R. Choube

Gohokar

Dr. V. N. Gohokar

HoD Electrical

To,
Principal,
MMCOE, Karve Nagar
Pune -52

✓ Noted

✓ Good job

✓ Coordinate with other Dept
further in house sessions on MATLAB

File No:- 30
File No: 31

800

9/7

ORGANISING COMMITTEE

Dr V N Gohokar Prof M R Tarambale
Prof B B Bhure Prof S A Upasani
Prof S M Harite Prof C P Thotan
Prof M D Raut Prof V R Bhoi
Prof A M Suryavanshi

SUPPORTING TEAM

Mr P Dhakad Mr Thite Mr G Jadhav
Mrs Deshmkh Mrs K Sagar Mrs Niture
Mr S Bhise

CONTRIBUTORS

Prof S C Jadhav
Prof P R Chobe

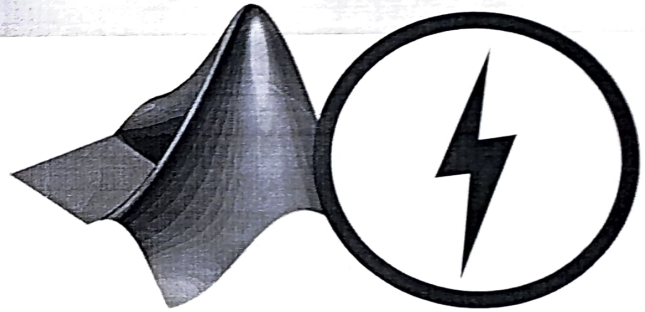
CONTACT FOR DETAILS -
08698534141 - PROF S C JADHAV



MARATHI WADA MITRA MANDAL'S COLLEGE OF ENGINEERING
KARVENAGAR PUNE-52
Accredited with 'A' grade by NAAC

DEPARTMENT OF ELECTRICAL ENGINEERING
PRESENTS **TWO DAY WORKSHOP ON**

MATLAB FOR ELECTRICAL ENGINEERS



18,19 JUNE 2018

WHY TO ATTEND?

MATLAB is a high-level numerical computation environment and its use for educational and industrial purposes can do tasks at a faster rate than any other tool or any other way of computation and its further capability of modeling and analyzing Circuits adds it as a favorable tool for all engineers.

AIMS AND OBJECTIVES

- * Introduction to Matlab Software
- * Numerical computations using MATLAB
- * Basic commands using MATLAB output through graph and command window
- * Simulink for Electrical Engineers
- * Neural network toolbox
- * Fuzzy logic toolbox

WORKSHOP SCHEDULE

MONDAY

09:00 - Opening and Installation of software

10:00 - Introduction to MATLAB

10:30 - MATLAB Command editor and plotting functions

11:00 - MATLAB simulink basics and power

TUESDAY

09:00 - Neural Network Toolbox

13:00 - Fuzzy Logic Toolbox

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Theory Weekly Attendance Sheet – 2018-19 (BE- Sem – I)

DEPT:		SUB:		FACULTY:			WEEK:		
Roll No.	Name of Student	Cumm. Atte Max.	Date/Time			Total			
			18/6 9:00	18/6 2:00	19/6 9:00				
BE01	ASHISH RAGHU BADHE		Badhe	AB	Badhe				
BE02	ANKITA VILAS BHAGWAT		Badhe	Badhe	AB				
BE03	SAGAR SANJAY BHALEKAR		AB	AB	AB				
BE04	AMOL BHAUSAHEB BHALERAO		AB	AB	AB				
BE05	LITESH SHARAD BHOLE		AB	AB	AB				
BE06	SANKALP RAJENDRA BHOSALE		AB	AB	AB				
BE07	NITIN RAMESH BIRADAR		AB	AB	AB				
BE08	LAXMIKANT SHIVSWARUP BIRAJDAR		AB	AB	AB				
BE09	NIKITA BHANUDAS BONDRE		AB	AB	AB				
BE10	AKSHAY ATMARAM BORSE		AB	AB	AB				
BE11	LOHIT RAVINDRA CHOPADE		Badhe	Badhe	Badhe				
BE12	SHIVANI ASHOKRAO DAIGAVANE		AB	AB	AB				
BE13	SAGAR BHAGWAN DESHMUKH		AB	AB	AB				
BE14	VAISHNAVI CHANDRAKANT DESHMUKH		AB	AB	AB				
BE15	VAISHNAVI AMOD DESHPANDE		Badhe	Badhe	Badhe				
BE16	PAWAN RAJENDRA DOIPHODE		AB	AB	AB				
BE17	MAHESH HANUMANT DONGARE		AB	AB	AB				
BE18	AKASH SATISH FULDEORE		AB	AB	AB				
BE19	MAYUR POPAT GADEKAR		Badhe	Badhe	Badhe				
BE20	AKSHAY MURLIDHAR GAIKWAD		Badhe	Badhe	Badhe				
BE21	KAMAL MACHHINDRANATH GAVHANE		AB	AB	AB				
BE22	SAGAR SHIVAJI GAWALE		AB	AB	AB				
BE23	APOORVA AVINASH GHADAGE		Badhe	Badhe	Badhe				
BE24	PRIYANKA BANNE R. GHODAKE		Badhe	Badhe	Badhe				
BE25	RUPALI SHANKAR GHULE		Badhe	Badhe	Badhe				
BE26	ANIKET ARUN HARSHBODHI		Badhe	Badhe	Badhe				
BE27	SANKET SATYESHWAR HAVALE		AB	AB	AB				
BE28	SHUBHAM TANAJI JADHAV		Badhe	Badhe	Badhe				
BE29	KOMAL POPAT JAGDALE		Badhe	Badhe	Badhe				
BE30	RAHUL RAMDAS JAWANJALE		AB	AB	AB				
BE31	ATISH SUDHAKAR JAYBHAYE		AB	AB	AB				
BE32	AADIT SAMEER JOSHI		Badhe	AB	AB				
BE33	TEJAL DIPAK KAHANE		Badhe	Badhe	Badhe				
BE34	GANESH SHAMRAO KALE		AB	AB	AB				
BE35	SURAJ VISHNU KORADE		AB	AB	AB				
BE36	SOURABH JAYKUMAR KULKARNI		Badhe	Badhe	Badhe				
BE37	PRATIK VENKATESH KURBET		Badhe	Badhe	Badhe				
BE38	GANESH DILIP LAYARE		AB	AB	AB				
BE39	AMIT SATYANARAYAN LOHIYA		Badhe	Badhe	Badhe				
BE40	SNEHA SANJAY LOKHANDE		Badhe	Badhe	Badhe				

"Attendance meeting workshop conducted on 18th & 19th June 2018.

DATE: 23rd July 2018

SUBMITTED:

SUB: Conduction of workshop "Basics of MATLAB" for SE Electrical Students

Respected Sir,

Department of electrical engineering had organized and conducted workshop on "Basics of MATLAB" on 21st July 2018 for second year students of electrical engineering. Eighteen students have voluntarily participated in this hand on training and benefitted from the same.

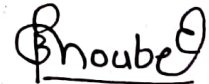
The hands on training conducted with following objectives

1. Introduction to MATLAB software
2. Numerical computations using MATLAB
3. Basic commands using MATLAB output through graph and command window
4. Simulink for electrical engineering

Contributors




Prof. S. C. Jadhav



Prof. P. R. Choube

To,
HoD Electrical Department
MMCOE, Karve Nagar
Pune-52.

File No:30


31/7/18

ABOUT DEPARTMENT OF ELECTRICAL ENGG.

Electrical Engineering is one of the core branch of engineering which is fastest growing field across the globe. It is multidisciplinary field of engineering that generally deals with the study and applications of electricity, electronics and electromagnetism. Major of the department strengths are well qualified and experienced faculty, self motivated staff, state of the art laboratories, focused approach towards excellence in Automation and Control, ample resources for holistic development of students etc. Curriculum is highly inter disciplinary with huge opportunities for learner in public sector, private sector, software development, maintenance engineering, as a contractor & supervisor, entrepreneur, energy auditor, chartered engineers etc.

Vision

Quality Education to create Competent Electrical Engineering Professionals

Mission:

- To Provide Excellent academic environment through interactive teaching learning
- To impart value based education via social connectivity
- To develop interdisciplinary skills by add-on activities



'ये यदुतांते हित'

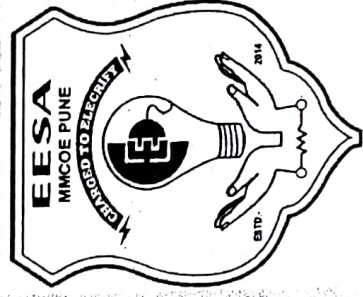
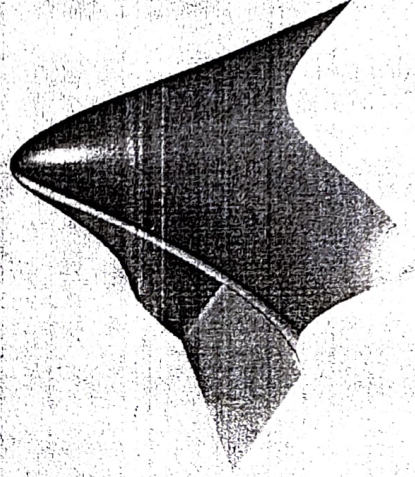
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COLLEGE OF ENGINEERING

KARVENAGAR PUNE-52

Accredited with 'A' grade by NAAC

DEPARTMENT OF
ELECTRICAL ENGINEERING
PRESENTS ONE DAY
WORKSHOP ON

“BASICS OF MATLAB”
21ST July 2018



Phoube
P.R.Chowbe.

file no. - 30

ORGANISING COMMITTEE

Dr. V. N. Gohokar Prof. M. R. Tarambale
Prof. B. Bbhure Prof. S. A. Upasani
Prof. S. M. Harite Prof. C. P. Thotan
Prof. A. M. Suryavanshi Prof. M. D. Raut
Prof. V. R. Bhoi

SUPPORTING TEAM

Mr P. V. Dhakad, Mr. P. V. Thite,
Mr. G. Jadhav, Mrs. P. Deshmkh,
Mrs. Kranti Sagar Mrs. B. Niture,
Mr. S. Bhise

CONTRIBUTORS

Prof. S. C. Jadhav
Prof. P. R. Choube

CONTACT FOR DETAILS

Prof. S. C. Jadhav (+91-8698534141)
sagarjadhav@mmcoe.edu.in

MARATHWADA MITRA MANDAL'S COLLEGE OF ENGINEERING

Sr.No. 18, Plot No. 5/3, CTS No.205, Vadar Vasti
Rd, Behind Vandevi Temple, Karvenagar, Pune,
Maharashtra 411052

WORKSHOP SCHEDULE

09:00: Registration and Address by HOD
09:30: MALTAB Command window and
basic operations
1:30: MALTAB Simulink

WHY TO ATTEND

MATLAB is a high-level numerical computation environment and it's use for educational and industrial purposes can do tasks at a faster rate than any other tool or any other way of computation and it's further capability of modeling and analyzing Circuits adds it as a favorable tool for all engineers

AIMS AND OBJECTIVES

- Introduction to MATLAB software
- Numerical computations using MATLAB
- Basic commands using MATLAB output through graph and command window
- Simulink for Electrical Engineers

DATE: 29th Aug 2018

SUBMITTED:

SUB: Workshop organized by electrical department under CoE

Respected Sir,

Department of Electrical Engineering had organized two workshops on

1. Automation Technologies
2. Power Electronics, component selection, testing and prototype making

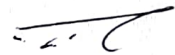
On 23rd and 24th of July. 65 students have taken participation to hands on in this two workshop and got benefitted from the same.

This two workshop conducted with the key objectives of

1. Selection & Testing of power electronic component
2. Usage of modern tool for circuit design
3. Arduino Programming and Circuit building
4. Ladder logic development for application e.g. traffic light control, car parking, elevator control



Prof. S. C. Jadhav
CoE Coordinator



Dr. V. N. Gohokar
HoD Electrical

For your kind information please

To,
Principal
MMCOE, Karve Nagar
Pune-52.

File NO: 30

AIMS AND OBJECTIVES

- Selection of switch gear for low voltage applications.
- Microcontroller programming for real time applications.
- Building ladder logic for various applications e.g. car parking, traffic light control and elevator control etc.

WORKSHOP SCHEDULE

Date	Time	Contents
23 rd Aug 2018	9:30am to 1:00 pm	Low Voltage switchgear Hard wired logic circuits
	2:00 to 3:45 pm	PLC Applications Car Parking, Traffic Control
24 th Aug 2018	9:30am to 1:00 pm	PLC Applications Elevator control, ON/Off temp controller
	2:00 to 3:45 pm	Arduino Basics and applications

WHY TO ATTEND

Considering today's era of automation, it becomes necessary to acquire knowledge of automation. This course will definitely help in developing knowledge of automation, control panel design, PLC applications. It will also help in development of micro controller programming e.g. Arduino.

CONTRIBUTORS

Dr. V. N. Gohokar

Prof. S. M. Harite

Prof. S. C. Jadhav

ORGANISING COMMITTEE

Dr. V. N. Gohokar

Prof. B. B. Bhure

Prof. C. P. Thotan

Prof. A. M. Suryavanshi

Prof. M. R. Tarambale

Prof. S. A. Upasani

Prof. V. R. Bhoi

Prof. M. D. Raut

SUPPORTING TEAM

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Mrs. K. S. Sagar

Mr. S. B. Bhise

Mr. P. V. Thite,

Mrs. P. D. Deshmkh,

Mrs. B. B. Niture,

Mr. S. B. Somwanshi

DATE: 29th Aug 2018

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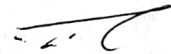
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4. Ladder logic development for application e.g. traffic light control, car parking, elevator control



Prof. S. C. Jadhav
CoE Coordinator



Dr. V. N. Gohokar
HoD Electrical

For your kind information please

To,
Principal
MMCOE, Karve Nagar
Pune-52.

File NO: 30



'वेद्ये बहुलांचे हित ।'

MARATHWADA MITRA MANDAL'S COLLEGE OF ENGINEERING

KARVENAGAR PUNE-52

Accredited with 'A' grade by NAAC

DEPARTMENT OF ELECTRICAL ENGINEERING

PRESENTS

"TWO DAY'S WORKSHOP ON POWER ELECTRONICS COMPONENT SELECTION, TESTING AND PROTOTYPE MAKING"



23rd & 24th August, 2018

CONTRIBUTORS:

Prof. P.R.Choube & Prof. C.P. Thottan

ORGANISING TEAM

Dr. V. N. Gohokar
Mr. M. R. Tarambale
Mr. Balaji B. Bhure
Mrs. S.A.Upasani
Mr. S.M.Harite

Mr. S.C. Jadhav

Mr. M.D.Raut

Mr.A.M. Suryawanshi

Mr. V.R.Bhoi

SUPPORTING TEAM

Mr.P.V.Thite

Mr.G.A.Jadhav

Mr. P.V.Dhakad

Mr. S.S.Bhise

Ms.B.B.Niture

Ms.P.D.Deshmukh

Ms.K.S.Sagar

CONTENTS:

Date	Session	Time	Contents	Name of Faculty
23/08/2018	I	9.30-11.00 am	Power Electronics Standards, Selection of Components	Mr. P.R.Choube
	II	11.30 am to 1.00 pm	P.E. Component Testing	
	III	2.00 to 3.45 pm	Hands on Practice on to the modern tools/ Freeware	
24/08/2018	I	9.30-11.00 am	Designing Aspects of PE circuits	Ms. C.P.Thottan
	II	11.30 am to 1.00 pm	Prototype making & Testing of D.C. Controlled Rectifier	
	III	2.00 to 3.45 pm	Prototype making & Testing of AC Controlled Rectifier	

KEY OBJECTIVES:

After completion of the course student should be able to:

1. Select the proper components
2. Test the electronics components
3. Use the modern tools for circuit design
4. Create the prototypes using power electronics components

PREREQUISITES: Courses from curriculum viz. Basic Electronics Engineering, Analog and Digital Electronics, Power Electronics.

WHY TO ATTEND THE WORKSHOP?

Power electronics component selection is very important in design of any electronics circuit. Various aspects of the component testing will help the students for development of the practical applications of the power electronics. Prototypes making is useful to develop the skills like selection of components, testing, PCB designing & soldering.

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Sr. No. 18, Plot No. 5/3, Karvenagar, PUNE 411 052.

Accredited with 'A' Grade by NAAC

Department of Electrical Engineering

Workshop

on

" Wind Energy Systems"

Report

The Electrical Engineering Department had organised a Workshop on " Wind Energy Systems" for Third Year Engineering students on 6th and 7th September, 2018.

Highlights of Workshop:

Day One - Students were introduced to various key concepts of wind energy systems.

Day Two - Students visited Suzlon Wind Mill Farm, Satara.

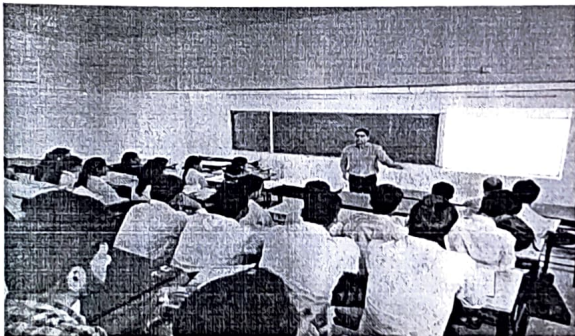
Keynote speaker:

Mr. Miresh Seth, Director, Opulence Power Private Limited, Pune.

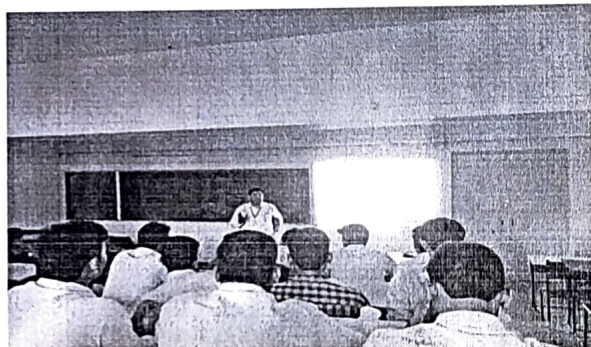
Other Contributors:

Prof. M. R. Tarambale, Associate Professor, Electrical Department.

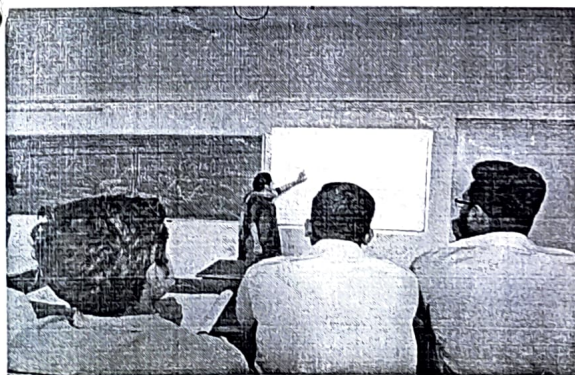
Prof. C. P. Thottan, Assistant Professor, Electrical Department.



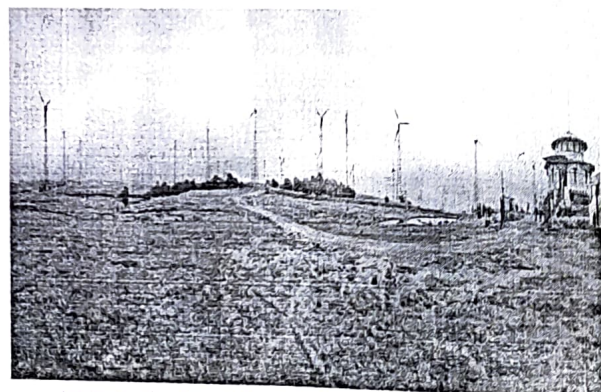
Session by Mr. Miresh seth



Session by Prof. M.R. Tarambale



Session by Prof. C. P. Thottan



Visit to Suzlon Wind Mill Farm, Satara

Prof. C. P. Thottan
Workshop Co-ordinator

Dr. V. N. Gohokar
HOD Electrical

DATE: 12th September 2018

SUBMITTED:

SUB: Permission to approve budget to conduct Workshop on "Hydro Energy System" for the subject Audit Course V for BE Electrical Students.

Respected Sir,

The Electrical Department is conducting a workshop on 'Hydro Energy System' for BE Electrical students for the subject Audit Course V on 21st September 2018. The workshop will start at 9.00 am on 21st September 2018. Mr. S.V.Dinkar, consultant (Expert in Design, Erection and Operation of Hydro Energy System) is going to take an expert lecture on "Hydro Turbine Basics and design and Operation, maintenance of hydro power plants" for four hours (in two sessions) for the same.

Remuneration for expert lecture will be Rs. 5000/- (Rs 4500/- Remuneration+ Rs. 500/- Travel allowance) as per our college norms.

Since the workshop will start at 9.00 am, we wish to give students breakfast and tea. The amount required for breakfast is 1500/-

I kindly request you to sanction amount of 6500/- for the same.

Mrs. S.A. Upasani
Asst. Professor
Electrical Department

Dr. V. N. Gohokar
HOD
Electrical Department

To,
Principal
MMCOE, Karve Nagar
Pune-52.

Permitted.

5000
1249

Rs 5000/- Received
Dusky



'येथे यद्गतांचे हित ।'

MARATHWADA MITRA MANDAL'S COLLEGE OF ENGINEERING

KARVENAGAR PUNE-52

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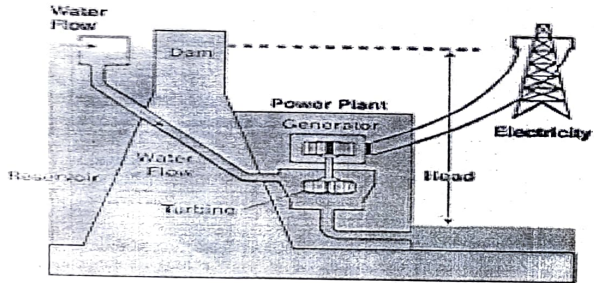
DEPARTMENT OF ELECTRICAL ENGINEERING

PRESENTS

Workshop

On

"Hydro Energy System"



21st and 26th September, 2018

KEY OBJECTIVES:

After completion of the course student should be able to:

1. Introduction to Pico , Micro, Small and Large hydroelectric power plants
2. Hydro turbine basics and design
3. Operation and maintenance of Hydro power plants
4. Software tools for simulation, validation and economics of hydro power

CONTRIBUTORS:

1. Mr. S.V. Dinkar (Expert in Design, Erection and Operation of Hydro Energy System)
2. Prof. S.A.Upasani

SCHEDULE:

Friday, 21/9/2018

- 09.00 to 09.15 am : Registration
09.15 to 11.15 am : Inauguration & Session 1 by Mr. S.V.Dinkar
11.15 to 11.30 am : Tea Break
11.30 to 01.30 am : Session 2 , by Mr.S.V.Dinkar
01.30 to 02.30 pm : Lunch Break
02.30 to 03.45 pm : Session 3 , by S.A.Upasani

Wednesday, 26/9/2018

- 08.30 to 2.00pm : Industrial Visit to Panshet Dam, Pune

ORGANISING TEAM

Dr. V. N. Gohokar
(HoD) Elect. Engg
Mr. M. R. Tarambale
Mr. Balaji B. Bhure
Mrs. S.A.Upasani
Mr. S.M.Harite

Mr. S.C. Jadhav
Mr. M.D.Raut
Mr.A.M. Suryawanshi
Mr. V.R.Bhoi

SUPPORTING TEAM

Mr. P.V.Thite
Mr. G.A.Jadhav
Mr. P.V.Dhakad
Mr. S.S.Bhise
Mrs.B.B.Niture
Mrs. P.D.Deshmukh
Mrs. K.S.Sagar



येचे महताचे हित

MARATHWADA MITRA MANDAL'S COLLEGE OF ENGINEERING

Karvenagar, Pune 411 052

Department of Engineering

CASH VOUCHER

Voucher No.

000395

Date : 21/9/2018

Account Head : Remuneration for Guest [Hydro Energy system Workshop]


Particulars	Amount	
	Rs.	Ps.
Remuneration amount paid by cash to guest Mrs. S.V. Dinkar for conduction of workshop on Hydro energy system for the subject Audit course V, for BE Electrical student on Friday 21 st sept. 2018	5000/-	
Bouquet Rs. 100	100	
Remuneration Rs-4500/- + T.A. Rs. 500/-		
Total	5100/-	

Received from Principal, Marathwada Mitra Mandal's College of Engineering

Rupees (in words) one five thousand & one Hundred only

Passed for Payment


Principal



Accountant


Signature of Receiver



S.V. Gohokar
HOD
Electrical Department

Permitted


12/9

Rs 5000/- Received
Dinkar

Mrs. S.A
Asst. P
Electrical

Principal
MCOE, Karve Nagar
411-052.

Washi



सर्वे ज्ञानस्य त्तोयः

MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING

KARVENAGAR PUNE-52
Accredited with 'A' grade by NAAC

**DEPARTMENT OF ELECTRICAL
ENGINEERING**
ON

"Increasing well being and effectiveness at work places"

Thursday, December 06, 2018

Time: 09 am - 04 pm

Facilitator:

Ms. Dhanashree Ghare

Counsellor

Course Contents:

- Work Stress
- Not reaching your potential
- Interpersonal challenges

Participants: Faculty and supporting staff.

Note: All are invited for Breakfast and Lunch.

Strengths of this Workshop

1. Interactive session
2. Session was very helpful in all concern
3. I especially like four quadrant system & Dogs theory
4. Overall the session were very good
5. Very good session
6. Sufficient material/ topics covered
7. Good time management
8. Good hospitability
9. Good room decoration
10. Discussion was supported by actual field examples and hence interesting
11. Presentation skill, communication etc. very good and interactive session
12. Session is very inspirational
13. Complete utilization of time
14. Interactive
15. Very refreshing
16. Could connect with the problems at work place
17. Guided in some way to tackle problems circle of influence/ concern
18. Emotional bank account fixed and growth mind set
19. Videos
20. Fruitful and meaningful to improve myself
21. Positive self-motivated and satisfied
22. The session was excellent from point of view of my development as an individual
23. I have learn about how to come out of any panic situation
24. The principal of proactive working will help me to develop
25. Useful for in day to day life importance of things i.e. which things are important or not can be analysed
26. Life goals, happiness, helpfulness are basic things but we are not tacking care.
27. Activities
28. Comparison between fixed mind-set and growth mind-set
29. Examples and videos shown like Marva Collins, Tony Lepore, etc.
30. Active listening
31. Learn new things about behaviour under tense conditions etc.
32. The session was excellent from point of view of Proactiveness, how to work with team, self-development
33. Life leadership was good
34. Proactive & active things concept very nice
35. Remove the comfort zone & accept the reality so that we can grow very nicely.

Opportunity for improvement in next Workshop

1. Self-behaviour improvement
2. Stress management
3. Team work
4. Give examples of Indian models also.
5. Give little bit game activity for freshness in first session
6. The proper time management planning for an engineering teacher must be included in the workshop by considering the responsibilities & activities allotted to the faculty
7. Meditation once in a week
8. Team activity

MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING PUNE 411052

Accredited with A Grade by AAC

Electrical Engineering Department






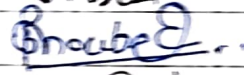





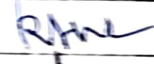
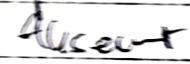






One Day Workshop

on

"Increasing well being and effectiveness at work places"

Attendance Sheet

Date: 06/12/2018

Sr. No.	Name of Faculty	Sign
1	Dr. V.N.Gohokar	
2	Prof. M. R. Tarambale	
3	Prof. B.B.Bhure	
4	Prof. S.A. Upasani	
5	Prof. S.C.Jadhav	
6	Prof. P.R. Choube	
7	Prof.S.M.Harite	
8	Prof. A.M.Suryawanshi	
9	Prof.M.D.Raut	
10	Prof. C.P.Thottan	
11	Prof V. R. Bhoi	
12	Mr. P. V. Thite	
13	Mr. P. V. Dhakad	
14	Mr. G. R. Jadhav	
15	Ms. K. S. Sagar	
16	Ms. P. D. Deshmukh	
17	Ms. B. B. Niture	
18	Mr. S. S. Bhise	
19	Mr.S.B.Somwanshi	

	<p align="center">GOVERNMENT OF MAHARASHTRA WATER RESOURCES DEPARTMENT REGIONAL TRAINING CENTRE (MECH.), NAVI SANVI, PUNE-411012 Telephone/Fax:020-20275675 E-mail : rtedapodt@gmail.com</p>	
No RTC(Mech.)/Tech-2/18/2019.		Dated: 24/01/2019

Invitation letter

To,
 The Principal,
 Marathawada Mitra Mandal College of Engineering,
 Karvenagar, Pune.

(Kind Attention : Dr.V.N.Gohokar, H.O.D. Electrical Department, MMCOE, Pune.)

Subject: Invitation.

Respected Sir,

This Training Centre has arranged a Course on “ **Electrical safety & Management.**” from 29/01/2019 to 31/01/2019 and “**Electrification, electricity rules and acts and safety**” from 06/02/2019 to 08/02/2019 in the view of vast experience and knowledge in the above course contents, Regional Training Centre, Pune invites MMCOE’s Electrical dept faculty members as a trainer to deliver lectures between 29/01/2019 to 31/01/2019 & 06/02/2019 to 08/02/2019. The participant trainees comprises of Junior, Assistant and Sectional engineer of WRD & PWD.

Thanking you,

Best Regards,

✓ Good achievement
 ✓ noted

SD
 4/2

Executive Engineer & Principal,
 Regional Training Centre (Mech.),
 New Sangvi, Pune-411027.

NAAC File no: 31

Venue: Regional Training Centre (Mech.), New Sangvi, Pune-61
 Period: - 29/01/2019 to 31/01/2019

Day	Time	Topics
Day 1 29/01/2019	10:00 to 10:30	Registration
	10:30 to 13:30	EARTHING: necessity, accidents due to absence of earthing, basic safety devices used for domestic and industrial purposes i.e. fuse, MCB their selection, rating etc as per relevant IS Shri. Atul Dhamane. (9822280963)
	14:30 to 17:45	Awareness of Indian Electricity Rules And Acts. Revised Electricity Act-2003. National Electricity Code. Acts related to safety of electrical equipment machinery. Shri. S.V. Dinkar. (9822414184)
Day 2 30.01.2019	10:30 to 13:30	Technical specification of conductor, insulator & switchgear and live demonstration of insulation resistance measurement, earth resistance measurement Shri. Sagar Jadhav.
	14:30 to 17:45	Electrical safety & Accidents. Mr. M.R. Tarambale.
Day 3 31.01.2019	10:30 to 13:30	Electrical accidents: Causes Preventive measures & Post measures. Case Studies. Shri. S.V. Dinkar. (9822414184)
		Sharing of experiences And Conclusion.

Course Co-ordinator :

Mr. M.G. Khamse, Deputy Engineer (Mech)

Mr. S.M. Sahare, Deputy Engineer (Mech)

Miss. A.M. Kulkarni, AE-II (Mech)


(B.N. Satav)

Executive Engineer & Principal

Regional Training Centre (Mech)

New Sangvi, Pune.

Copy to

MRT → 

SCJ →

	<p align="center">GOVERNMENT OF MAHARASHTRA WATER RESOURCES DEPARTMENT REGIONAL TRAINING CENTRE (MECH.), NAVI SANVI, PUNE-411012 Telephone/Fax:020-20275675 E-mail : rtedapodi@gmail.com</p>	
No RTC(Mech.)/Tech-2/18/2019.		Dated: 26/01/2019

Invitation letter

To,
 The Principal,
 Marathawada Mitra Mandal College of Engineering,
 Karvenagar, Pune.

(Kind Attention : Dr.V.N.Gohokar, H.O.D. Electrical Department, MMCOE, Pune.)

Subject: Invitation.

Respected Sir,

This Training Centre has arranged a Course on “ **Electrical safety & Management.**” from 29/01/2019 to 31/01/2019 and “**Electrification, electricity rules and acts and safety**” from 06/02/2019 to 08/02/2019 in the view of vast experience and knowledge in the above course contents, Regional Training Centre, Pune invites MMCOE’s Electrical dept faculty members as a trainer to deliver lectures between 29/01/2019 to 31/01/2019 & 06/02/2019 to 08/02/2019. The participant trainees comprises of Junior, Assistant and Sectional engineer of WRD & PWD.

Thanking you,

Best Regards,

✓ Good achievement
 ✓ Tested

EDD
 9/2

Executive Engineer & Principal,
 Regional Training Centre (Mech.),
 New Sangvi, Pune-411027.

NAAC File No: 31

Copy to S.M.H.

Training Code : 137

Venue: Regional Training Centre (Mech.), New Sangvi, Pune-61

Period: - 06/02/2019 to 08/02/2019

Day	Time	Topics
Day 1 06/02/2019	10:00 to 10:30	Registration
	10:30 to 13:30	<u>ELECTRIFICATION</u> : Types of electrical wiring, calculation of conductor size, types of conductors for industrial and domestic purposes, load calculation, conductor choosing criteria, building or plant load estimation standard procedures. <u>Shri.Sagar Jadhav.(8698534141)</u>
	14:30 to 17:45	Basics IoT and live demonstration with <u>Arduino</u> <u>Dr.V.N.Gohokar. 0</u>
Day 2 07/02/2019	10:30 to 13:30	Motor starter techniques and controllers upto PLC. <u>Prof.S.M.Harite.0</u>
	14:30 to 17:45	<u>ELECTRICITY ACT 2003 & GRID CODE.</u> <u>Mrs.C.P.Thottan. 0</u>
Day 3 08/02/2019	10:30 to 13:30	Personality Development. <u>Shri.Pravin Choube. (8600684001)</u>
		Sharing of experiences And Conclusion. I

Course Co-ordinator :

Mr. M.G.Khamse. Deputy Engineer (Mech.)

Mr. S. M. Sahare. Deputy Engineer (Mech.)

Miss. A. M. Kulkarni. AE-II (Mech.)

(B.N.Satav)

Executive Engineer & Principal
Regional Training Centre (Mech)
New Sangvi, Pune.

Annexure – II

DST NIMAT Project

PROFORMA FOR STATEMENT OF PROGRAMME COMPLETION

1. **Name of the Organization:** Marathwada Mitra Mandal's College of Engineering
2. **Programme:** EAC
3. **Programme Location:**
Marathwada Mitra Mandal's College of Engineering
Sr.No. 18, Plot No. 5/3, CTS No.205, Behind Vandevi Temple, Karvenagar, Pune – 411052
4. **Name of Trainer – Motivator/Coordinator:** Mr. Pravin R.Choube
5. **Date of Launching Promotional Activities:**01/01/2019
6. **Date of Selection (Interview):**27/01/2019
7. **Date of Commencement of the Programme:**20/02/2019
8. **Date of Completion of the Programme:**22/02/2019
9. **Number of Participants:**
Male: 55
Female: 22
10. **Trade (For TEDP Only):** NA

Date: 24/02/2019


Signature of Programme Coordinator

DST – NIMAT PROJECT

PROFORMA FOR POST PROGRAMME REPORT (PPR) OF EAC

1. Name & Address of Programme Implementing Agency:

Marathwada Mitra Mandal's College of Engineering
Sr.No. 18, Plot No. 5/3, CTS No.205, Behind Vandevi Temple, Karvenagar, Pune – 411052
Ph.: (020) 25479811, 25479812, 7720097780, 7720097781, 7720097782
Extn Nos. : 203,202. Fax No.: (020) 25470909
Email: mmcoe@mmcoe.edu.in, principal@mmcoe.edu.in
Website: <http://www.mmcoe.edu.in>

2. Programme Location:

Marathwada Mitra Mandal's College of Engineering
Sr.No. 18, Plot No. 5/3, CTS No.205, Behind Vandevi Temple, Karvenagar, Pune – 411052

3. Programme Date : From 20/02/2019 to 22/02/2019.
4. Name of the Coordinator : Mr. Pravin R.Choube
5. No. of candidate attended the programme : (Male 55, Female 22)
6. List of participants : **ANNEXURE – I**
7. Program schedule : **ANNEXURE – II**
8. List of resource persons : **ANNEXURE – III**
9. List of industries visited : **ANNEXURE – IV**
10. Participant's feedback: **ANNEXURE – V**
11. Photographs of Programme : **Attached**

ANNEXURE – I
List of Participants for EAC

Sr. No.	Name of the Student	Age	Gender	Education	Category	Aadhar Number
1	BADHE ASHISH RAGHU	21	Male	BE Electrical Students	Open	
2	BHAGWAT ANKITA VILAS	20	Female		SBC	979050066648
3	BHALEKAR SAGAR SANJAY	21	Male		OBC	205975518022
4	BHOLE LITESH SHARAD	21	Male		Open	
5	BHOSALE SANKALP RAJENDRA	21	Male		Open	2797599002245
6	BIRADAR NITIN RAMESH	22	Male		Open	777073377900
7	BONDRE NIKITA BHANUDAS	22	Female		Open	
8	BORSE AKSHAY ATMARAM	21	Male		Open	795259847008
9	CHOPADE LOHIT RAVINDRA	22	Male		OBC	312900223048
10	DAIGAVANE SHIVANI ASHOKRAO	21	Female		OBC	626744856949
11	DESHMUKH VAISHNAVI CHANDRAKANT	21	Female		Open	462233470599
12	DESHPANDE VAISHNAVI AMOD	21	Female		Open	656754471928
13	DOIPHODE PAWAN RAJENDRA	21	Male		Open	
14	DONGARE MAHESH HANUMANT	21	Male		SC	391110252380
15	FULDEORE AKASH SATISH	21	Male		OBC	618362463938
16	GADEKAR MAYUR POPAT	21	Male		OBC	286812448377
17	GAIKWAD AKSHAY MURLIDHAR	22	Male		Open	257312056468
18	GAVHANE KAMAL MACHHINDRANATH	21	Female		VJNT	258316000058
19	GAWALE SAGAR SHIVAJI	22	Male		Open	487361452955
20	GHADAGE APOORVA AVINASH	21	Female		Open	711436425350
21	GHODAKE BANNE PRIYANKA RAMCHANDRA	20	Female		OBC	956712405262
22	GHULE RUPALI SHANKAR	22	Female		VJNT	678218473761
23	HARSHBODHI ANIKET ARUN	22	Male		SC	745119744628
24	JADHAV SHUBHAM TANAJI	22	Male		Open	912061022295
25	JOSHI AADIT SAMEER	22	Male		Open	
26	KAHANE TEJAL DIPAK	21	Female		OBC	327500455773
27	KALE GANESH SHAMRAO	22	Male		ST	386992839853

28	KOMAL POPAT JAGDALE	21	Female	BE Electrical Students	Open	764841390281
29	KORADE SURAJ VISHNU	22	Male		Open	389090326479
30	KULKARNI SOURABH JAYKUMAR	22	Male		Open	
31	KURBET PRATIK VENKATESH	22	Male		Open	
32	LAYARE GANESH DILIP	21	Male		VJNT	353955817579
33	LOHIYA AMIT SATYANARAYAN	20	Male		Open	574512534723
34	LOKHANDE SNEHA SANJAY	21	Female		OBC	786568538494
35	MAHAJAN SHUBHAM BHAGWAT	21	Male		Open	
36	MAHALLE SHAILESH BHIMRAO	21	Male		OBC	461523883283
37	MALI PRAJWAL KISHOR	21	Male		OBC	644711104288
38	MEHTRE NIKITA SURESH	21	Female		SBC	
39	NALAWADE PARIKSHIT CHANDRASHEKHAR	21	Male		Open	680937442638
40	PARATE ANJALI SHANESH	23	Female		SBC	530095048692
41	PATIL AISHWARYA VITTHAL	21	Female		Open	433252025587
42	PATIL ANURADHA SHIVAJIRAO	22	Female		Open	233458100019
43	PATLE ARPIT RUPCHAND	21	Male		OBC	591111036738
44	PAWAR AKASH SURESH	21	Male		NTA	445418007787
45	PAWAR SUSMITA SAMBHAJI	21	Female		Open	
46	PAWEKAR BALAJI PANDURANG	21	Male		Open	
47	POTDAR PRASAD PRAKASH	21	Male		OBC	536431426134
48	PURANE OMKAR RAJARAM	20	Male		Open	753772092142
49	RAHUL RAMDAS JAWANJALE	24	Male		OBC	862260526843
50	RATHOD PRITI RAJENDRA	21	Female		VJ	238549744687
51	SABALE SUYOG MAHADEV	22	Male		Open	
52	SAGAR BHAGWAN DESHMUKH	21	Male		Open	925879151223
53	SANAP DATTATRAYA DAMODHAR	21	Male		NTD	429659372624
54	SANDESH RAMESH WANGANEKAR	22	Male		Open	
55	SATAPURE ROHIT RAJARAM	22	Male		Open	217650727458
56	SIRSATH RAVINDRA PANDURANG	21	Male	Open	731201729721	
57	SONAR CHANDRASHEKHAR MOHANRAO	21	Male	OBC	801383427327	
58	SONKAMBLE SHWETA BHANUDAS	20	Female	SC	236897095409	

59	TONDE OMKAR CHHABAN	21	Male	BE Electrical Students	Open	
60	WAGH SAGAR VIJAY	21	Male		OBC	404943289319
61	BARUI SHUBHANJOY BHABOTOSH	22	Male		Open	402382005983
62	BHARAMBE NEEL KISHOR	24	Male		OBC	
63	BIRAJDAR LAXMIKANT SHIVSWARUP	21	Male		Open	
64	DESHMUKH SAYALI VITTHALRAO	22	Female		Open	
65	DHULUGADE GOURI SUDHIR	23	Female		Open	
66	GAIKWAD PRATIK GANESHRAO	24	Male		Open	
67	HATWAR SHUBHAM PRALHAD	22	Male		OBC	352817440837
68	HAVALE SANKET SATYESHWAR	22	Male		Open	
69	INDRALE BALAJI CHANDRAKANT	22	Male		OBC	234060194728
70	JAYBHAYE ATISH SUDHAKAR	22	Male		NTD	280127458100
71	KUMBHAR SRUSHTI KISAN	22	Female		OBC	868591657565
72	MAHAJAN SUSHIL RAMDAS	22	Male		OBC	936070063367
73	REKHATE DIPAK MAHADEO	21	Male		Open	
74	RODGIRE NIVARTI TUKARAM	23	Male		Open	
75	RUKDIKAR AJINKYA RAVINDRA	22	Male		Open	913872697991
76	SHAH SHUBHAM RAJESH	22	Male		OBC	684414911069
77	SHIZAN ALI KHAN	22	Male		Open	

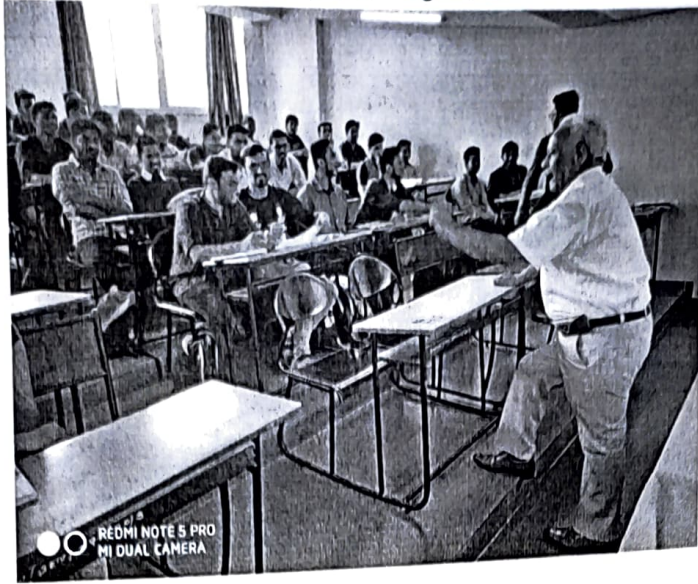
**ANNEXURE – II
PROGRAMME SCHEDULE**

Date and Day	Session*	Subject / Topic	Faculty
Wednesday 20/02/2019	I	Inauguration- Camp Objective, Entrepreneurship (general concepts only)	Mr. Dilip Oak Mentor, Consultant, Guide for Entrepreneurship Development activities
	II	Historical background-Indian values vis-a-vis Entrepreneur ship and the present scenario	
	III	Identification of opportunities for entrepreneurs	Mr. P.R.Choube, Functional Head Entrepreneurship Awareness and Incubation Cell, MMCOE, Pune
	IV	Mechanism of product selection and technology-assistance from R&D labs and others on choice of technology etc	
Thursday 21/02/2019	I	How to start a SSI unit (General concept about the Govt. formalities, rules & regulation, location, and different aspect of an industrial venture.)	Mr. Ram Bende Mentor, Consultant, Guide for Entrepreneurship Development activities, Practicing Entrepreneur
	II	Tech. & commercial Aspects of SSI unit (General concept only)	
	III	Financial aspects of SSI unit including salient features of a project report	Mr.S.Y.J. Tirandaaj Ex. Manager, Bank of Maharashtra, Mentor and Business Advisor
	IV	Support and financial assistance from Govt. agencies, banks, financial institutions, SFCs and others-securities demanded by FIs/banks etc	
Friday 22/02/2019	I	Creativity and business- the man behind the venture -the behavioral scientist's approach	Dr. Pravin Katare, Assistant Professor, MMCOE, Karvenagar
	II	Communication skills (interacting with people) for better results	Prof. Dhanashree Ghare, Counselor, CRD Division, MMCOE
	III	Lectures by practicing entrepreneur's success stories- common problems faced by entrepreneurs	Mr. Ram Bende Mentor, Consultant, Guide for Entrepreneurship Development activities, Practicing Entrepreneur
	IV	Discussion with participants for their reactions about the camp,(Including factory visit)	Mr. P.R.Choube Program Coordinator, Functional Head ED Cell, MMCOE, Pune

ANNEXURE – III
LIST OF FACULTY / RESOURCE PERSON

Sr. No.	Name and Address	Designation	Organization
1	Mr. Dilip Oak Mentor, Consultant, Guide for Entrepreneurship Development activities Contact No:9822081665 Email: dilopoak@gmail.com	Mentor, Consultant, Guide	Consultant for Godrej Motors, Pune
2	Mr. Ram Bende Mentor, Consultant, Guide for Entrepreneurship Development activities, Practicing Entrepreneur	Mentor	Self Employed
3	Mr.S.Y.J. Tirandaaj Pune, Contact:9371019409	Ex. Manager	Bank of Maharashtra
4	Mrs. Dhanashree Ghare Pune, Contact:9881038380 dhanashreeghare@mmcoe.edu.in	Counselor	MMCOE, Pune
5	Dr. Pravin Katare, Pune Contact: 942282360 pravinkatаре@mmcoe.edu.in	Assistant Professor	MMCOE, Pune
6	Mr. P.R.Choube Pune, Contact:8600684001 pravinchoube@mmcoe.edu.in	Functional Head ED&I Cell	MMCOE, Pune

Photographs of Programme



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. 2018-19)

Workshop on "Energy Storage System"

REPORT

The Electrical Engineering Department had organized a Two days' Workshop on "Energy Storage System" on 28th and 29th March 2019. Mr. R. P. Deshpande, B.Tech (Elec), F.I.E was invited as the resource person to conduct the workshop. BE Students attended the workshop.

Course Outcomes:

Types of energy Storage system with their advantages and disadvantages discussed in the session.


Coordinator



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MARATHWADA MITRAMANDAL'S

COLLEGE OF ENGINEERING

KARVENAGAR PUNE-52

Accredited with 'A' grade by NAAC

DEPARTMENT OF ELECTRICAL ENGINEERING

In Honour of Golden Jubilee Year

Organising

2 Days Workshop On

"Photovoltaic Generation"

Saturday & Monday, March 30 & 01, 2019

Time: 10.00am – 05.00pm

Facilitators

Mr. Himanshu Chawne

&


Mr. S. C. Jadhav

Assistant Professor, Electrical Department, MMCOE, Pune

Key Objectives

1. Introduction to Energy Storage System
2. Understand PV/IV characteristics of solar panel
3. Choose solar topologies for different application

NAAC Mile 30/31


16/9/19

MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING, PUNE- 411052.

Accredited with 'A' Grade by NAAC

Electrical Engineering Department

Ref. No.

Date: 30 / 03 / 2019

To

Himanshu Chawne

Subject: Invitation Letter for Expert Lecture


Dear Sir


We are pleased to invite you in Electrical Department of Marathwada Mitra Mandal's College of Engineering, Pune to deliver an Expert Lecture for our SE students on March 30, 2019 during 2pm to 4pm on the topic '**Solar Photovoltaic Systems**' in the 2 Days Workshop on the topic '**Energy Storage Systems**' to be held on March 30, 2019. We request you to share your expertise and experience in the field of your work in association with topic stated above.

We look forward to a positive response towards accepting our invitation.

Thanking you

Yours' Sincerely


Prof. S. C. Jadhav
Co-ordinator


Dr. V. N. Gohokar
HOD Electrical

Sincerely
30/3/19

MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING, PUNE- 411052
Accredited with 'A' Grade by NAAC

Electrical Engineering Department

Date: 30/03/2019

Ref. No.

To

Himanshu Chawne

Subject: Thanking letter for conducting Expert Lecture

Respected Sir,


We thank you for sharing your experience and knowledge of your expertise during Expert Lecture conducted on March 30, 2019 for SE Electrical students during 2 Days Workshop on "Solar Photo Voltaic Systems"

We are sure that the directions given in the expert lecture on the topic 'Solar Photo Voltaic Systems' will prove beneficial to our students.


We look forward to being associated with you in the future too.

Thanks once again.

Sincerely,


Mr. S. C. Jadhav
Co-ordinator


Himanshu
30/3/19


Dr. Gohokar V. N.
HOD Electrical

Theory Weekly Attendance Sheet - 2018-19 (Sem - II)

Sub	Faculty	Week no.	Date/Time				Total
Roll No.	Name of Student	Cumm. Atte Max.	1st	2nd			
SE 01	APURVA PADMKAR KALE		20/3				
SE 02	ARAK ABOLI MILIND		AK	AK			
SE 03	ARUN LOKHANDE						
SE 04	ATUL ARUN MALI		Mali				
SE 05	AVHAD AMISHA BHAUSAHEB		Amu	Amu			
SE 06	AWASKAR SANKET PRAMOD		Prant	Prant			
SE 07	BAGDE NIKHIL SATISH		SB	SB			
SE 08	BIRADAR SHIVANI GOVIND		Shivani	Shivani			
SE 09	BIRAJDAR RUPESH RAJKUMAR		Rupesh				
SE 10	BISALE PRATIK PANDURANG		PS	PS			
SE 11	BISWAS HRITIK ARUN						
SE 12	CHAVAN PRATIKSHA VIJAY		Prav	Prav			
SE 13	CHIMANKARE HARISH SUBHASH		HS				
SE 14	CHINKE PRANAV PRAMODRAO		Pranav	Pranav			
SE 15	DAVE RAJ SHASHIKANT						
SE 16	DEORE NISHANT DHAIRYASHIL		Deore	Deore			
SE 17	GANDULE ROHIT RAJARAM		RP	RP			
SE 18	GAVIT HARSHADA UTTAM		Gavit	Gavit			
SE 19	GAWADE GITESH NITIN		Gawade	Gawade			
SE 20	GAWATE NIKHIL SUSHILRAO		Gawate	Gawate			
SE 21	GHODKE SUMIT DILIP		GH	GH			
SE 22	GHODVAIDYA ATHARVA SHYAM		GH	GH			
SE 23	GHONE PALLAVI SAMBHAJI		Pallavi				
SE 24	GHUGE GAURAV MILIND		Gur	Gur			
SE 25	GUJAR OMKAR PRADIP						
SE 26	HARSULE POOJA SANTOSH		PS	PS			
SE 27	JADHAV PRATHAMESH VYANKAT		Prath	Prath			
SE 28	KACHARE AMOL LAXMAN		Amol	Amol			
SE 29	KADU UTKARSH PRASHANT		Prash	Prash			
SE 30	KAJAL JAYANTILAL JAIN		Kajal	Kajal			
SE 31	KALE NIKHIL KISAN		NK	NK			
SE 32	KAMALI CHARUSHILA SHRIKANT		Kamali	Kamali			
SE 33	KANDEKAR KRANTI RAMESH						
SE 34	KHAIRNAR SHUBHAM KAILAS						
SE 35	KHANDEKAR PRIYANKA BABASAHEB		Pranav	Pranav			
SE 36	KHARATE ROMIT RAJESH		Romit	Romit			
SE 37	KHIRSAGAR KAUSTUBH VIKAS		Kush	Kush			
SE 38	KORADE POOJA SUNIL		Pooja	Pooja			
SE 39	KORE HEMANT VIRNATH		Hemant	Hemant			
SE 40	KORE SHUBHAM RAJABHAU						

Audit course - II workshop

SE 41	KSHIRSAGAR PAVAN PRASHANT									
SE 42	KULKARNI RUGVED PRADEEP									
SE 43	KULKARNI SHUBHANKAR SANJAY									
SE 44	MAHURE SUMEET MUNESHWAR									
SE 45	MANE ASHWINI PANDURANG									
SE 46	MARGAJE PRATHMESH SANJAY									
SE 47	MENE ADITYA VITTHAL									
SE 48	MIRAJE AKSHADA PRADEEP									
SE 49	MOHAMMAD									
SE 50	PARGE PUNAM BALIRAM									
SE 51	PATIL AJINKYA RAJENDRA									
SE 52	PATIL PRANJAL GANESH									
SE 53	PATIL VIJAY TULSHIRAM									
SE 54	PAYAL HIRAMAN PAYGUDE									
SE 55	RADE NIKITA DILIP									
SE 56	RAUL AKSHAY SANDEEP									
SE 57	SANJIVANI ASHOK SHINDE									
SE 58	SHINDE AWADHUT SADASHIV									
SE 59	SHINDE DIGVIJAY BAJIRAO									
SE 60	SHINDE KETAN BHIMRAO									
SE 61	SHIRSATH BHUSIAN BALASAHEB									
SE 62	SWAMI ASHWINI RAJKUMAR									
SE 63	SWAPNIL JADHAV									
SE 64	TEKAWADE GAUTAM SUBHASH									
SE 65	TURATE PRASAD LAXMAN									
SE 66	ULAGADDE RUSHIKESH SHIVDAS									
SE 67	WANI RUTIKA SANJAY									
SE 68	WANKHADE VEDANT VIRENDRAPANT									
SE 69	YADAV SATYAPRAKASH GAJENDRANATH									
SE 70	YUVRAJ BORADE									

Course Coordinator

STATE LEVEL PROJECT COMPETITION 2K19
organized by
Department of Electrical Engineering, MMCOE - Pune
in association with
IEEE PES-IAS Chapter &
Young Professional Affinity Group (IEEE Pune Section)
Thursday, 4th April 2019

REPORT

Department of Electrical Engineering, MMCOE - Pune in association with IEEE PES-IAS Chapter & Young Professional Affinity Group (IEEE Pune Section) has organized **State Level Project Competition 2K19** for undergraduate students of electrical engineering of various colleges of Maharashtra state on Thursday, 4th April 2019 at Marathwada Mitramandal's College of Engineering, Pune - 411052. Dr. V. N. Gohokar, HoD Electrical acted as a convener and Dr. Manoj Tarambale & Prof. Akshay Suryawanshi acted as coordinator for this Project Competition.


Twenty one engineering colleges from Pune, Mumbai, Raigad, Nashik, Baramati, Indapur, Ahmadnagar etc. participated in the competition. Organizers received registration of 92 teams for competition, out of which 61 teams were given final chance to presents their projects.


The event was inaugurated at the hands of Dr. Surekha Deshmukh IEEE Chair - PES IAS Chapter & Young Professional Affinity Group (Pune Section) and Dr. S. M. Deshpande Principal, MMCOE, Pune. For the function all judges, HoDs & Deans of the college, all event coordinators and all staff of the department where present.

Received projects were divided into six groups such as pure electrical, power electronics based, non-conventional energy sources based, IoT based electrical applications, pure software design based, automation based (PLC & SCADA) etc. To evaluate these projects, a team of six judges were appointed from industry and

academia namely Dr. Mandar Bhavalkar, Shri. Rajendra Joshi, Shri. Shantanu Dixit, Shri. Mukul Joshi, Shri. Yogendra Talware etc. The judges evaluated all the participated groups (53 numbers) on the basis of originality, innovation, presentation skills, project completion status, questions & answers based on project etc.

The valedictory function was arranged on the same day at 2:30 pm. The chief guest for the function was Dr. Mandar Bhavalkar. Six prizes were given to the best projects (List Attached) namely hardware category (3 cash prizes - ₹ 3500/-, ₹ 2500/-, ₹ 1500/-), software category (1 cash prize - ₹ 1500/-), best multidisciplinary project (1 cash prize - ₹ 1000/-) and best design project (1 cash prize - ₹ 1000/-). In the function Dr. Manoj Tarambale spoke about event review, Dr. S. M. Deshpande addressed audience on various college activities and Dr. Mandar Bhavalkar has given information on IEEE organization and appeal students to take membership of IEEE. The function was concluded by vote of thanks given by Prof. B. B. Bhure.


Prof. A. S. Suryawanshi
Coordinator


Dr. M. R. Tarambale
Coordinator

Dr. V. N. Gohokar
Convenor



Inauguration of Event – State Level Project Competition 2K19



Felicitation of Dr. Surekha Deshmukh (Chair: IEEE PES-IAS Chapter Pune Section)

STATE LEVEL PROJECT COMPETITION 2K19

Department of Electrical Engineering ,MMCOE

IEEE PES-IAS Chapter &

Young Professional Afinity Group (IEEE Pune Section)

Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	NEHA BHOSALE SHRADHA SASANE SHWETA BHARAMBE NILIYA LADHE	EE019	PVG's COET ,PUNE- 411009	8180047368	FIRE EXTINGUISHING USING FIREBIRD 5 ROBOT	<i>Neha Shradha Shweta Niliya</i>
2	Sankalp Hande Shubham Chintalwar Hitesh Daundkar	EE051	JSPM'S Bhivarabai Sawant Institute of technology and research,Wagholi	8605162523	ARDUINO BASED SMART BELL	—
3	Kishori Rupnur Vipul Badhe Aniket Kesarkar Pramad Jaybhaye	EE025	Pune Vidyarthi Griha's College of Engineering and Technology, pune	8605949677	CONTROL STRATEGIES FOR AN INVERTER	<i>Kishori Vipul Aniket Pramad</i>
4	Suyog Hiray vaibhav Raulwar Durgesh Nikam	EE029	Aissms ioit ,pune	8605185449	H BRIDGE INVERTER	—
5	Anurag Lambor Ninad Gawande Onkar Dahiwal Pranav Deshmukh	EE038	AISSMS COE Pune - 01	7058895560	AUTOMATIC GATE OPERATING DEVICE WITH AUTO SPEED CONTROL TECHNOLOGY.	<i>Anurag Ninad Onkar Pranav</i>

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
6	Amol Jadhao Avinash Ahire Tejal kadam.	EE047	JSPM'S BSIOTR , WAGHOLI, PUNE	07972693231	ONLINE PARAMETER MONITORING AND SPEED CONTROL OF DC MOTOR USING CAN PROTOCOL.	<u>A. Jadhao</u> <u>A. Ahire</u> <u>T. Kadam</u>
7	Swapnil Namdev Kadu, Sushma Bharat Mulay, Akshada Vilas Nighute, Aditi Balasaheb Jadhav	EE062	Amrutvahini college of engineering, Sangamner	7350777380, 9112280064, 9284954385, 9422664981	WIRELESS MULTIPURPOSE AGRICULTURAL ROBOT BASED ON SOLAR ENERGY	<u>Swapnil</u> <u>Sushma</u> <u>Aditi</u>
8	Shubhangi Surkutlawar, Akshay Sonavane, Pratiksha katti	EE069	JSPMs JSCOE	9049457468	FOUR QUADRANT CHOPPER	_____
9	Akash Rajmane Imran Shaikh Pratik Rajpure	EE074	JSPM's BSIOTR, Wagholi, Pune	8600705783	ENERGY CONSERVATION USING VFD IN AGRICULTURAL AREA	<u>P.S. Raj</u> <u>A. Rajmane</u>

Total No: 06

Amol
Co-ordinator




STATE LEVEL PROJECT COMPETITION 2K19

Department of Electrical Engineering ,MMCOE
IEEE PES-IAS Chapter &
Young Professional Afinity Group (IEEE Pune Section)

Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Shubham Kale Mohan Patil Yogesh Ghodake	EE015	AISSMS-COE, Pune	7030080063	ELEVATOR CONTROL USING PLC, HMI AND ENCODER	
2	Mandar Limaye. Harshada Patil	EE017	AISSMS COE,Pune	8149212599	AUTOMATIC CAR PARKING USING PLC	
3	Rohit Tanksale Shubham Gondhali Rutuja Ghugarkar Pranjali Pattanshetti	EE022	AISSMS COE PUNE	8329547383	ELECTRICAL LOAD MANAGEMENT USING PLC AND SCADA	—
4	Akshay Pachpute Bhakti Dhongade Mudit Jain Shubham Pathare	EE030	P. E. S.s Modern College of Engineering Pune	7057692026	SMART BOTTLE DISPENSER AND FILLING	

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
5	Pravin Chittekar, Prachi Shinde, Aditya Khoje	EE031	AISSM IOIT	8484000759	MANAGEMENT OF LOAD BY PLC & SCADA	—
6	Harshraj, Shruti, Mohit, Amol	EE033	PVG'S COET. Pune	8605007522	PROTOTYPE OF AUTOMATED SORTING	—
7	Arpit Patle, Pratik Kurbet, Saurabh Kulkarni, Akshay Borse	EE055	Marathwada Mitra Mandal, College Of Engineering	8308830240	BUILDING MANAGEMENT SYSTEM USING PLC AND SCADA	Patle P.V. Kurbet Patle Patle
8	Akshay Walke Rahul Disa, Nikhil Gimhavanekar	EE082	AISSMS IOIT	9421832333	IOT BASED BUILDING AUTOMATION	Akshay RD Disa

Total: 05

Patle
co-ordinator

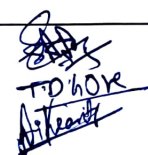


STATE LEVEL PROJECT COMPETITION 2K19
 Department of Electrical Engineering ,MMCOE
 IEEE PES-IAS Chapter &
 Young Professional Afinity Group (IEEE Pune Section)

E → 110

Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Shubham Avhad Tanmay Gore , Vikrant Chincholkar, Vedant Satpute	EE010	P.E.S Modern college of engineering	7507382497	ARTIFICIAL INTELLIGENT MULTI- METER	
2	Priyanka Bhosale, Vedant Wankhede, Vidyadhar shinde, puja Late	EE023	Pune Vidyarthi Griha's college of engineering and technology, pune	9545977491	SPEED CONTROL OF PERMANENT MAGNET SYNCHRONOUS MOTOR	—
3	Shon Chaudhari, Omkar Katore, Pranav Salvi, Gautam Vikhe	EE026	PVG'S Coet	9511249425	AUTOMATION IN AGRICULTURAL PROCESSES	
4	kamble vijaykumar, gorde gajanan, lahade amar.	EE044	jspm's bsioir wagholi,pune.	7507181626, 9763000000	MICROCONTROLLER BASED IRRIGATION SYSTEM	
5	Nagawade Gouri Sharadchandra, Nande Shridevi Navanath, Mehetre Pratap.	EE045	JSPM BSIOTR - Wagholi,pune	9657669945	MAGANETIC REPULSION PISTON ENGINE	—

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(pay)

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
6	Rupali, pooja , trupti, pooja	EE040	Met bkc	9689642990	IIT BASED TRANSFORMER AND INDICATION MOTOR PARAMETER MONITORING	_____
7	Shubham Patil, Pranav Kumbhar, Mrunali Mehta, Prachi Jadhav	EE065	Pillai Hoc college of engineering and technology	8390312184	HEAD GESTURE CONTROLLED WHEELCHAIR (SMP^2)	_____
8	BADGUJAR KHUSHAL, BHOR KAILAS, PANCHAL SWAPNIL	EE068	D.Y.PATIL, COLLEGE OF ENGINEERING, AMBI, PUNE	8793432923	MINI CNC PLOTTER	_____
9	SANGMESHVAR Panchakshri,Laxman ghorpade, Kanchan sankhe	EE076	Jspm bsiotr wagholi, Pune	9405002539	SMART SECURITY SYSTEM FOR BIKE RIDERS	Sangam Danale 1-
10	Nikita bondre, shubham mahajan, shivani daigavane	EE081	Marathwada mitramandal's college of engineering, pune	7218018129 9309900000 451	SMARTLY CONTROLLED MULTIPURPOSE DOZER	Nikita Jan Shudavia
11	Akshay Chaitkani Sagar guwale (Aniket harshbadi) _____ Shubhanjay Baroli	EE073	W.M. COE	7776016943		Aniket Sagar Baroli

Coordinator

Total: 06

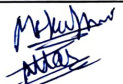
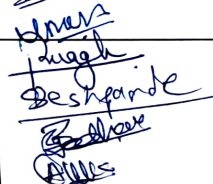
STATE LEVEL PROJECT COMPETITION 2K19

Department of Electrical Engineering ,MMCOE
IEEE PES-IAS Chapter &
Young Professional Afinity Group (IEEE Pune Section)

Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Tejasvini gawali, mandar Kulkarni, tamanna attar, umair mulia	EE012	Aissms coe pune	9130322702	DC TRANSFORMER	
2	Pranjal Uttam Wagh, Akshay Anandrao Jadhav, Chaitanya Sunil Deshpande, Akshay Maruti Kengale	EE018	PVG's college of Engineering and Technology, Pune-09	8308325708	ADVANCED METERING INFRASTRUCTURE	
3	Rahul Vadinkar, Aditya Jadhav, Rusikesh Chavan, Amol Jadhav	EE028	Sandip Institute of Engineering and Management, Nashik	7020913300	AUTOMATIC LOAD BALANCING AT DISTRIBUTION POLE	_____
4	Kirti Mundada, Akshay Barhate, Bhargavi Kulkarni	EE046	Jspm's BSIOTR, Wagholi	8484885899	SMART INTERNET OF THINGS BASED AUTOMATIC POWER FACTOR CONTROL	_____
5	Rahul Ugalmugale, Tushar Padekar, Shailesh-Sanap, Abhishek Sanap	EE037	R.H.Sapat college of Engineering, Nashik	8379970592	ELECTROSTATIC PRECIPITATOR	_____

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
6	Shruti Ravindra Joglekar	EE039	G.E.S R.H.Sapat college of engineering	7249019438	SATURATION CORE BASED (FCL)	<i>[Signature]</i>
7	Nitin Biradar, Kamal Gavhane, Rupali Ghule	EE056	MMCOE, Karvenagar	7387012931	OPEN CIRCUIT AND SHORT CIRCUIT TEST ON TRANSFORMER BY USING ARDUINO UNO	<i>[Signature]</i>
8	Sankalp Bhosale , Chandrashekhar sonar, Ganesh Kale, Chandrashekhar Sonar	EE058	Marathwada Mitra Mandals college of Engineering	9422483667	DYNAMIC VOLTAGE RESTORER	<i>[Signature]</i> sonar Bhosale
9	Madhuri Hembade, Anita jadhav, Kavita gunjal	EE077	JSPM'S BSIOTR,wagholi	7263827362	FIRE EXTINGUISHER USING SOUND WAVES	<i>[Signature]</i> Anshu Khalas

Total : 06

[Signature]
(Co-ordinator)

Ground

STATE LEVEL PROJECT COMPETITION 2K19
 Department of Electrical Engineering ,MMCOE
 IEEE PES-IAS Chapter &
 Young Professional Afinity Group (IEEE Pune Section)

Day: Thursday**Registration Sheet****Date: 4th April 2019**

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
✓ 1	Ketan Maske, Mukesh Patil, Dhiraj Pradhan	EE016	AISSMS College Of Engineering, Pune	8552035111	A HYBRID SOLAR WIND GENERATION SYSTEM USING AIR TURBULENCE CREATED BY VEHICLES ON HIGHWAYS	<u>W.P.S.</u> <u>M.Patil</u> <u>Pradhan</u>
2	Prajakta Mhatre, Sarita Kamble, Ashwini Shirke	EE059	Zeal college of engineering and research madhe, pune	7744847343, 8999517137, 9607626119	ELECTRIC BIKE	—
✓ 3	Avdhoot Gode, Swapnil Kharate, Ruturaj Bokil	EE078	AISSMS Institute of Information Technology, Pune	8983131018, 9822914464, 9420597012	DESIGN AND CONTROL OF ELECIC BICYCLE	<u>R.G.</u>

Total: 02

Group
(Co-ordinator)


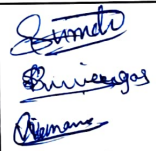
STATE LEVEL PROJECT COMPETITION 2K19
 Department of Electrical Engineering ,MMCOE
 IEEE PES-IAS Chapter &
 Young Professional Afinity Group (IEEE Pune Section)

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Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Vardan Saxena, Alok Ghodke, Rihan Gavandi, Nikhil Karale	EE024	PVG's College of Engineering & Technology, Pune	9011034332	EVALUATION OF PARAMETERS DURING MOTORING AND REGENERATIVE BRAKING OF BLDC MOTOR FOR USE IN ELECTRIC VEHICLES	
2	Aakash N Kotkar, Mrunali M Kokate, Najmin S Inamdar, Nitesh G Patil	EE066	Pillai Hoc College of Engineering & Technology, rasayani	8419978898, 9082627604, 9145053425, 9763737113	SMART GREEN HOUSE USING IOT	—
3	Vikas Nemane , Suruchi Sinha. Sayali Mungase	EE071	PVG's COET Pune	8237883273	IMPLEMENTATION OF LOAD FORECASTING SYSTEM USING ARTIFICIAL NEURAL NETWORK	

Total: 02

[Handwritten Signature]
Co-ordinator

106-A

STATE LEVEL PROJECT COMPETITION 2K19

Department of Electrical Engineering ,MMCOE
IEEE PES-IAS Chapter &
Young Professional Afinity Group (IEEE Pune Section)

Day: Thursday

Registration Sheet

Date: 4th April 2019

Sr. No.	Name of the Students (Group Members)	Group Number	Name of College	Mobile Number	Title of the Project	Signature
1	Yash Gupta , Mayur Chavan , Harshal Akole	EE011	Sandip Foundation's, Sandip Institute Of Engineering & Management Nashik	9823567858	MYH 6IN1 SMART SOCKET	<i>Yash Gupta</i> <i>Mayur Chavan</i> <i>Harshal Akole</i>
2	AISHWARYA GORE, ARJUN MANDAVKAR, AVINASH MAYKAR, MIHIR PAYGUDE	EE021	PVG'S COET, PUNE	9325073974	SMART WASTE SEGREGATION SYSTEM USING IOT	<i>Aishwarya Gore</i> <i>Arjun Mandavkar</i> <i>Avinash Maykar</i> <i>Mihir Paygude</i>
3	CHETAN UTTAM SURWADE, SASANGHARSHNGHARSH KAMLAKAR SURWASE, RAHUL GOVIND WARKAD	EE050	Jspm's Bsiotr Wagholi pune	8600110426	SMART TROLLEY SYSTEM USING RFID	<i>Chetan Uttam</i> <i>Sasangharsh</i> <i>Rahul Warkad</i>
4	<i>Cancel</i> Runesh Kansara, Sahil Pate, Chetana Yeola.	EE027	Sandip Institute of Engineering and Management, Nashik	8698666820	ROBOTIC ARTHROPOD SURVEILLANCE SYSTEM	_____
5	Tanvi Gondse NIHAR MANISH KAMBLE Mithulesh Kharche Aditya Barasakar	EE032	AISSMS College of Engineering Pune	+917387471213	INDEPENDENT SMART POLE	<i>Tanvi Gondse</i> <i>Nihar Manish Kamble</i> <i>Mithulesh Kharche</i> <i>Aditya Barasakar</i>

Ashwika
 Ashwika
 Pooja
 Pooja
 Pooja
 Pooja

6	KOMAL POPAT JAGDALE, AMIT SATYANARAYAN LOHIYA, OMKAR RAJARAM PURANE, NEEL KISHOR BHARAMBE	EE052	MMCOE	7745869290, 8482973036, 8830163281,9021066 558	DECISION MAKING SENSOR TO MONITOR ENERGY FLOW IN SMART GRID	<i>[Handwritten signatures]</i>
7	Akshay Bharambe, Kshitija Patil, Prerana Patil, Pranit Nimkar, Srushant Wankhede	EE035	AISSMS IOIT, Pune	8805200343, 8788909879	DESIGN AND IMPLEMENTATION OF ENERGY MONITORING AND MANAGEMENT SCHEME AT AISSMS IOIT, PUNE	<i>[Handwritten signatures]</i>
8	Vaishnavi Deshpande , , Anuradha patil , susmita pawar , Shubham hatwar	EE053	MMCOE	9834251325, 7387863031, 9028071600, 9405687776	WIRELESS ELECTRIC CAR CHARGING	<i>[Handwritten signatures]</i>
9	<i>Shoaib Khan</i> Shoaib khan +3 <i>Aditya Ahire</i>	EE036	R. H. Sapat college of engineering management and research	8087232219	ELECTROSTATIC SPREYAR	<i>[Handwritten signatures]</i>
10	SANDESH, Priti, Anjali, parikshit	EE054	MMCOE	7745880025	BABY INCUBATION SYSTEM	<i>[Handwritten signatures]</i>
11	Ravindra sirsath. Suraj korade. Prasad Potdar. Shubham Jadhav	EE057	MMCOE PUNE	9049385841	DISASTER MANAGEMENT IN RAILWAY AND ENERGY SAVING	<i>[Handwritten signatures]</i>

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Co-ordinators

[Handwritten signature] : 10

12	Ashwini Gaikwad, Pooja jambhale, Pooja Kokate	EE061	PES'S Modern college of engg pune	9146617029	COST EFFECTIVE SOLUTION FOR HYBRID VEHICLES USING HUB MOTOR	Rishity Pratik Arbha Kokate
cancel 13	Prathamesh chungadi, karan thakur, tejas thange, arbaaz shaikh	EE067	Pillai HOC College Of Engineering and Technology	9869221391, 8485852751, 8149789897,	REGENERATIVE BIKE	—
cancel 14	Prasad G. Pathak Dnyaneshwar T. Panzade Mansi R. shastri	EE075	Bhivarabai Sawant Institute of Technology & Research	7709523351 9049237000	FAULT MONITORING OF SOLAR PANELS USING WI-FI	—

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Page 2/

Total: ~~08~~ 11

(10+01)

[Signature]
Coordinator

DATE: 03/04/2019

SUBMITTED:

SUB: Permission to approve budget to conduct Workshop on "Applications of Power Electronics" for the subject Audit Course IV for TE Electrical Students.

Respected Sir,

The Electrical Department is conducting a workshop on " Applications of Power Electronics "for TE Electrical students for the subject Audit Course IV on 8th April 2019. The workshop will start at 9.30 am on 8th April 2019. Mr. Aranake , (Professor ,Consultant , Sunay Enterprises Shivane) is going to take an expert lecture on " **Design and build of low cost DC to DC converters for power electronic application (Buck, Boost ,Buck – Boost Converter)**" for two hours (in one sessions) for the same.

Remuneration for expert lecture will be Rs. 2500/- (Rs 2000/- Remuneration+ Rs. 500/- Travel allowance) as per our college norms.

Since the workshop will start at 9.30 am, we wish to give students breakfast and tea. The amount required for breakfast is 1500/-

I kindly request you to sanction amount of 4000/- for the same.



Mrs. S.A. Upasani
Workshop Co-ordinator
Electrical Department



Dr. V. N. Gohokar
HOD
Electrical Department

To,
Principal
MMCOE, Karve Nagar
Pune-52.

*Permitted
- sides start*

*5000
1017*

*File No: - 28
10/04/19*



‘विश्वे जगन्नाथे नमः ।’

MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING

KARVENAGAR PUNE-52

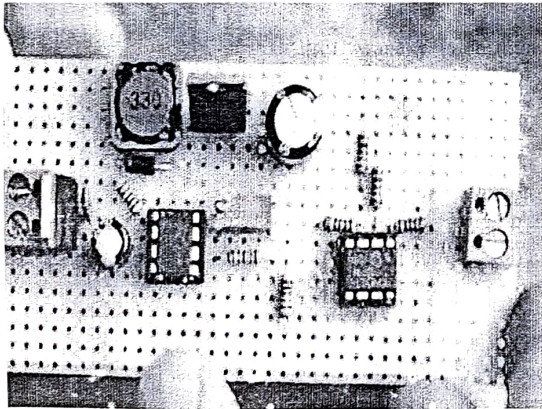
Accredited with 'A' grade by NAAC

DEPARTMENT OF ELECTRICAL ENGINEERING

PRESENTS

Workshop On

“Application of Power Electronics”



Friday 8th April 2019

KEY OBJECTIVES:

After completion of the course student should be able to:

Sr. No	Content	PO and PSO Mapping
1	Understand working principle of step down and step up chopper (Buck – Boost Converter) with R-L load	PO12 -1 PSO1-1
2	Explain performance parameters of DC to DC converters –buck, boost , buck-boost	PO12-1 PSO1-1
3	Simulate of DC to DC converters using Matlab	PO12 – 1 PSO1 -2
4	Build DC to DC boost converter. (5 to 15 V, 0.5 Amp)	PO 9-2 PO12 - 1 PSO1 – 3

CONTRIBUTORS:

1. Prof. Aranake (Consultant in Design of Power Electronics Circuit)
2. Prof. S.A.Upasani (AP MMCOE)
3. Prof. Christina Thottan (AP MMCOE)

SCHEDULE:

Day 1 Monday , 8/04/2019

- 9.30 to 10.00 am : Registration
10.00 to 12.00 am : Inauguration & Session 1 by Mr. Aranake
12.00 to 12.15 am : Tea Break
12.15 to 1.00 am : Session 2 . by Mrs.Christina Thottan
(Software simulation using Matlab)
01.00 to 01.45 pm : Lunch Break
01.45 to 03.45 pm : Session 3 , by S.A.Upasani (Hands on Session)

Day 2 Tuesday , 09/04/2019

Industrial visit at Chetan Electricals, Shivane

Marathwada Mitra Mandal's
College of Engineering
 Electrical Engineering Department

Workshop on Applications of Power Electronics

Date: 08/04/2019

Day: Monday

Sr. No.	Name of the Student	Session 1	Session 2	Session 3
1	AAFAQ AHMAD BHAT	Aafaq	Aafaq	Aafaq
2	AMIT KUMAR GUPTA	Amit	Amit	Amit
3	ANMULWAD SHYAM SAMBHAJI	Anmulwad	Anmulwad	Anmulwad
4	ARMAL VISHAL SUDHAKAR	Armal	Armal	Armal
5	AWASTHI AKSHAY DHANANJAY	Akshay	Akshay	Akshay
6	BARI SHUBHAM VASUDEV	Shubham	Shubham	Shubham
7	BHALKARE CHETAN NARAYAN	Chetan	Chetan	Chetan
8	BODKE PRANAV SANJAY	Pranav	Pranav	Pranav
9	BUDDAWAR VAIBHAV NARSIMLU	Vaibhav	Vaibhav	Vaibhav
10	CHOUGULE KUNAL SUJEET	Kunal	Kunal	Kunal
11	DAVANE MONIKA ANKUSH	Monika	Monika	Monika
12	DESHMANE MEGHA ABASO	Megha	Megha	Megha
13	GAME KARTIK RAJENDRA	Kartik	Kartik	Kartik
14	GAURI KULKARNI	Gauri	Gauri	Gauri
15	GAVHANE SHUBHAM KISAN	Shubham	Shubham	Shubham
16	HUKKERIKAR SIDDHI SANJEEV	Siddhi	Siddhi	Siddhi
17	JADHAV CHETAN NANASAHEB	Chetan	Chetan	Chetan
18	JOSHI PRADNYA ANIL	Pradnya	Pradnya	Pradnya
19	KAGDE PALLAVI BHARAT	Pallavi	Pallavi	Pallavi
20	KAPADANE AASHISH MUKUNDRAO	Aashish	Aashish	Aashish
21	KAWALE CHHAYENDRA VISHNU	Chhayendra	Chhayendra	Chhayendra
22	KULKARNI MRUNAL DATTATRAYA	Mrunal	Mrunal	Mrunal
23	MALI SAMEEKSHA UMESH	Sameeksha	Sameeksha	Sameeksha
24	MARATHE YASH UDAY	Yash	Yash	Yash
25	MESHARAM RAHUL DAMODHAR	Rahul	Rahul	Rahul
26	MORKHANDE AVINASH SANGRAM	Avinash	Avinash	Avinash
27	NAIKAWADI NIKHIL PRADIP	Nikhil	Nikhil	Nikhil

28	NANAWARE ASHUTOSH GOVIND			
29	NARWADE MANISHA DEVRAO	<i>Narwade</i>	<i>Narwade</i>	<i>Narwade</i>
30	NAYKAWDI YOGESH ASHOK MEERA			
31	NEMADE RISHIKESH RAJENDRA VANDANA	<i>Nemad</i>	<i>Nemad</i>	
32	PADOLE AISHWARYA SHIVANANDRAO	<i>Padole</i>	<i>Padole</i>	
33	PADOLE VAISHNAVI NILKANTH	<i>Padole</i>	<i>Padole</i>	
34	PALASH SANJAY BOBADE	<i>Palash</i>	<i>Palash</i>	<i>Palash</i>
35	PATIL PRITI VIJAY			
36	PATIL ROHAN GOPAL			
37	PATIL URVESH SUBHASH	<i>Patil</i>	<i>Patil</i>	<i>Patil</i>
38	PIMPARKAR POOJA HEMRAJ	<i>Pimparkar</i>	<i>Pooja</i>	
39	PRADEEP BABU KUTE			
40	PRIYA SANJAY MORE	<i>Prmore</i>	<i>Prmore</i>	
41	RAIPATREWAR AKANKSHA NITINRAO	<i>Raipatrewar</i>	<i>Raipatrewar</i>	
42	RAJE PRAJAKTA DHANANJAY	<i>P.D. Raje</i>	<i>P.D. Raje</i>	<i>P.D. Raje</i>
43	RAMOSHI JYOTI BHAGWAT	<i>Ramoshi</i>	<i>Ramoshi</i>	
44	RUTVIK CHINCHMALATPURE	<i>Rutvik</i>	<i>Rutvik</i>	<i>Rutvik</i>
45	SALUNKHE PRASAD BABASAHEB	<i>Prasad</i>	<i>Prasad</i>	<i>Prasad</i>
46	SANKPAL ROHAN UTTAM	<i>Sankpal</i>	<i>Sankpal</i>	<i>Sankpal</i>
47	SANYOG CHAMLATE NISHA	<i>Sanyog</i>	<i>Sanyog</i>	
48	SARWADE PRATIKSHA SHAHURAM	<i>Sarwade</i>	<i>Sarwade</i>	<i>Sarwade</i>
49	SHAIKH SAMEER SHAHADAT			
50	SHINDE OMKAR ASHOK	<i>Shinde</i>	<i>Shinde</i>	<i>Shinde</i>
51	SHIRKE ASHISH GAJANAN	<i>Shirke</i>	<i>Shirke</i>	<i>Shirke</i>
52	SHIVAM R CHAUBEY	<i>Shivam</i>	<i>Shivam</i>	
53	SUTHAR DEEPAK JIVARAM	<i>Suthar</i>	<i>Suthar</i>	<i>Suthar</i>
54	THAKARE KANCHAN RAVINDRA	<i>Thakare</i>	<i>Thakare</i>	
55	WAGHMARE MRUNALI BHAGVAN	<i>Waghmare M.B</i>	<i>Waghmare M.B</i>	<i>Waghmare M.B</i>
56	WAGHMARE SHAKUNTALA SHIVAJI			

State Level Project Competition & Paper Presentation Techno2K19 event for 2 days

**MarathawadaMitra Mandal's
College of Engineering**
Karvenagar, Pune
*Permanently affiliated to SPPU Accredited with 'A' Grade by NAAC
'Best College award in 2018-19 by SPPU*

Department of Electronics and Telecommunication

**“TECHNO2K19”
Project Competition and Paper Presentation
Under IETE student forum (ISF)
29th and 30th March 2019**

Report

Department of Electronics and Telecommunication organized State Level “Project Competition and Paper Presentation TECHNO 2K19” event under IETE student forum (ISF). The objective of this event is to offer the final year undergraduate students, an opportunity to showcase their ideas and improve the technical skills. Throughout an engineer’s career, he/she will be constantly called upon to communicate ideas to others. The workshop was a platform provided to students to showcase their ideas. In this event final year students presented paper based on their BE-projects technical topics such as IOT, PLC, Embedded, etc. TE and BE students also presented their project work. Judges evaluated their mini-project and BE project work based on various criteria like, technical accuracy, grasp of subject etc. Students were judged by external professors: Prof. Dr. Ms. S. S. Deshpande, Prof. Dr. V. V. Gohokar and Prof. V. B. Baru, Industry Experts: Mr. Jitendra Kanitkar, Mr. Avinash Magdum and Mr. Chetan Shinde (Alumni), Inter Department Faculty members : Dr. S. M. Chaware, Dr. V. S. Bidve, Dr. M. R. Taramble, Dr. P. S. Purandare etc. and E & TC faculty members.

In this event total 317 students participated along with 15 faculty members and 7 non-teaching staff.

Project Competition:

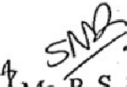
All BE students with around 38 MMCOE groups and 15 groups from outside Engineering Colleges participated in Project Competition held on 29th March 2019. 41 internal groups of all TE students and 11 outside engineering colleges groups including diploma college presented their Mini project on 30th March 2019.

Paper Presentation and Publication:

The guidance on paper writing was given by Dr. Ashutosh Marathe on 18th February 2019 through his guest lecture on “How to Write a Journal Paper” to all BE students. Students prepared their paper on respective project topics and presented in Techno2k19 successfully with the help of all internal guides in E&Tc department.

All 41 papers presented in the event are published in International Journal of Research and Analytical Reviews (IJRAR), a UGC approved journal with E-ISSN 2348-1269, P-ISSN 2349-5138 as 50th year celebration MMCOE special issue. 38 papers were presented in classrooms and 3 papers were presented on SKYPE for outside Pune participants.

It was rightly initiated and encouraged by Principal, Dr. S. M. Deshpande and HOD, Mrs. P. S. Sawant. Techno2k19-state level competition proved to be a great success event by Department of E&Tc.


Ms. P. S. Sawant
HOD - E&TC

Two day workshop on "Arduino Interfacing"

"Celebrating 50 years of Academic Excellence"

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Karvenagar, PUNE-411052

Accredited with 'A' Grade by NAAC

Department of Electronics & Telecommunication Engineering

A Report on

"Hands-on Workshop on Arduino Interfacing"

On 8th and 9th Feb. 2019

Centre of Excellence (COE), Department of E&TC Engineering and ROBOCON Team Rudra coordinated and conducted a two-day Workshop on "Hands on - Arduino Interfacing". Ms. S. A. Joshi (Asst. Prof. Dept of E & TC Engg), Ms. Disha N. Parkhi (Asst. Prof. Dept of E & TC Engg), Mr. V. B. Salve (Asst. Prof. Dept of E & TC Engg) and Team Rudra ROBOCON, MMCOE, Pune have conducted the workshop. Extensive hands-on training sessions on interfacing different kinds of sensor and actuators with Arduino Uno board and programming for the interfacing on Arduino IDE were conducted. Ms. Priya Sawant, HOD-E&TC encouraged the students to acquire industry-relevant skills in trending domains. COE coordinator, Ms. A. P. Thakur encouraged participants to learn interdisciplinary relevance of Arduino. 2 faculty and 60 students participated in the workshop.

The Workshop was attended by most of the Students from SE AND TE accounting for over 99 percent of the total students.

The Workshop was first started with an introduction to Arduino and its types and applications i.e the overall view of Arduino was given to the students. Then the students were explained with Arduino IDE(programming and syntax). They were then taught how to deal with serial monitor. On the first day interfacing of following sensors with Arduino Uno was conducted in this workshop:

- IR
- Lm35
- Ultrasonic
- DHT11
- LDR

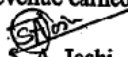
On the second day actuators, interfacing with Arduino was conducted. The actuators were:

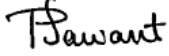
- DC motors
- relay,
- dot matrix

How to control actuators using a relay with their applications and working in detail was also the part of the second-day session. In the afternoon session of second-day participants were given small Projects. Overall feedback from participants was positive and encouraging.

REVENUE EARNED:

Total revenue earned: 16000 Rs.


Ms. S. A. Joshi
Workshop Coordinator


Ms. P. S. Sawant
HOD(E&TC)

3 Days workshop on “ Machine Learning using Python”

Marathwada Mitra Mandal
COLLEGE OF ENGINEERING
S. No.18, Plot No.5/3, Karvenag
Accredited with 'A' Grade
Pune - 411 052
NAAC

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Academic Year: 2018-19 (Sem – II)

Event Name: Workshop on Machine Learning using Python

Event Date: 28th-30th January 2019

Venue: Department of E&TC Engineering, MMCOE


Three Day workshop on **Machine Learning using Python** was organized by department of Electronics & Telecommunication Engineering, Marathwada Mitra Mandal's College of Engineering, Pune in association with ISTE Student Chapter.

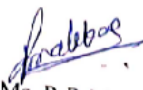
The objective of the workshop was to give Hands-on experience in Python programming for Machine Learning to build the confidence among students and motivate them to work on recent technologies. The workshop was conducted by Mr. Tushar B. Kute, an experienced professional, COEP alumni and Data Scientist and founder at MITu Skilllogies, Pune. The session was inaugurated by Ms. Priya S. Sawant, HOD- E&Tc and Ms. Swati N. Deshmukh, Dean Academics.

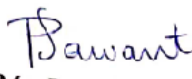
The workshop started with basics of Python and elevated to advanced algorithms in machine learning. Many important concepts from machine learning like linear regression, Support vector machine, Classification etc. were covered through programming. It was a very informative session providing actual practical knowledge about machine learning and its applications.

There was enthusiastic support and participation from the students not only from B.E. but also from T.E. & S.E. Many interested faculty members from department as well as other departments also attended the session. The participants were very overwhelmed by efficient subject matter delivery the enthusiasm of the resource person.

The event was coordinated by Ms. H.N.Burande and Ms. S.S. Tavse. Team of Final year student volunteers- Rushikesh Ramdasi, Aishwarya Zade and Vishakha Phirke took efforts to make the event successful. Total 45 students participated in the Hands-on Training. The overall event was well coordinated and neatly planned. Such kind of events must be conducted more often on campus in order to achieve overall skill development of students.


Ms. S.S. Tavse, Ms. H. N. Burande
Workshop Coordinator


Ms. R.R. Malekar
ISTE Coordinator


Ms. P. S. Sawant
HOD-E&TC

PO: 1,2,4,5; CO:1,2,3

NAAC File No: 31, 50

Two-day Faculty Orientation Workshop on “Revised Syllabus for the subject Mobile communication”

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Karvenagar, PUNE-411052
Accredited with 'A' grade by NAAC
Department of Electronics & Telecommunication Engineering

A Report

on

**“Two Days Faculty Orientation Workshop on Mobile Communication in Association
with BoS (Electronics/E&TC), SPPU, Pune”**

Date: 13th and 14th December 2018

Department of Electronics & Telecommunication Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, has organized two days Faculty Orientation Workshop on “Mobile Communication” on 13th and 14th December 2018. Ms. P. S. Sawant, HoD (E&Tc), MMCOE briefed about the workshop and expressed her appreciation and gratitude to BoS (Electronics) for continuously upgrading the syllabus towards the inclusion of more industry relevant and trending technologies. Dr. S. M. Deshpande, Principal, MMCOE said that the Industrial visits relevant to the subject should be arranged during the faculty orientation workshops. Dr. D. S. Bormane, Chairman, BoS (Electronics), SPPU insisted on conduction of industry expert lectures. Structure and syllabus overview was presented by Dr. G. R. Patil, Subject Coordinator (Mobile Communication). Ms. Priya S. Sawant (MMCOE), Ms. R. G. Purandare (VIIT), Dr. Ashok R. Khedkar (CCOEW), Dr. Surekha K. S. (AIT), Dr. M. M. Jadhav (SCOE), Dr. Kalyani J. Kulkarni (PVGCOET) conducted expert sessions.

Total 60 participants have enthusiastically participated in this Faculty Orientation workshop. Coordination of the workshop was done by Ms. M. R. Pangaonkar and Ms. R. R. Malekar.

Coordinator
Ms.M. R. Pangaonkar
Ms. R. R. Malekar

mpangaonkar
R.R. Malekar

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

Hands on workshop on Machine Learning

Marathawada Mitra Mandal's
College of Engineering
Karvenagar ,Pune
Department of Electronics and Telecommunication
Event Report

“Hands on Workshop on Machine Learning ”

6th October 2018

Report

Department of Electronics and Telecommunication organized Technical Event “Hands on Workshop on Machine Learning”. The objective of this event was to offer the undergraduate students an opportunity to create awareness about Machine Learning, Deep Learning, and Neural Networks. Ms. Kirti Bihade, ML/DL Engineer from Infogen Labs. Pvt. Ltd, Pune has conducted the workshop. Data analytic by using Anaconda and Python by using Jupiter soft wares demonstrated in the workshop.

Questionnaire was asked to students in which Nihar Chandorkar BE E&TC(1st winner), Yashraj Hawale BE E&TC(2nd winner) winners were declared. The event was brainchild of Prof. Mrs. Priya Sawant A wide publicity was campaigned via emails to all students of MMCOE and also awareness lecture was conducted for BE students. Faculties and 22 students participated proactively.





Ms. S. J. Koparde

Co-ordinator

Technical Committee

Mrs. H. N. Burande

Functional HEAD

Technical Committee

Mrs. P. S. Sawant

HEAD

Dept. Of E&TC

Two days workshop on "Internet of Things: Towards a Smart Future 2K18"

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Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
S.No.18, Plot No. 5/3, Karvenagar, PUNE-411052

Department of Electronics & Telecommunication Engineering
Accredited with 'A' Grade by NAAC

A Report on

Two Days Workshop on 'Internet of Things: Towards a Smart future 2K18'
Under ISTE students Chapter and COE, Dept. of E & TC Engineering, MMCOE, Pune-52

Department of Electronics and Telecommunication Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, has conducted a Two Days Workshop on 'Internet of Things: Towards a Smart future 2K18', under ISTE Students Chapter and Centre of Excellence, Dept. of E & TC Engineering, MMCOE, Pune on 21st & 22nd September 2018 in association with Pantech Pro Ed, pvt ltd.

Mr. Shiva and Mr. Prabhu from Pantech ProEd, Hyderabad and E&TC Faculty, Ms. D N Parkhi & Mr. V B Salve were the Resource Persons. Participants implemented two mini projects, "Home Automation Using Raspberry Pi" and "RFID attendance monitoring using Raspberry Pi". Ms. Disha N. Parkhi and Mr. V. B. Salve, coordinator for this workshop, from E & TC Engg department, conducted hands on session on Arduino Uno and Nodemcu (IoT boards). Total 72 students of BE E&TC participated in this workshop.





WDP

Coordinator
Ms. D. N. Parkhi

Sawant

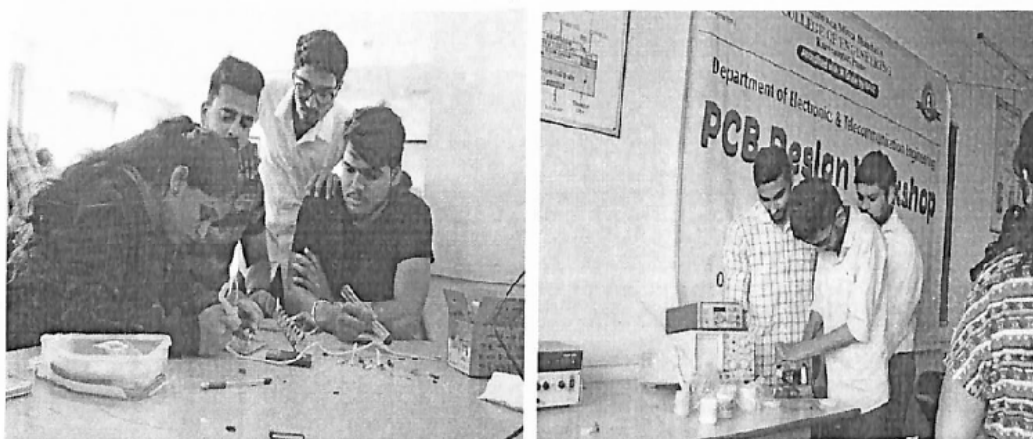
Ms. P. S. Sawant
IIEAD
Dept. of E & TC Engg.

Hands on Training on PCB Design and Development of PIC based Board

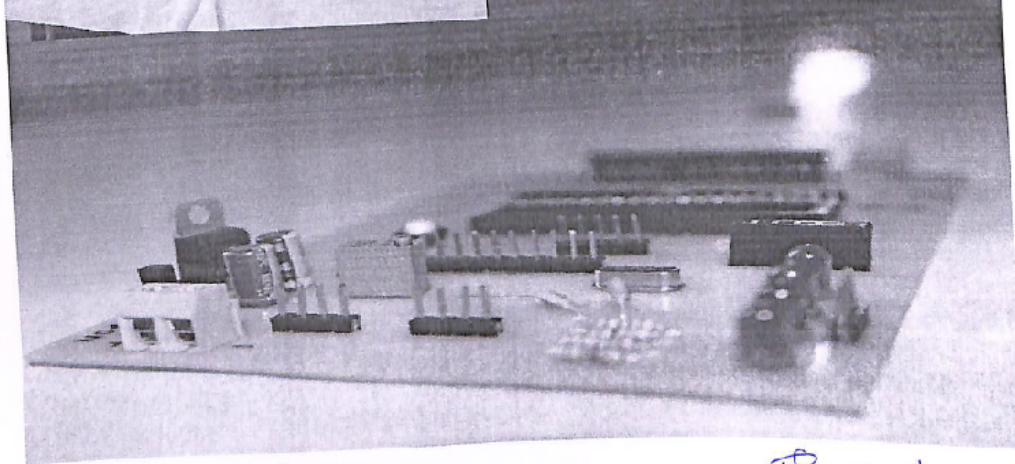
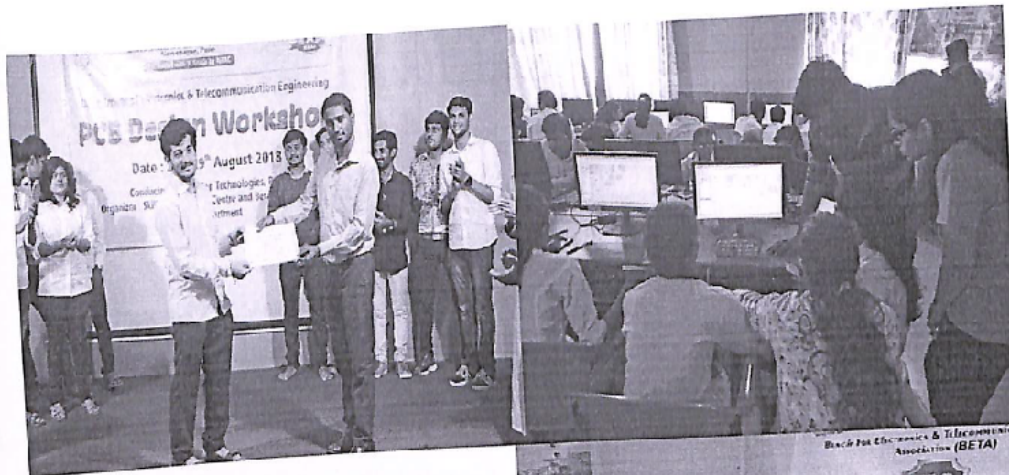
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COLLEGE OF ENGINEERING
S. No.18, Plot No.5/3, Karvenagar, PUNE - 411 052


DEPARTMENT OF E &TC ENGINEERING
Academic Year: 2018-19


Event Name: Hands on Training on PCB Design and Development of PIC based Board
Event Date: 28th, 29th August 2018
Venue: E & TC Department, MMCOE



Two Day Hands on Training on **PCB Design and Development of PIC based board** was organized by Skill Development Centre and Beta Association of E & TC Engineering on 28th, 29th August 2018 for Third Year E & TC students. The objective of the Training was to give Hands on experience in PCB Design to build the confidence among students and motivate them to work in core domain of electronics. This Training was conducted by Qualden Technologies Pvt .Ltd., Prof. Mrs. A.J. Nimbalkar (Thakur) and team of Final year students. Students created PCB layout for PIC microcontroller based board using Proteus software. Design was printed on glossy paper, transferred on clean copper clad board. Next step was etching, cleaning, removing toner, drilling. Students mounted and soldered the components on PCB, downloaded the boot loader in PIC18F microcontroller. Once the PCB board was ready for In System Programming, students interfaced LED, LCD with PIC18F. Sensor interfacing using on chip ADC, use of serial communication and role of FTDI cable for downloading Hex file was also covered. Team of volunteers Adesh Kankhar, Sujit Ghule, Chirag Borole, Hitesh Bachhav, Gaurav Sonwane, Rahul Harishchandre, Sakshi Kulkarni, Priti Pathak, Suyog Korpe took efforts to make the event successful. Total 138 students participated in the Hands on Training.




Mrs. A.J. Nimbalkar (Thakur)
 Coordinator


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

One day Faculty Orientation Workshop on Internet of Things in Association with BoS

(Electronics/ E & Tc), SPPU, Pune

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Karvenagar, PUNE-411052

Department of Electronics & Telecommunication Engineering

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A Report

on

**"One Day Faculty Orientation Workshop on Internet of Things in Association with
BoS (Electronics/E&TC), SPPU, Pune"**

Date 12th July 2018

Department of Electronics & Telecommunication Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, has organized one day Faculty Orientation Workshop on "Internet of Things" on 12th July 2018. Ms. P. S. Sawant, HoD (E&Tc), MMCOE briefed about the workshop and congratulated Board of Studies for continuously upgrading the syllabus towards the inclusion of trending and recent technologies like Internet of Things (IOT), Artificial Intelligence, Machine Learning, Electronics in Agriculture, Biomedical Electronics etc. Dr. S. M. Deshpande, Principal, MMCOE said that the subject Internet of Things is so relevant today that it has become Internet of Everything. He stressed for attention on more practical exposure in this subject; student should implement small projects in their neighbourhood to get confidence. He said that such type of current subject in the syllabus can make the students 'Industry Deployable'. Structure and syllabus overview was presented by Dr. G.R. Patil, Subject Coordinator(Internet of Things), Member BoS (Electronics), SPPU and HoD(E&Tc), AIT.

Mr. Atul Bengeri from, DELL, Pvt. Ltd., conducted the session on Applications of IoT. He guided the audience about the current job opportunities in IoT domain. He focused on need of Intelligence Quotient of Things. He specially focused on the topic of 'Smart Cities'. He has expressed his views regarding how the smart cities in India could be different than current smart cities in all over the world.

Mr. G.L. Attarde from SITRC, Nashik conducted the lab session of the workshop. Total 36 participants have enthusiastically participated in this Faculty Orientation Workshop. They got the platform to meet various researchers. Anchoring of the program was done by Ms. S.S. Tavse.

Coordinator
Ms. D. N. Parkhi
Ms. S. A. Joshi

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

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2018-19 (Sem - I)

Event Name: Five days Faculty Development Program on "Artificial Intelligence using Machine Learning and Deep Learning" (In Association E-Summit-2018, IIT-Roorkee and Finland Labs, Revert Technology Pvt. Ltd New Delhi)

Event Date: 06th June & 10th June 2018

Venue: Programming Lab, Room No 413, 4th floor

Department of Information Technology, MMCOE had organized a Five days faculty development program on "Artificial Intelligence using Machine Learning and Deep Learning" dated 06th June 2018 to 10th June 2018 in association with E-Summit-2018, IIT-Roorkee and Finland Labs, Revert Technology Pvt. Ltd New Delhi. The FDP was organized under Center of excellence of our department in Computational Intelligence.

There were total 24 participants registered for the FDP, from them total 14 participants attended the session for all five days.

Day 1: Introduction Of Deep Learning and Artificial Intelligence

Day 2: Introduction Neural Network

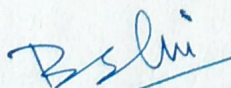
Day 3: Python

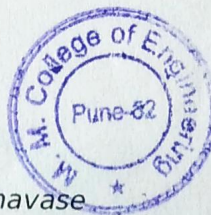
Day 4: Working on Various Python Library

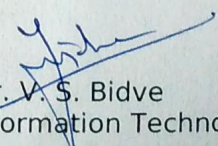
Day 5: TensorFlow

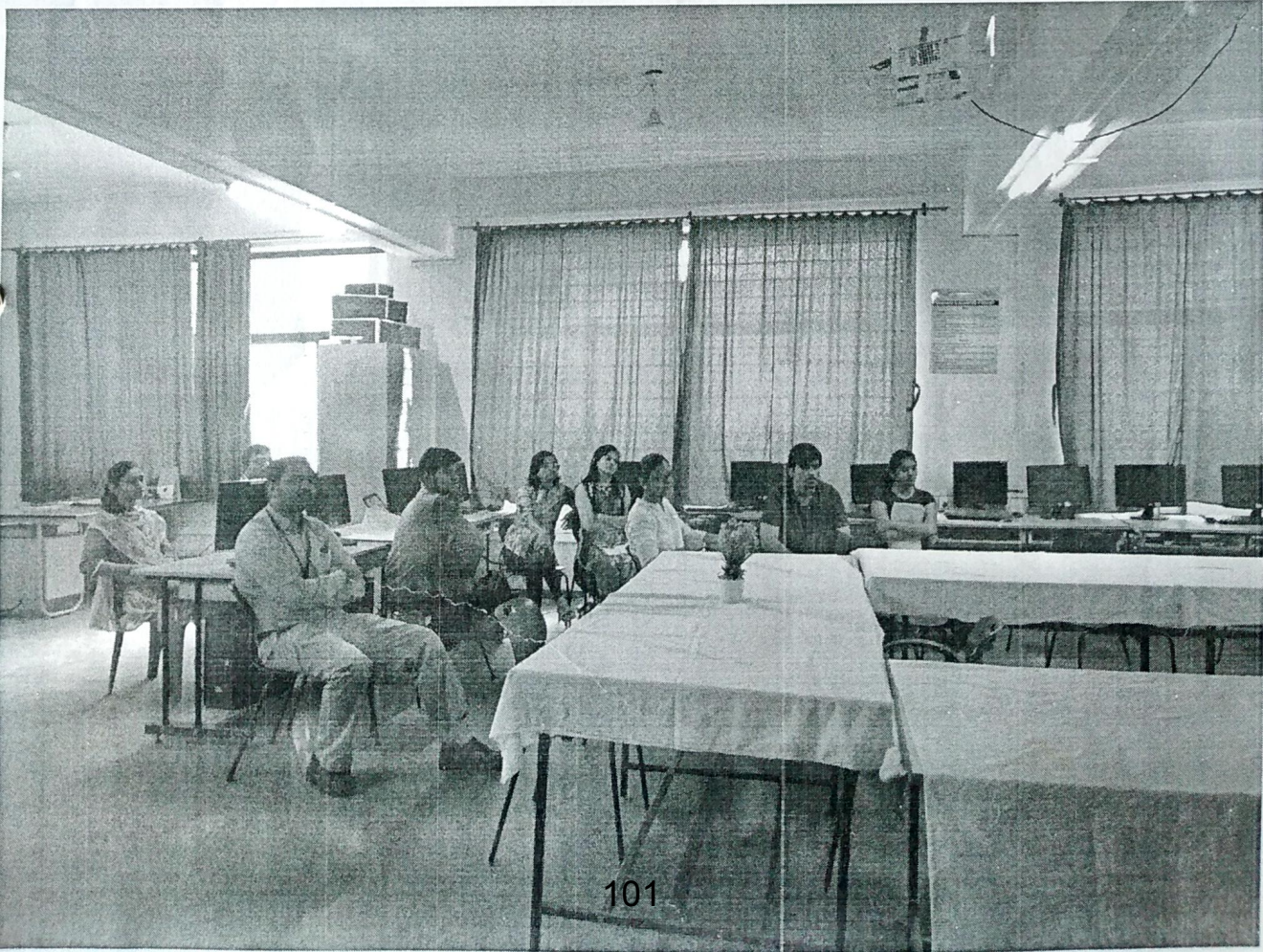
More detailed syllabus of contents covered is attached in the file.

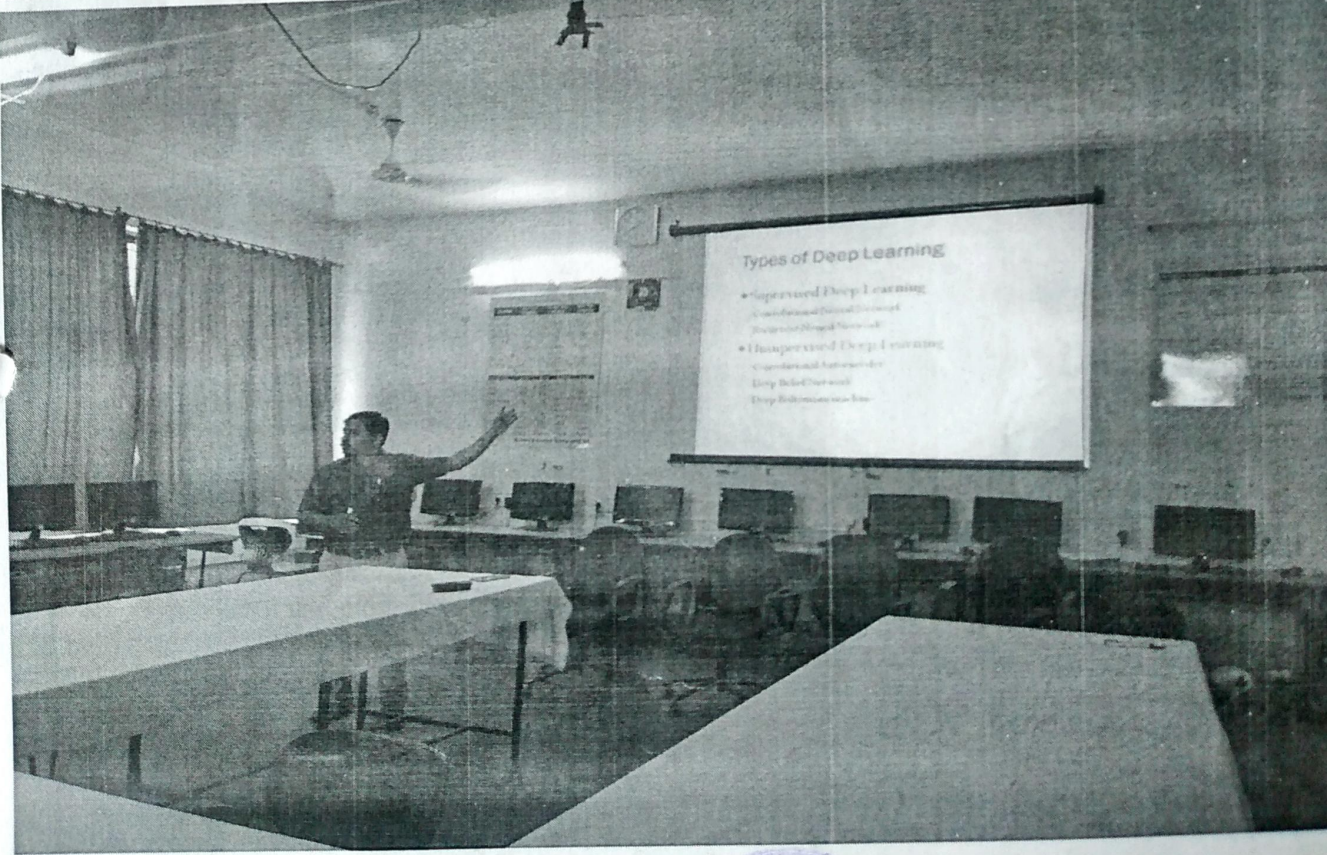
Resource person conducted the FDP were Mr. Deepak Mane, Mrs. Kirti Bihade and Ms. Rashmi Bhattad, all python libraries like numpy, panda, etc were covered into the FDP.


Mrs. Rashmi Bhattad, Mr. Nikhil Dhavase
Workshop Coordinators




Dr. V. S. Bidve
Head, Information Technology





Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
S. No.18, Plot No.5/3, Karvenagar Pune 411 052
Accredited with 'A' grade by NAAC

DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 26th May 2018

Submitted:

Subject: Permission for organizing 5-Days Faculty Development Program on "Artificial Intelligence using Machine Learning and Deep Learning" under Center of Excellence in Computational Intelligence.

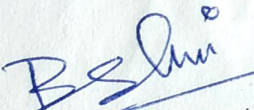
Respected Sir,

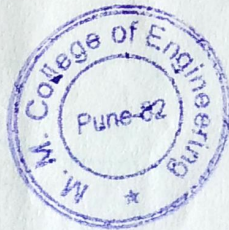
The department of Information Technology would like to organize a 5-Days Faculty Development Program on "Artificial Intelligence using Machine Learning and Deep Learning" this will be in association with IIT Roorkee and Finland Labs New Delhi under E-Summit 2018.

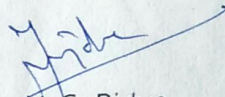
Planned dates for FDP are 06/06/2018 to 09/06/2018 and the resource persons will also be from Finland Labs.

Details of the FDP are attached herewith.

Kindly allow us to proceed with the same.


Mrs. Rashmi Bhattad
Faculty Coordinator




Dr. V. S. Bidve
HOD, IT

To
The Principal
MMCOE, Pune-52

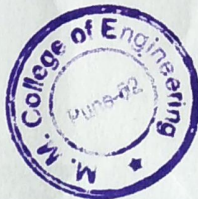
5-Days FDP Artificial Intelligence Course Contents

S.No	Topic	Sub Topic
1.	Introduction Of Deep Learning and Artificial Intelligence	Introduction of Machine Learning
		Introduction of Deep Learning
		Introduction of Artificial Intelligence
		Why machine learning
		Classification of Machine Learning
		Difference between Machine Learning and Artificial Intelligence
		Deep Learning Techniques
		Types of Learning
		Deep Learning System Design
		Supervised Learning- Regression
		Classification
		Future scope, Deep Learning And Artificial Intelligence
		2
Activation function		
The Neuron Diagram		
Neuron Models		
step function		
ramp function		
sigmoid function		
Gaussian function		
single-layer feed-forward		
multi-layer feed-forward , Recurrent, Perceptron, multilayer network, backpropagation, introduction to deep neural network		

3	Python/Anaconda	Introduction to python and anaconda
		Conditional Statements
		Looping, Control Statements
		Lists, Tuple ,Dictionaries
		String Manipulation
		Functions
		Installing Packages
		Introduction of Various Tool
		Introduction of Anaconda
		Working on spyder ,Jupyter notebook

4	Working on Various Python Library	Installing library and packages for machine learning and data science
		Matplotlib
		Scipy and Numpy
		Pandas
		IPython toolkit
		scikit-learn

5	TensorFlow	Introduction of Tensorflow
		Basics of TensorFlow
		Graph in TensorFlow
		TensorFlow Session
		Placeholders, Constants, Variables
		Common Data Stored in Tensors
		Linear and Logistic Regression in TensorFlow
		image classifier using convolutional neural network
6	Project	Machine Learning for recognizing hand written digits (MNIST dataset)
		Simple Spam-Detecting Machine Learning Classifier
		Modern Face Recognition with Deep Learning
		Case Study: Cancer Detection
		Case Study: Character Recognition
		Case Study: Iris Clustering
		Case Study: Intelligent Washing Machine Design
		Image Segmentation using deconvolution layer in Tensorflow
		Develop a predictive analytics model for a complex data set

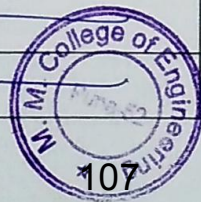


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Department of Information Technology
Faculty Development Program on
Artificial Intelligence using Machine Learning and Deep Learning
06 June 2018 to 10 June 2018

Sr No	Name of Participant	Designation	Name of the Organisation	Mobile Number	E-mail Id	Mode of Payment (CASH/NEFT)	Sign
1	Suraj P. Patil	Assistant Professor	Marathwada Mitra Mandals College of Engineering	7588279976	surajpatil@mmcoe.edu.in	CASH	
2	Prof. Yogini Chandrakant Kulkarni	Assistant Professor	Bharati Vidyapeeth (Deemed To Be University) College of Engineering, pune	9623176307	yoginikulkarni77@gmail.com	CASH	
3	Shrinivas Rajendraprasad Zanwar	Assistant Professor	CSMSS Chh Shahu College of Engineering Aurangabad	9766725039	shrinivas.zanwar@gmail.com	CASH	
4	Kaustubh Hiwarekar	Assistant Professor	Sinhgad College of Engineering	9970629091	kahiwarekar.scoe@sinhgad.edu	CASH	<i>Handwritten signature</i>
✓ 5	Santwana Gudadhe	Assistant Professor	PCCOE	8380095194	s.santwana20@gmail.com	CASH	<i>Handwritten signature</i>
✓ 6	Madhura Kalbhor	Assistant Professor	PCCOE	8408021964	kalbhornmadhura11@gmail.com	CASH	<i>Handwritten signature</i>
7	Avinash Ashok Utikar	Assistant Professor	Sinhgad College of Engineering	9823605143	aautikar.scoe@sinhgad.edu	CASH	
8	Nitin R Gavai	Assistant Professor	Sinhgad College of Engineering	9029626907	nrgavai.scoe@sinhgad.edu	CASH	<i>Handwritten signature</i>
9	MANISH R. JANSARI	Assistant Professor	PICT, PUNE	9022199009	mrjansari@pict.edu	CASH	
10	Prof. Rahul B. Diwate	Assistant Professor	APCOER	8087748493	diwate.rahul@gmail.com	CASH	
✓ 11	Ms. Meghana Rupchand Solanki	Assistant Professor	D.Y.Patil Cpllege of Engineering Ambi Pune	9673625358	meghana.solanki@dyptc.edu.in	CASH	<i>Handwritten signature: M.R. Solanki</i>
12	Pallavi Phalke	Software Engineer	IBM India Private Limited	9011065749	pallavi.phalke15@gmail.com	CASH	

14	Sumit Mali	Assistant Professor	Smt. kashibai Navale college of engineering	9922583658	sumitumali@gmail.com	CASH	
15	Manish R Khodaskar	Assistant Professor	Pune Institute of Computer Technology, Pune	9822074520	manishkhodaskar2006@gmail.com	CASH	ms
✓ 16	Yash Sandeep Shete	Student	Maharashtra Institute of Technology	7972512326	sheteyash7@gmail.com	CASH	shete
✓ 17	Niharika Sadul	Student	MMCOE, Karvenagar, Pune	8983355779	nsadul@gmail.com	CASH	nsadul
18	Sachin S. Deshmukh	Assistant Professor	Prof Ram Meghe College of Engineering and Management	7620090812	sachindeshmukh24@gmail.com	CASH	
✓ 19	Salil Chincholikar	Student	MMCOE, Karvenagar, Pune	8975726182	chincholikarsalil@gmail.com	CASH	Salil
20	Madhuri Tandale	Assistant Professor	SKNCOE, Vadgaon	9975775284	madhuri.aher@gmail.com	CASH	
21	Varsha Khandekar	Assistant Professor	Smt Kashibai Navale College of Engineering pune	9011092397	varsha.khandekar@gmail.com	CASH	
22	Sudhanshu S.Gonge	Assistant Professor	Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune.	9766578019	gongesudhanshu@gmail.com	CASH	
23.	Nikki Deshpande.	Asst. Prof	SCOPE, Pune	9850036126	nhdeshpande.scoe@sinhgad.edu	CASH	
24	Yashashree A Jakhade	Asst prof	SCOPE Pune	988186216	yajakhade.scoe@sinhgad.edu	CASH	
✓ 25	Supriya Pawar	Asst. Prof.	DYPCOE, Ambi	9545032020	supriya.pawar@dypcoe.edu.in	CASH	Supriya
✓ 26	Pooja Patil	Asst. Prg	DYPCOE, Ambi	9730602220	poojak.patil@dypcoe.edu.in	CASH	Patil
✓ 27	Supriya Bhowale	Asst prof	— 11 —	9743430887	supriya.bhowale@dypcoe.edu.in	CASH	Supriya
✓ 28	Sunita Patil	Asst prof	— 11 —	9284480140	sunita.patil@dypcoe.edu.in	CASH	Patil
✓ 29	Anupkumar Bhangale	Asst prof	— 11 —	8805561092	Anup.Bhangale@dypcoe.edu.in	CASH	Anup
✓ 30	Santoshkumar Biradar	Asst Prof	— 11 —	7507227317	santosh.biradar@dypcoe.edu.in	CASH	Biradar



DEPARTMENT OF INFORMATION TECHNOLOGY

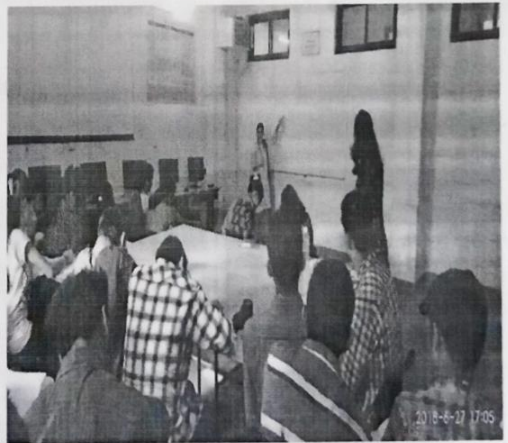
Academic Year: 2018-19 (Sem – I)

Department of Information Technology conducted 5 days hands on workshop on “C programming” for students of MMCOE coming from first year to second year IT. The workshop was conducted from 26/6/2018 to 3/7/2018 by all faculty of IT department. 48 Students participated in the workshop. Department conducted this workshop to enhance programming skills of students as C programming is the basic of all other programming languages. Based on C programming ,students have fundamentals of Data structures,Data structure and files,Computer graphics,Operating system as part of their curriculum.So, this workshop will be helpful to students to develop their technical ability.

Mr. J. R. Chavan
Asst.Professor,IT



Dr. V. S. Bidve
HOD,IT



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Theory Weekly Attendance Sheet - 2018-19 (Sem - I)

Week No.	01	Class	SE	Sub	C programming workshop
Dates	23/6/18 to 30/6/18	Dept.	IT	Faculty	

Roll No	Name of Student	Cumm. Atte Max.	Date/Time					Total
			25/6/18	27/6/18	28/6/18	29/6/18	30/6/18	
SI01	Abhyankar Sanika Suhas		4 to 5pm	4 to 5pm	4 to 5pm	4-5		
SI02	Bagalkote Shridhar Irrappa							
SI03	Barge Akash Rajendra							
SI04	Bhalerao Amruta Dhananjay							
SI05	Bhalke Sonali Sudam							
SI06	Bhavsar Gaurav Dilip							
SI07	Bimalkhedkar Prajakta Prakash							
SI08	Bisht Aman Chandansingh							
SI09	Chate Shreyas Dhananjay							
SI10	Chavan Bhakti Sanjay							
SI11	Chougule Riya Vijay							
SI12	Dayma Swaraj Omprakash							
SI13	Deshmukh Ankita Gajananrao							
SI14	Dhamal Anuja Nivarutti							
SI15	Dongare Deepti Sadanand							
SI16	Dongare Nilesh Tejrao							
SI17	Dunakhe Chinmay Chintamani							
SI18	Gonnade Aniket Ashok							
SI19	Inamdar Atharva Yogesh							
SI20	Ingole Sushil Arun							
SI21	Jadhav Deepika Mohan							
SI22	Jadhav Devyani Narendra							
SI23	Joshi Amey Mangesh							
SI24	Joshi Chaitanya Sanjeev							
SI25	Kadam Arya Suresh							
SI26	Kadam Prasad Vijaykumar							
SI27	Kadam Snehal Nathaso							
SI28	Kale Dhanashree Anil							
SI29	Kalluray Abhijeet Dilip							
SI30	Kamble Shubham Bhanudas							
SI31	Kambley Sneha Chandramani							
SI32	Karanjkar Vinay Ramkrishna							
SI33	Kondane Shubham Rahul							
SI34	Koul Divansh							
SI35	Malpani Varun Kamalnayan							
SI36	Mathwad Shivam Rajeev							
SI37	Nikas Vaibhav Sanjay							
SI38	Pacharne Rutuja Bhausaheb							
SI39	Panchal Santoshi Kashinath							

S140	Patil Pranjal Panditrao	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S141	Patil Utkarsha Shivaji	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S142	Patwari Pratiksha Nandkumar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S143	Pede Rushikesh Bhagwanrao	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S144	Raut Rucha Rajendra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S145	Rembhotkar Devika Nirranjan	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S146	Sanap Akshata Ananta	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S147	Satav Swaroop Dilip	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S148	Sawant Akash Dattatray	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S149	Sawant Shubham Dattarao	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S150	Shelke Dhruv Ravindra	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S151	Sonawane Ashish Jamrao	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S152	Sonawane Pooja Sunil	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S153	Thore Sanket Sanjay	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S154	Udare Omkar Yogesh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S155	Vetal Sakshi Vishwas	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S156	Waghmare Sanyukta Vikram	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Ishani Rode
Akash Patil

HOD

Sangana. Pesute
Krunal Patil

Sachin Kamble

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

Course Coordinator

[Signature]
[Signature]
[Signature]



DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2018-19 (Sem - I)

Event Name: *Two days workshop on "Android Apps Development" in association with Aakar IIT Bombay under TECTRADIANCE 2019.*

Event Date: 27th to 28th July 2018

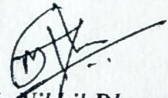
Venue: *DBMS Lab, 4th Floor, MMCOE, Pune*

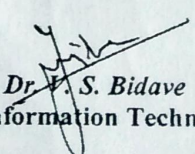
Department of Information Technology had organized Two days workshop on "Android Apps Development" in association with Aakar IIT Bombay under TECTRADIANCE 2019. Total 29 students from IT & Computer department participated in this event. Resource person for the workshop was Mr. Vaibhav Jadhav.

Following contents are covered during workshop :

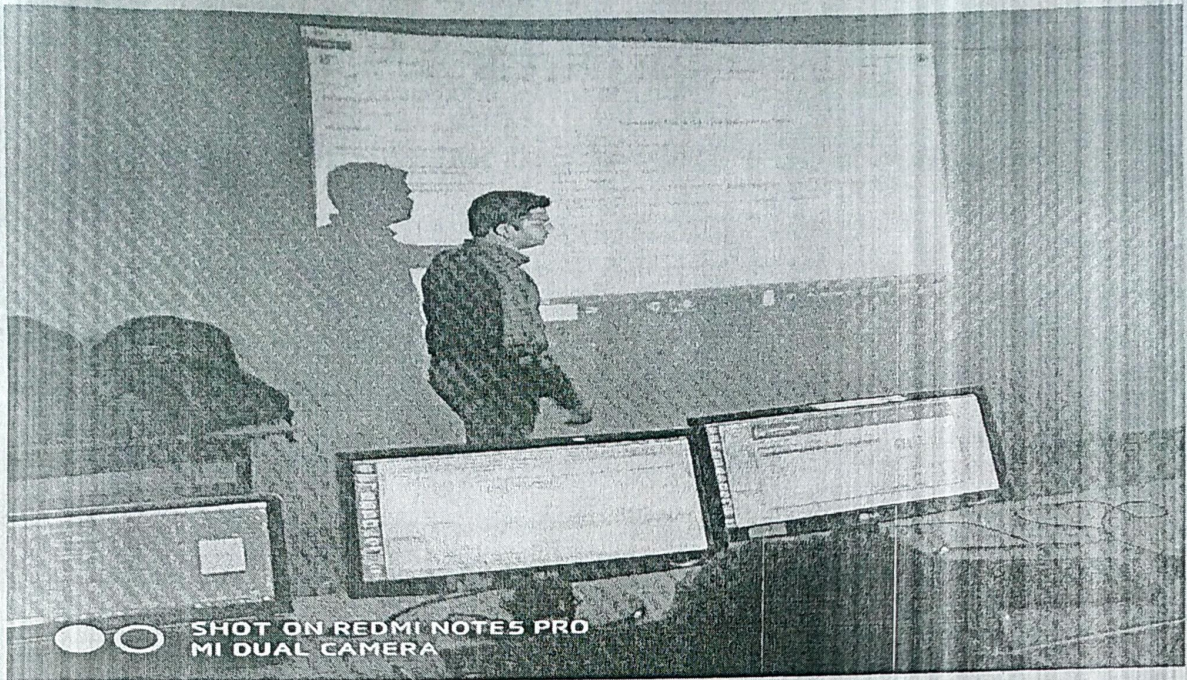
- 1. Introduction to the Android world*
- 2. Understanding the Building Environment for Android*
- 3. Understanding Layouts*
- 4. Getting familiar with Activity*
- 5. Understanding various Notifications*
- 6. Developing Applications*




Mr. Nikhil Dhavase
Coordinator


Dr. S. Bidave
Head, Information Technology

NAAC File No : 31



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S. No 18, Plot No.5/3, Karvenagar, PUNE - 411 052
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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2018-19 (Sem – I)

Event Name: 4.5 Days workshop on requirement specifications and design of project”

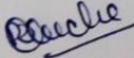
Event Date: 17/08/2018, 18/08/2018, 17/08/2018, 25/09/2018, 06/10/2018

Venue: Room No : 410, 4th Floor, MMCOE, Pune.

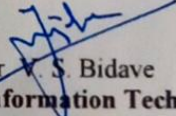
The department of Information Technology organized 4.5 days workshop for BE (IT) on requirement specifications and design of project. As a part of the workshop, individual project group was trained for specifying requirements and designing the project in hands on session.

All project groups along with project guides participated in the workshop. The purpose of the workshop was to introduce industry practices while developing projects. This workshop was useful for students to identify micro requirements and prepare high level and low level designs of the project.

The resource persons for the same were Mr. Kedar Deo, Vice President - Solution Architect, Deutsche Bank, Mr. Nitin Bhide, former Chief Software Engineer, Geometric Ltd. , Mr. Jayant Walvekar, VP, Cloud Product Architect, Persistent Systems, Mr. Hemant Shah, Training Director, HCL and Mr. Vijay Vishwakarma, Engineer, HCL.


Ms. Pranjali Kuche
Asst. Prof.
Coordinator




Dr. V. S. Bidave
Head, Information Technology

NAAC File No : 31
Prepared by : Ms. Pranjali R. Kuche



project

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DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR: 2018 - 19 (SEMESTER - I)

BE Roll Call List

Sr. No.	Roll No.	Name of Student	18/8/18	18/08/18
1	BI01	Agashe Prasad Ratnakar	Agashe	Agashe
2	BI02	Akmal Ziyad Gyasoddin	Akmal	Akmal
3	BI03	Bhalerao Gayatri Sudhir	Bhalerao	Bhalerao
4	BI04	Bhide Rajas Pradeep	Bhide	Bhide
5	BI05	Bhingare Tejaswri Dattatray	Bhingare	Bhingare
6	BI06	Bilagi Veerbhadra Ravindra	Bilagi	Bilagi
7	BI07	Dani Sukrut Ulhas	Dani	Dani
8	BI08	Govilkar Ketki Milind	Govilkar	Govilkar
9	BI09	Jain Aman Shailendrakumar	Jain	Jain
10	BI10	Kale Dnyanada Rajendra	AB	—
11	BI11	Kalshetti Aarti Kalyankumar	AB	—
12	BI12	Kalshetti Aarti Kalyankumar	AB	—
13	BI12	Mane Manjiree Sanjay	AB	—
14	BI13	Manoj Baviskar	Manoj	Manoj
15	BI14	More Sneha Gorakhnath	AB	—
16	BI15	Nandre Pratiksha Sham	AB	—
17	BI16	Nche Pranjali Popat	AB	—
18	BI17	Patil Mohit Sunil	Patil	Patil
19	BI18	Patil Sahil Vijay	Patil	Patil
20	BI19	Rini Ravindra Dalvi	Rini	Rini
21	BI20	Saraf Jeevan Pramod	AB	—
22	BI21	Shah Payal Nirmal	Shah	Shah
23	BI22	Shendage Shubham Annasaheb	Shendage	Shendage
24	BI23	Shimpi Ajinkya Kishor	Shimpi	Shimpi
25	BI24	Shinde Tushar Balasaheb	Shinde	Shinde
26	BI25	Shubham Shailendra Pansare	Shubham	Shubham
27	BI26	Tak Priyanka Santosh	AB	—
28	BI27	Varma Ritesh Krishna	AB	—
29	BI28	Vishal Pushker Marhatta	AB	—
30	BI29	Yeware Mitali Abhay	AB	—
31	BI30	Yashashri Laxmikant Dange	AB	—
32	BI31	Pratik Krishna Rawake	AB	—
33	BI32	Priti Sanjay Sangle	AB	—
34	BI33	Manasi Dipak Patil	Manasi	Manasi
35	BI34	Dipali Devidas Doke	AB	—
36	BI35	Kajal Vivek Pompatwar	Kajal	Kajal
37	BI36	Sujata Bharat Lungare	Sujata	Sujata
38	BI37	Vijay Sanjay Suryawanshi	AB	—
39	BI38	Aditya Amar Shelar	Aditya	Aditya
40	BI39	Kalyani Devidas Patil	Kalyani	Kalyani
41	BI40	Priyanka Bandu Rathod	Priyanka	Priyanka
42	BI41	Pooja Shyam Giri	Pooja	Pooja
43	BI42	Mohit Pushkar Kulkarni	Mohit	Mohit
44	BI43	Siddhi Suresh Bendkhale	Siddhi	Siddhi

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DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR: 2018 - 19 (SEMESTER - I)

BE Roll Call List

Sr. No.	Roll No.	Name of Student	18/2/18	18/8/18
44	BI44	Nitin Govinda Sonawane	AB	AB
45	BI45	Vrushali Brijalal Bijja	AB	AB
46	BI46	Pratiksha Dilip Pawar	AB	AB
47	BI47	Sushmita Sunil Gatne	AB	AB
48	BI48	Vishwajeet Siddharth Gawali	AB	AB
49	BI49	Rutuja Ramesh Fakire	AB	AB
50	BI50	Pallavi Shivdas Agwane	AB	AB
51	BI51	Rohit Fulchand Suryawanshi	AB	AB
52	BI52	Yeshodeepika Raghunath Sonawane	AB	AB
53	BI53	Arti Kachar Rode	AB	AB
54	BI54	Gourav Rajendra Bagade	AB	AB
55	BI55	Aditya Chetan Phadake	AB	AB
56	BI56	Gautam Neel Chunis	AB	AB
57	BI57	Vipul Yogesh Munot	AB	AB
58	BI58	Ninad Dilip Bhate	AB	AB
59	BI59	Rushabh Ratnadeep Vedpathak	AB	AB
60	BI60	Akshay Omprakash Sharma	AB	AB
61	BI61	Naishnavi Avinash Pelagade	AB	AB
62	BI62	Pratiksha Ramesh Bhalerao	AB	AB
63	BI63	Tushar Vijay Nemade	AB	AB
64	BI64	Tejasvi Shrikrishna Khadase	AB	AB
65	BI65	Saloni Girish Telang	AB	AB
66	BI66	Atharva Ganraj Bachha	AB	AB
67	BI67	Gaurav Satish Malge	AB	AB
68	BI68	Akshata Subhash Patekar	AB	AB
69	BI69	Aayush Milind Ranade	AB	AB
70	BI70	Shubham Sanjay Pingale	AB	AB
71	BI71	Nikita Sunil Kanade	AB	AB
72	BI72	Dhanashree Kashinath Warad	AB	AB
73	BI73	Mansi Pawar	AB	AB
74	BI74	Rushabh Shukla	AB	AB
75	BI75	Mayur Chaudhari	AB	AB
76	BI76	Pranav Bhavalkar	AB	AB
77	BI77	Onkar Nirhali	AB	AB
78	BI78	Sarika Pawar	AB	AB
79	BI79	Durape Nikhil Ramdas	AB	AB
80	BI80	Sonawane Pratik Ramdas	AB	AB
81	BI81	Waghmare Swapnil Pandharinath	AB	AB
82	BI82	Shamal ramdas Aware	AB	AB
83	BI83	Priyanka Labade	AB	AB

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DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR: 2018 - 19 SEMESTER - I

Class: BE-IT

Project Phase - I
25/08/18 25/08/18 06/10/18 05/10/18

Sr. No	Group No	Roll No	Name of Student	10:00 am	2:15	9:30	1:30
42	G12	B129	Yeware Mitali Abhay	---	---	libal	libal
43		B144	Nitin Govinda Sonawane	libal	libal	libal	libal
44		B148	Vishwajeet Siddharth Gawali	libal	libal	libal	libal
45		B151	Rohit Fulchand Suryawanshi	libal	libal	libal	libal
46		B152	Yeshodeepika Sonawane	---	---	---	---
47	G13	B114	Sneha Gorakhnath More	libal	libal	libal	libal
48		B119	Rini Dalvi	libal	libal	libal	libal
49		B110	Dnyanada Rajendra Kale	---	---	libal	libal
50		B132	Priti Sangle	libal	libal	libal	libal
51	G14	B103	Gayatri bhalerao	---	---	libal	libal
52		B121	Payal shah	---	---	libal	libal
53		B163	Tushar Vijay Nemade	---	---	libal	libal
54		B165	Saloni Girish Telang	---	---	---	---
55	G15	B111	Aarti Kalshetti	---	---	libal	libal
56		B116	Pranjali Nehe	---	---	libal	libal
57		B123	Ajinkya Shimpi	libal	libal	libal	libal
58		B133	Manasi Patil	libal	libal	libal	libal
59	G16	B139	Kalyani Patil	---	---	---	---
60		B149	Rutuja Fakire	libal	libal	libal	libal
61		B150	Pallavi Agwane	libal	libal	libal	libal
62		B153	Arti Rode	libal	libal	libal	libal
63	G17	B118	Sahil Patil	libal	libal	libal	libal
64		B120	Jeevan Saraf	libal	libal	libal	libal
65		B157	Vipul Munot	libal	libal	libal	libal
66	G18	B145	Vrushali Bijja	libal	libal	---	---
67		B159	Rushabh Vedpathak	---	---	libal	---
68		B160	Akshay Sharma	---	---	libal	---
69		B137	Vijay Suryawanshi	---	---	---	---
70	G19	B173	Mansi Pawar	---	---	---	---
71		B171	Nikita Sunil Kanade	---	---	---	---
72		B172	Dhanashree Warad	---	---	---	---
73	G20	B134	Dipali Devidas Doke	libal	libal	libal	libal
74		B135	Kajal Vivek Pompatwar	libal	libal	libal	libal
75		B141	Pooja Shyam Giri	---	---	libal	libal
76		B146	Pratiksha Dilip Pawar	libal	libal	libal	libal
77	G21	B112	Manjiree Mane	libal	libal	libal	libal
78		B182	Shamal Ramdas Aware	---	---	---	---
79		B183	Priyanka Labade	libal	libal	libal	libal
80		B181	Waghmare Swapnil	---	---	---	---



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DEPARTMENT OF INFORMATION TECHNOLOGY

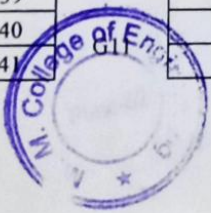
ACADEMIC YEAR: 2018 - 19 SEMESTER - I

Class: BE-IT

Project Phase - I

25/08/18 25/08/18 06/10/18 6/10/18

Sr. No	Group No	Roll No	Name of Student	10:00	2:15	9:30	1:30
1	G1	BI02	Akmal Ziyad	Amal	Amal	Amal	—
2		BI13	Manoj Baviskar	—	—	Manoj	—
3		BI28	Vishal Marhatta	Vishal	Vishal	Vishal	—
4	G2	TI01	Prasad Agashe	Prasad	Prasad	Prasad	—
5		BI04	Rajas Bhide	Rajash	Rajash	—	—
6		BI06	Veerbhadra Bilagi	Villegar	Villegar	Villegar	Villegar
7	G3	bi30	Yashashri Dange	Yash	Yash	Yash	Yash
8		BI17	Mohit Sunil Patil	Mohit	Mohit	Mohit	Mohit
9		BI38	Aditya Amar Shelar	Aditya	Aditya	Aditya	Aditya
10	G4	BI43	Siddhi Suresh Bendkhale	Siddhi	Siddhi	Siddhi	Siddhi
11		BI47	Sushmita Sunil Gatne	Sushmita	Sushmita	Sushmita	Sushmita
12		BI54	Gourav Bagade	GP	GP	GP	GP
13	G5	BI58	Ninad Bhate	Ninad	—	Ninad	Ninad
14		BI78	Sarika Pawar	Sarika	—	Sarika	Sarika
15		BI80	Sonawane Pratik Ramdas	—	—	—	—
16	G6	BI55	Aditya Chetan Phadke	—	—	Aditya	—
17		BI42	Mohit Pushkar Kulkarni	Mohit	Mohit	Mohit	—
18		BI76	Pranav Bhavalkar	Pranav	Pranav	Pranav	—
19	G7	BI79	Durape Nikhil Ramdas	—	—	—	—
20		BI40	Priyanka Rathod	Priyanka	Priyanka	Priyanka	Priyanka
21		BI62	Pratiksha Ramesh Bhalerao	Pratiksha	Pratiksha	Pratiksha	Pratiksha
22	G8	BI68	Akshata Patekar	Akshata	Akshata	Akshata	Akshata
23		BI74	Rishabh Shukla	Rishabh	Rishabh	—	—
24		BI24	Tushar Shinde	—	—	Tushar	Tushar
25	G9	BI31	Pratik Rawke	—	—	—	—
26		BI08	Ketki Govilkar	—	—	Ketki	Ketki
27		BI22	Shubham Shendage	Shubham	Shubham	Shubham	Shubham
28	G10	BI77	Onkar Nirhali	Onkar	Onkar	Onkar	—
29		BI66	Atharva Ganraj Bachha	Atharva	Atharva	Atharva	—
30		BI67	Gaurav Satish Malge	Gaurav	Gaurav	Gaurav	—
31	G11	BI70	Shubham Sanjay Pingale	Shubham	Shubham	Shubham	—
32		BI64	Tejasvini S Khadse	—	—	—	—
33		BI61	Vaishnavi Avinash Pelagade	—	—	—	—
34	G12	BI69	Aayush Milind-Ranade	—	—	—	—
35		BI05	Bhingare Tejashri Dattatray	Bhingare	Bhingare	Bhingare	Bhingare
36		BI26	Tak Priyanka Santosh	Tak	Tak	Tak	Tak
37	G13	BI09	Jain Aman S	—	—	Jain	Jain
38		BI36	Sujata Bharat Lungare	Sujata	Sujata	Sujata	Sujata
39		BI07	Dani Sukrut Ulhas	—	—	Dani	Dani
40	G14	BI15	Nandre Pratiksha Sham	—	—	Nandre	Nandre
41		BI25	Pansare Shubham S	—	—	Pansare	Pansare



Academic Year: 2018-19 (Sem - I)

Report of Four days training program on "Data Science" followed by Microsoft Certification" in association with ATS Technologies Pvt. Ltd.

Event Date & Time: 9th to 12th October 2018, 10:00 am to 5:00 pm

Class: SE,TE,BE

No. of Participants : 20

Venue: High Performance Computing Laboratory, Dept. of Computer Engg., MMCOE, Pune

Resource Person : 1. Mr. Suresh Pal
2. Mr. Bipul Kumar Shahi

Topics Covered :

Day 1: Python Basics

Day 2: Anaconda installation and working with Jupyter

Day 3: Working with Numpy, Pandas, Scikit, Matplotlib

Day 4: Implementing deep neural network with powerful H2O Framework

Objective :

1.To learn how to design and Program Python Applications

2.Install and run the Python Interpreter

3.Plot data using appropriate Python Visualization libraries

4.Apply quantitative modeling and data analysis techniques to tCentury Scbook Lhe solution of real world business problems, and effectively present results using data visualization technique

Description:

A four days training program on "Data Science" was organized at Marathwada Mitra Mandal's College of Engineering, Karvenagar from 9th October to 12th October 2018. This training program was organized under the MoU signed by MMCOE and A.T.S. Infotech Pvt. Ltd. In this training program total 20 students participated, through which they will have the opportunity to appear for the "Data Science" online test conducted by Microsoft. Students clearing the test will also be given a "Certificate of Merit" from Microsoft. This training program was successfully organized under the guidance of Principal Dr. Sunil M. Deshpande, Dr. Sandip Chaware (Head - Department of Computer Engineering), Dr. Vijaykumar Bidve (Head - Department of IT). Prof. Swapnil Shinde and Prof. Abhilasha Kulkarni worked as a coordinator for this program.

Photographs of Event:

[1]

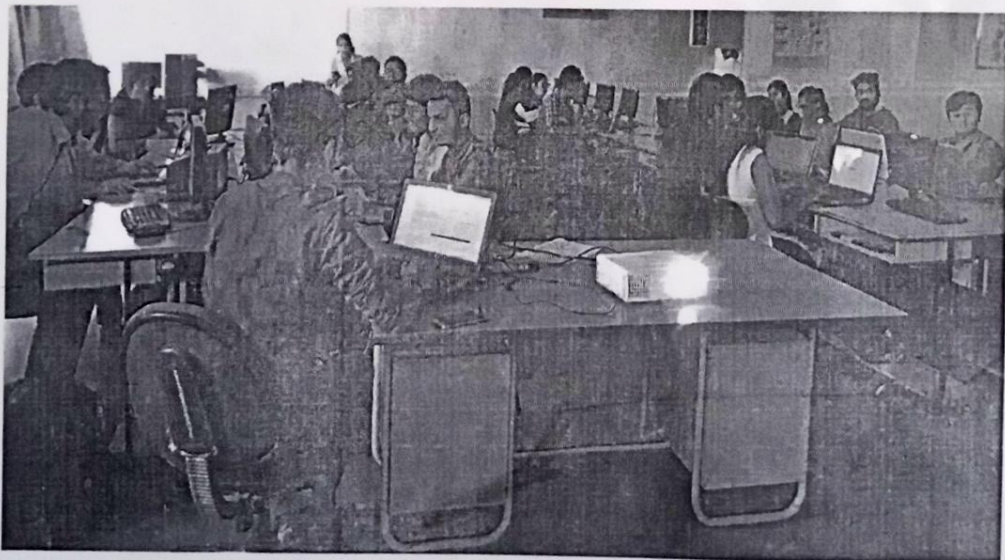


[2]



[1] Mr. Suresh Pal (Python Trainer) felicitated by Dr. S. M. Chaware (Head- Dept. of Computer Engg.)

[2] Mr. Bipul Kumar (Data Science Trainer) felicitated by Dr. V. S. Bidve (Head- Dept. of IT)





Conclusion :

Students have learnt Python and its different libraries and also completed mini projects on the same .

Outcomes:

- 1.Students will develop relevant programming abilities
- 2.Students will apply data science concepts and method to solve problems in real world contexts and will communicate these solutions effectively

Mrs. Abhilasha D. Kulkarni Mr. Swapnil S. Shinde
(Coordinators)

Dr. V. S. Bidve
(Head, Information Technology)



Dr. S. M. Chaware
(Head, Computer Engineering)

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Department of Information Technology

Academic Year: 2018-19 (Sem – I)

Report of Two days State level Workshop on “Augmented Reality and Mixed Reality” organized by Department of Information Technology in association with Savitribai Phule Pune University (SPPU) under Quality Improvement Program (QIP)

Event Date & Time: 7th to 8th December 2018, 10:00 am to 5:00 pm

No. of Participants : 40

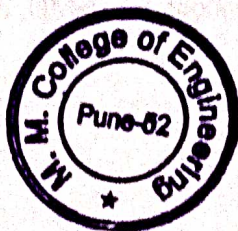
Venue: Language Laboratory (Lab No. 08), Dept. of IT, MMCOE, Pune

Resource Persons :

1. Dr. Nilesh J. Uke (Principal, Trinity Academy of Engineering, Pune)
2. Mr. Rohit Waghela (Senior Unity Trainer at Anibrain School of Media Design, Pune)
3. Mr. Shekhar Lolage (Senior XR Developer, Mobiliya Pvt. Ltd. Pune)
4. Dr. Dattatray Parle (Founder & Technology Expert , Simulation Centre, Pune)
5. Mr. Pritam Pingale (Design Engineer, Simulation Centre, Pune)
6. Ms. Shobha Gaikwad (Design Engineer, Simulation Centre, Pune)

Topics Covered :

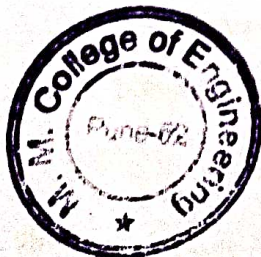
Day	Date	Topic Name	Spener
Day 1	7 th Dec. 2018	Introduction to VR	Dr. Nilesh J. Uke
		Use of AR and MR by leading organizations	Mr. Rohit Waghela
		Software Platforms used in AR like ARKit and ARCore	Mr. Shekhar Lolage
Day 2	8 th Dec. 2018	Discussion on case study application	Dr. Dattatray Parle
		DIY activity with Google cardboard	Mr. Pritam Pingale Ms. Shobha Gaikwad
		Future of AR and MR	Mr. Shekhar Lolage



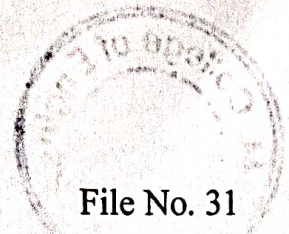
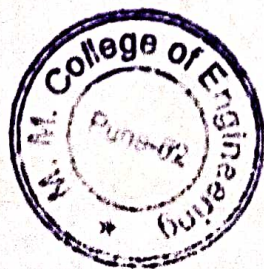
File No. 31

Photographs of Event:

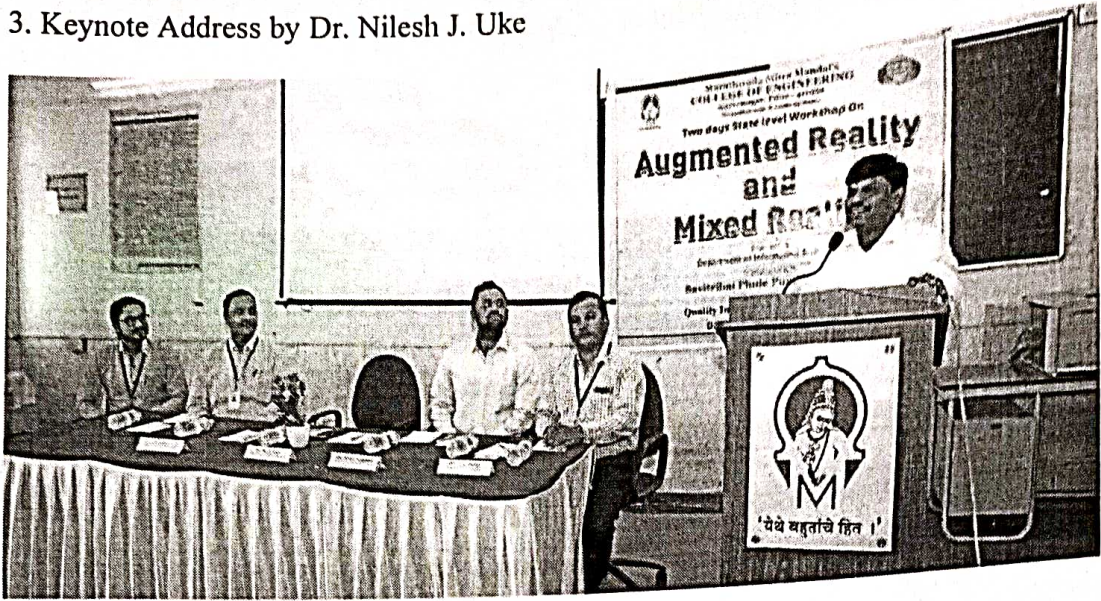
1. Token of thanks to Dr. Nilesh J. Uke (Chief Guest & Keynote Speaker) by the hands of Dr. V. N. Gohokar (Head, Department Electrical Engg., MMCOE)



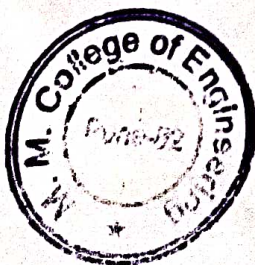
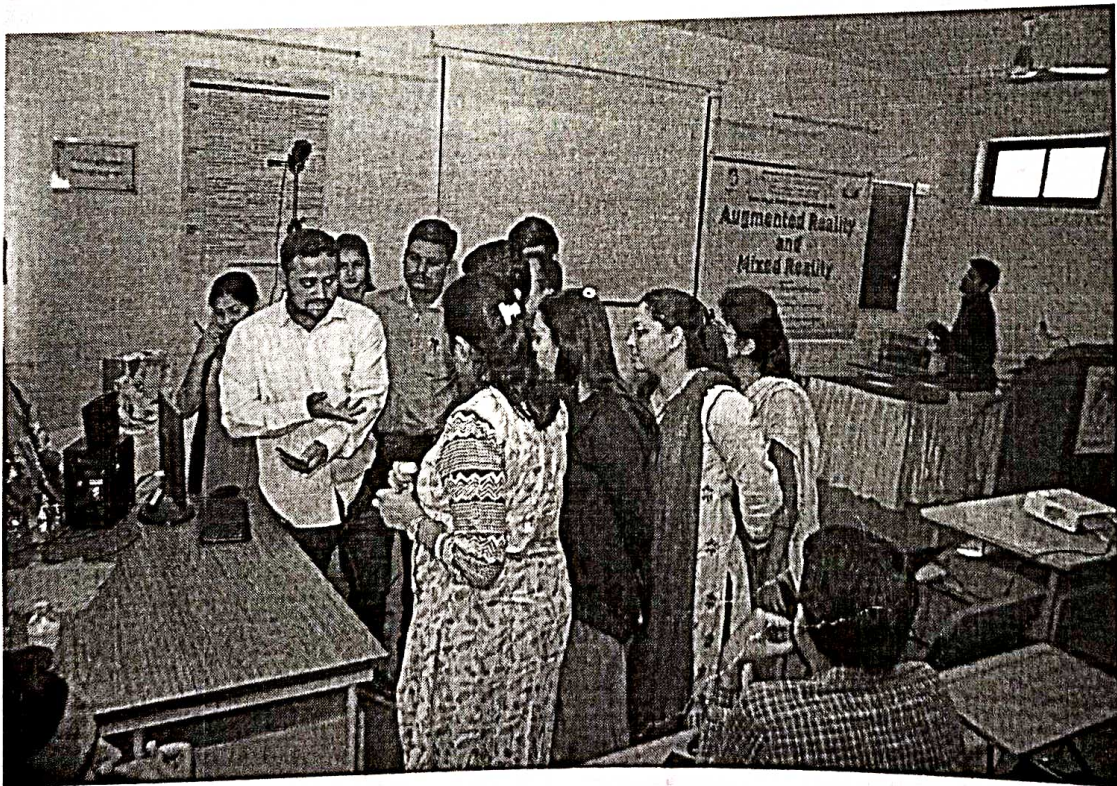
2. Token of thanks to Mr. Rohit Waghela (Speaker for the Session II) by the hands of Dr. V. S. Bidve (Head, Department of IT, MMCOE)



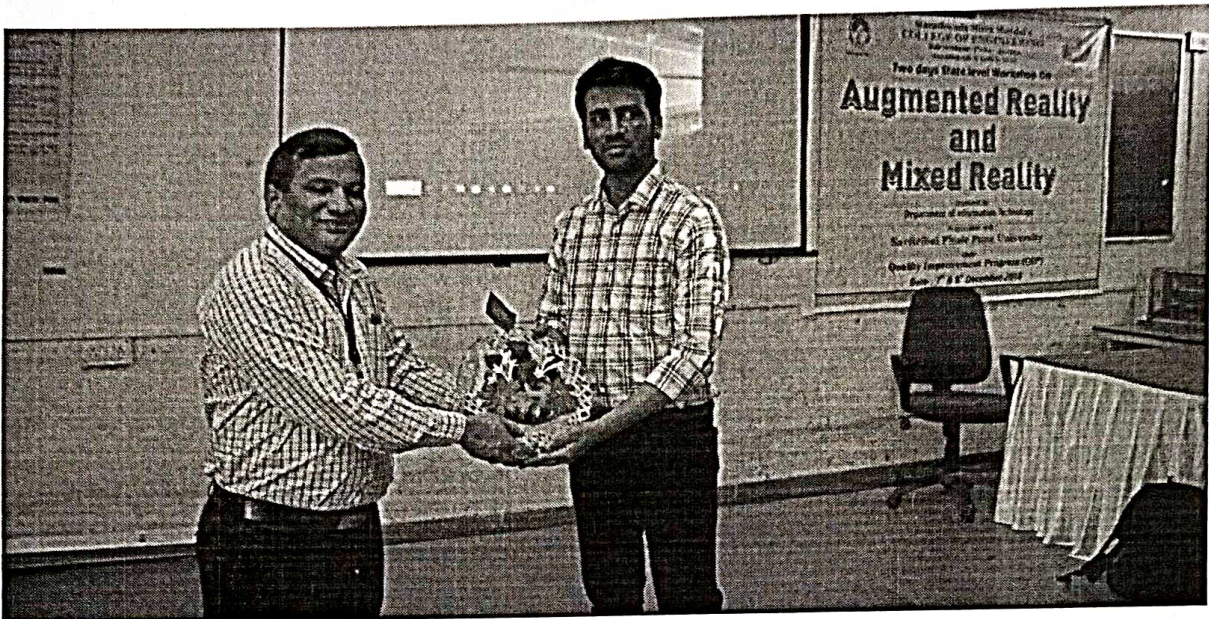
3. Keynote Address by Dr. Nilesh J. Uke



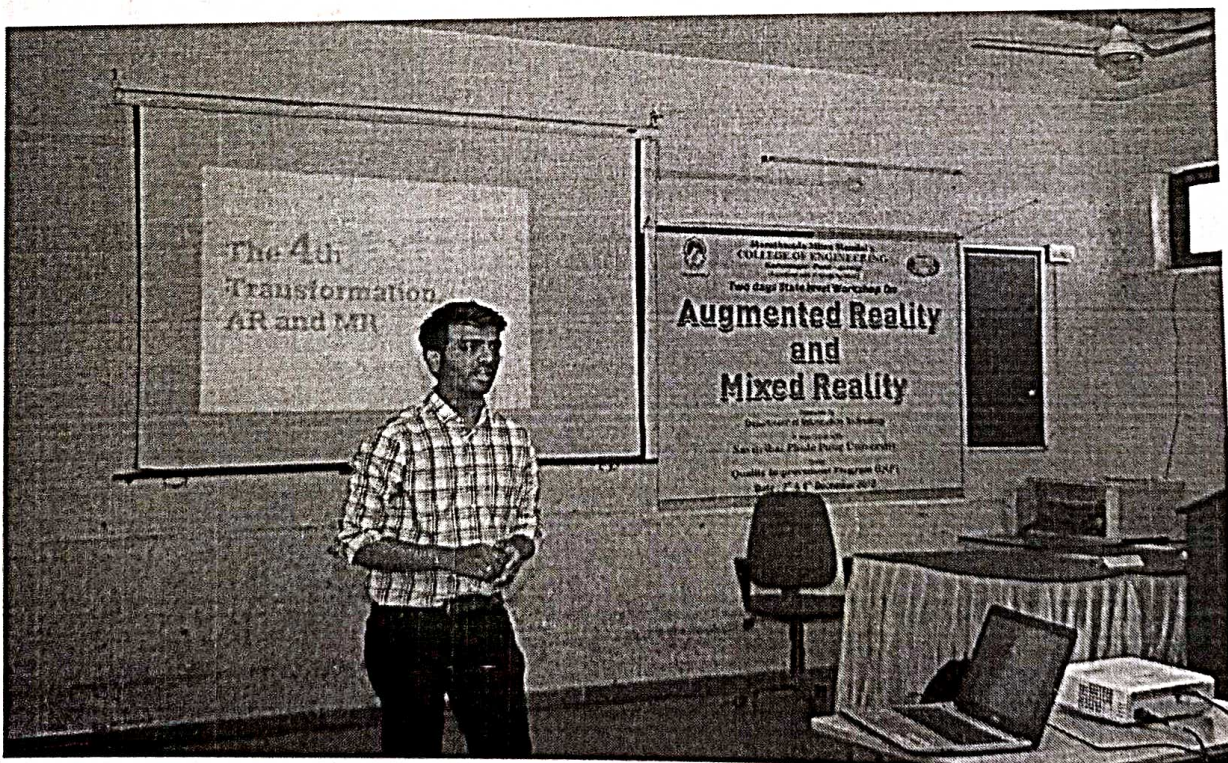
4. Session by Mr. Rohit Waghela with HTC Vive device



5. Token of thanks to Mr. Shekhar Lolage (Speaker for the Session III) by the hands of Dr. V. S. Bidve (Head, Department of IT, MMCOE)



6. Session by Mr. Shekhar Lolage on ARKit and ARCore



7. Token of thanks to Dr. Dattatray Parle (Speaker for the Session IV) by the hands of Dr. V. S. Bidve (Head, Department of IT, MMCOE)

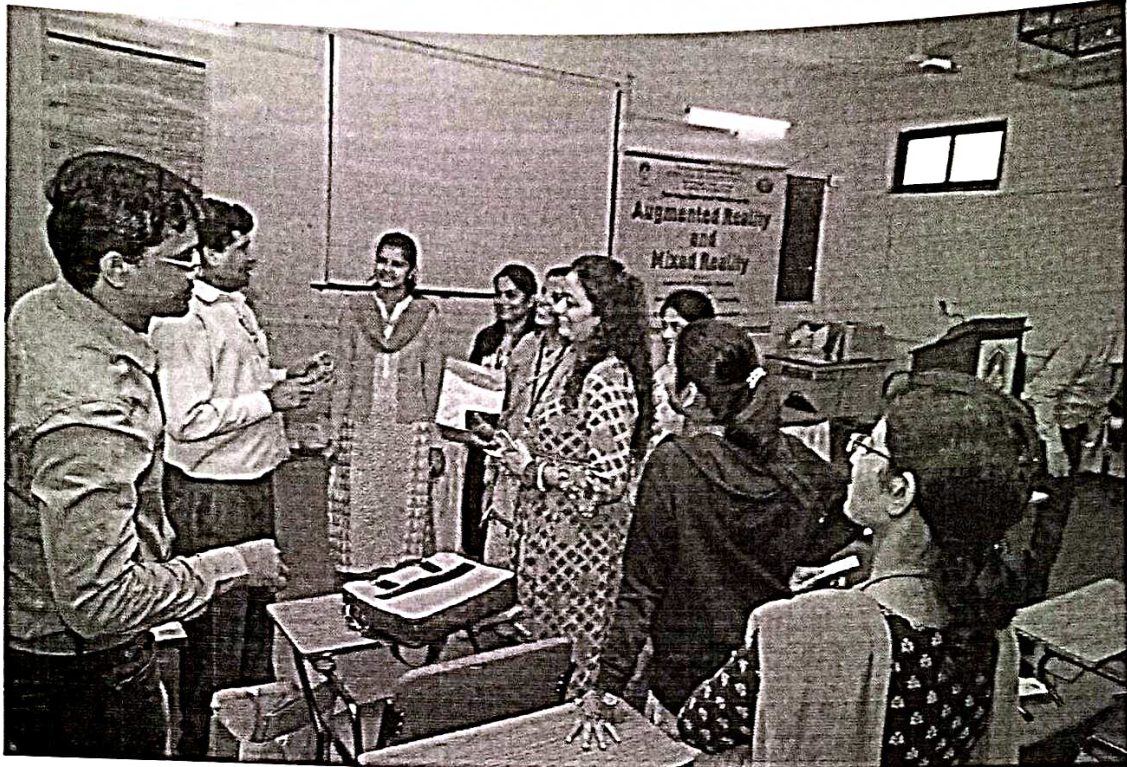


8. Session by Dr. Dattatray Parle on HMD





9. Session by Mr. Pritam Pingale on Google Cardboard



10. Certificate Distribution




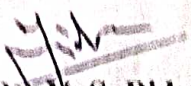


11. Valedictory function




Mr. J. R. Chavan
(Coordinators)


Mr. S. S. Shinde
(Coordinators)


Dr. V. S. Bidve
(Head, Information Technology)



File No. 31

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2018-19

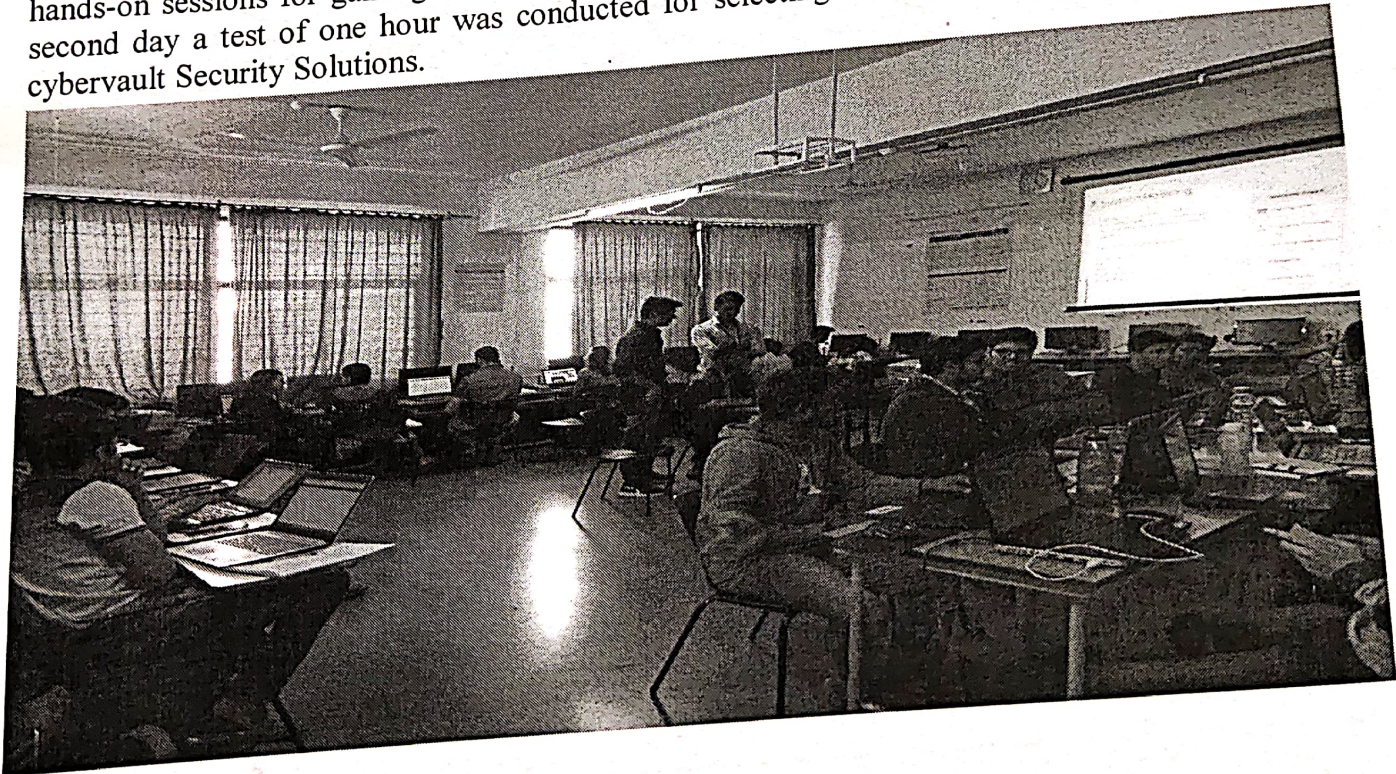
Event Name: Two days workshop on Cyber Security and Ethical Hacking

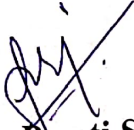
Event Date: 8th and 9th Feb 2019

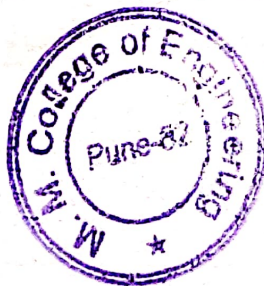
Venue: Room No. 416, 4th Floor, MMCOE

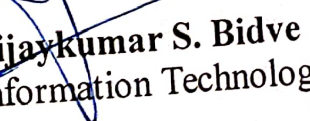
A two days workshop on "Ethical Hacking" was organized by department of Information Technology in association with Cybervault Securities Solutions Pvt. Ltd. on 8th and 9th Feb 2019. Thirty one students from SE,TE,BE participated in the workshop. The instructor from Cybervault Securities Solutions The session was conducted by Mr. Sanjay Lendhar ,Technology Evangelist and Mr. Lalit choudhary Security Consultant , Cybervault Security Solutions Pvt. Ltd., Pune.

Dr. Vijaykumar bidve, HOD IT department felicitated Mr. Anilraj, Director, Cybervault Security Solutions Pvt. Ltd. This is the fifth year that this workshop is conducted at MMCOE with revised syllabus every year. The workshop covered hands on session for students on Mobile Security, system hacking ,wifi hacking, sniffing and Hacking with Python etc. Total 31 participants registered for the workshop. All the session were based on KALI Linux and had hands-on sessions for gaining introductory knowledge in the domain of cyber security. On the second day a test of one hour was conducted for selecting students for internship program at cybervault Security Solutions.




Mrs. Preeti S. Joshi
Coordinator




Dr. Vijaykumar S. Bidve
Head, Information Technology

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2018-19

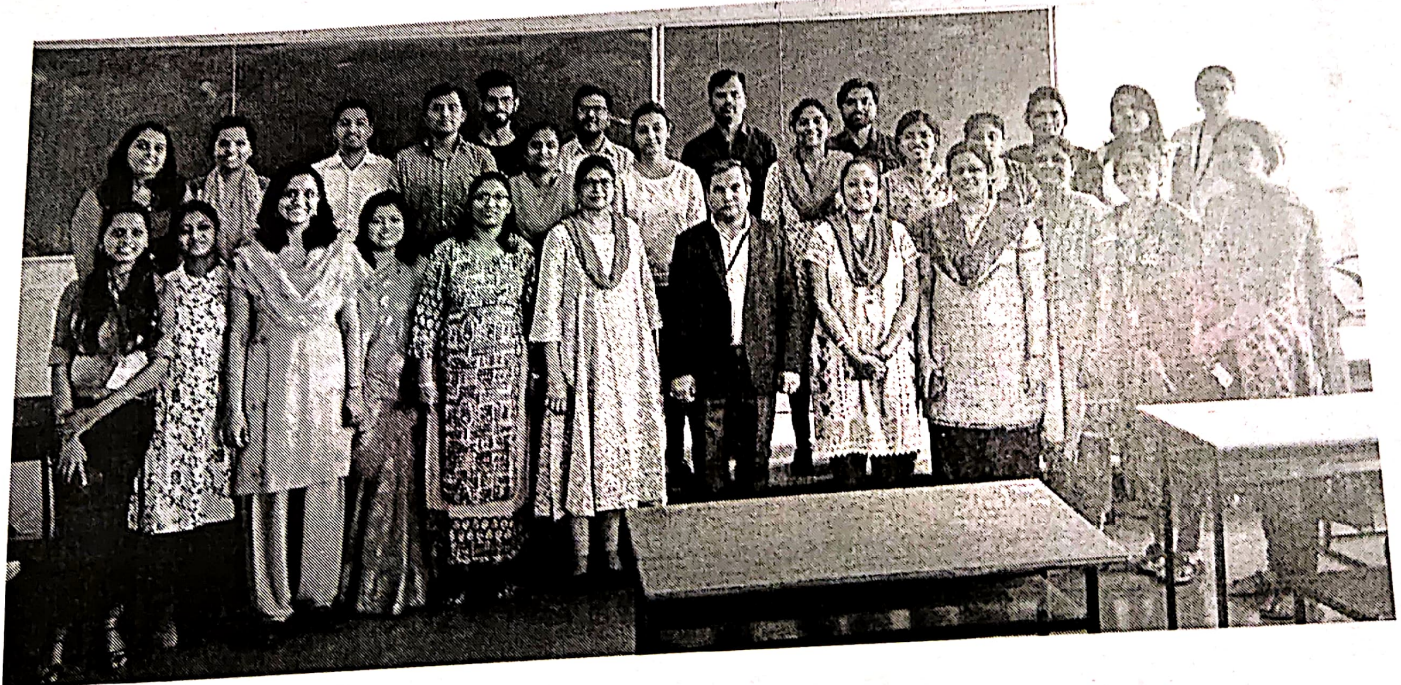
Event Name: Six days FDP on Cyber Security

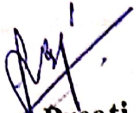
Event Date: 11th and 16th Feb 2019

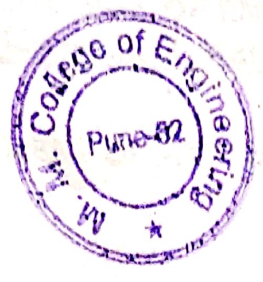
Venue: Room No. 511, 5th Floor, MMCOE

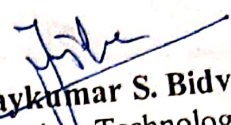
Department of Information Technology and Computer Engineering conducted one week Faculty Development Program on "Cyber Security" during 11th and 16th Feb 2019. This workshop was sponsored by Shivaji University under Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT). The FDP received overwhelming response with total 59 participants participating in from different colleges under Savitribai Phule Pune University. The Program was conducted with all hands-on sessions covering Networking concepts, ethical hacking, vulnerability assessment tools, Web application assessment, browser security and mobile security.

Dr. R. K. Kamat Dr. K. S. Oza, Dr. K. G. Kharade, Pro VC Dr. D. T. Shirke Sir, respected VC Dr. Devanand Shinde Sir from shivaji university supported and guided for smooth conduction of the program. The inauguration function was held in presence of Dr. K. S. Oza, Dr. S.M. Deshpande Principal, MMCOE, Dr. V.S. Bidve, HOD IT, Dr. S. M. Chaware HOD Computer Department. Mrs. Preeti Joshi, Mrs. Ila Sawant, Mrs. Geetha Chillarge, Mr. Pratik Kamble worked as co-cordinator for the program.
Thanks to all participants.




Mrs. Preeti S. Joshi
Mr. Pratik kamble
Coordinator




Dr. Vijaykumar S. Bidve
Head, Information Technology

COLLEGE OF ENGINEERING, PUNE

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Department of Mechanical Engineering

Date: 13/10/2018

Report of Two days Hands-on Workshop on HyperMesh 17.0 Software for B.E.

Mechanical Students

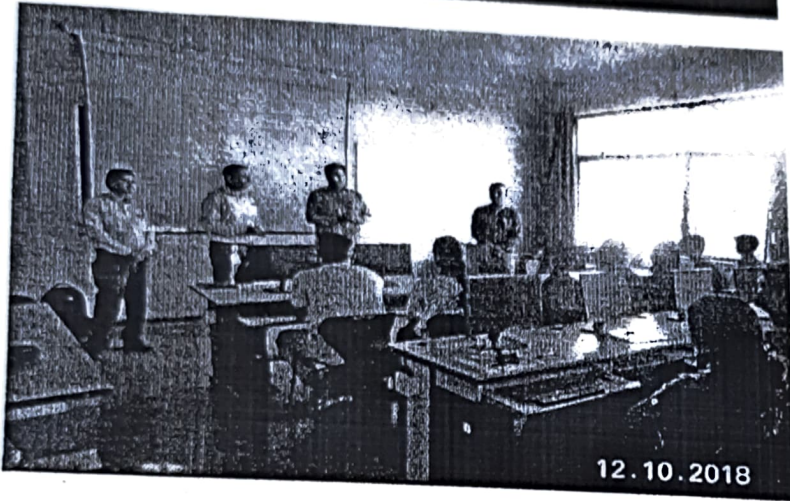
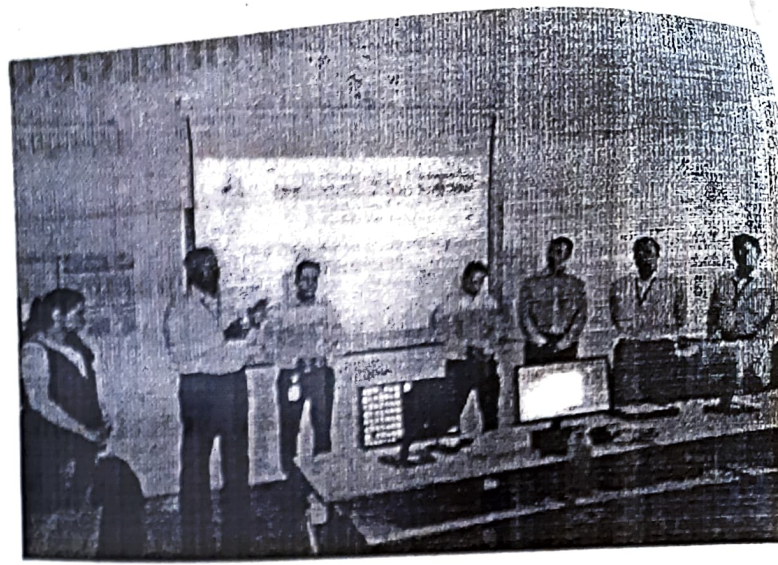
Mechanical Engineering Department conducted a two days' hands-on workshop on HyperMesh 17.0 software for B.E. Mechanical students on 11th & 12th October 2018 in association with DesignTech Pvt Ltd., Pune. Felicitation of resource person Mr. Manish Arzare, DesignTech Pvt Ltd, Pune was done by Dr. P.S. Purandare, HOD Mechanical Engineering. He and Dr. V.R. Deulgaonkar, Convener of workshop, addressed the students during inaugural function.

Altair HyperMesh is a market-leading, multi-disciplinary finite element pre-processor. It manages the generation of the largest, most complex models, starting with the import of CAD geometry to exporting ready-to-run solver file. The aim of the workshop was to provide preliminary knowledge regarding the different meshing and geometry cleanup techniques used during pre-processing in finite element analysis. The workshop was conducted in two sessions per day (Morning & Afternoon). Total 30 final year students actively participated in the workshop. Interactive sessions were conducted by Mr. Manish Arzare from DesignTech systems.

The concluding ceremony for the hands-on workshop was conducted on 12th October 2018. E-certificates were distributed after completion of the program. During this HOD Mechanical Engineering shared his thoughts with participants regarding importance of software training for career. Convener of the workshop presented vote of thanks. Organizing team included Dr.V.R Deulgaonkar, Prof.S.N Belsare, Prof. R.S Yadav, Prof. R.U Patil and Mr. S.V Mane


Convener


HOD (Mech Engg.)



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Ref.No: MMCOE/MECH/18-19/77.



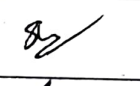
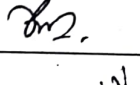

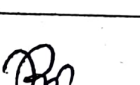
Date: 24/09/2018

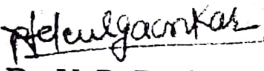
Department of Mechanical Engineering

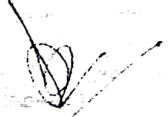
Office Order

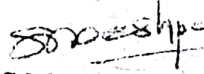
"Two days hands on workshop HyperMesh Software for B.E Mechanical Students"

Mechanical Department has organized Two days' Hands-on workshop on Finite Element analysis using HyperMesh Software on 11th and 12th October 2018. Following faculties are assigned the responsibilities for the same.

Sr. No.	Responsibility	Staff assigned	Sign.
1	Arrangements for Inauguration & Felicitation of Guests	Prof. R.S Yadav	
2	Printing of Flex, Brochure and Certificates & Software Installation	Prof. S.N Belsare Mr. S.V. Mane	
3	Feedback of Industry Experts, Student Feedback and Feedback analysis	Prof. S.N Belsare	
4	Online Student Registration (Google forms)	Prof. R.U. Patil	
5	e-Certificate Distribution to Participants Breakfast & Lunch Arrangements for Industry Guests	Prof. R.S Yadav	
6	Event Photography, Report Preparation & Publicity	Prof. R.U Patil	


Dr. V. R. Deulgaonkar
Workshop Covenor


Dr.P.S Purandare
HEAD
Dept. of Mechanical Engineering


Dr.S.M Deshpande
Principal
MMCOE, Pune

**Two days hands on workshop of HyperMesh Software
 Student Attendance Sheet**

Sr. No	Roll No	Name of Student	Date/Time				Total
			Division - A & B				
			11-10-2018	11-10-2018	12.10.18	12.10.18	
			Morning	Afternoon	Morning	Afternoon	
1	BMB 228	Shraddha Saptarshi	SMB	SMB	- AB -	- AB -	
2	BMA 123	Neha JOSW	NJ	NJ	- AB -	- AB -	
3	GMA 159	Laxman Kawalgi	Quing	Quing	- AB -	- AB -	
4	BMB 241	Jayant Palde	Palde	Palde	- AB -	- AB -	
5	BMB 256	Prasanna Patil	Patil	Patil	- AB -	- AB -	
6	BMA 117	Abhijit Ghutukade.	Abhijit	Abhijit	- AB -	- AB -	
7	BMA 133	Maqand Kulkarni	Maqand	Maqand	- AB -	- AB -	
8	BMB 258	Hibesh Kabhale	Hibesh	Hibesh	- AB -	- AB -	
9	BMA 142	Amit Uttam Bhosale	Bhosale	Bhosale	- AB -	- AB -	
10	BMA 153	Shubham S. Amole	Private	Private	- AB -	- AB -	
11	BMA 138	Maniyar sameer	Sameer	Sameer	- AB -	- AB -	
12	BMB 237	Ketki Malakuse	Ketki	Ketki	- AB -	- AB -	
13	BMA 127	Basavaraj Rajkumar Kalee	Kalee	Kalee	- AB -	- AB -	
14	BMA 132	Shubham Kolapkar	Shubham	Shubham	- AB -	- AB -	
15	BMB 260	Pushpesh Malwe	Malwe	Malwe	- AB -	- AB -	
16	BMA 154	Virek Mahajan	Malwe	Malwe	- AB -	- AB -	
17	BMA 153	Shubham Amole.	Amole	Amole	- AB -	- AB -	
18	BMA 342	Dodaji Jana Bhatusabab	Jana	Jana	- AB -	- AB -	
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Two days hands on workshop of HyperMesh Software
 Student Attendance Sheet

Division - C

Sr. No	Roll No	Name of Student	Date/Time			Total
			11/10/18	11/10/18	12/10/18	
1	353	Kulkarni Madhvasaj. S.	Morning session Bhaskarini	Afternoon session Munni	Morning Mushkan	Afternoon Pravali S.N. Kulkarni
2	339	Keskar Sanjayoti	SMKOP	SMKOP	SMKOP	SMKOP
3	301	AKIB ATTAR	AKIB	AKIB	AKIB	AKIB
4	324	Pratik fansare	Pansare	Pansare	Pansare	Pansare
5	321	Rohit Mame	Rohit	Rohit	Rohit	Rohit
6	316	Saurabh Kulkarni	Saurabh	Saurabh	Saurabh	Saurabh
7	303	Rhulikesh Bhasale	Rhulikesh	Rhulikesh	Rhulikesh	Rhulikesh
8	334	Mayuri Takawade	Mayuri	Mayuri	Mayuri	Mayuri
9	342	Tanubai Dalavi	Tanubai	Tanubai	Tanubai	Tanubai
10	308	Toshi Aditi	Aditi	Aditi	Aditi	Aditi
11	358	Shalaka Bhopi	Bhopsa	Bhopsa	Bhopsa	Bhopsa
12	333	Jaywant Patil	Jaywant	Jaywant	Jaywant	Jaywant
13	354	Hantrishna-Annebraing.	Hantrishna	Hantrishna	Hantrishna	Hantrishna
14	314	Kishor Raut	Kishor	Kishor	Kishor	Kishor
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Marathwada Mitra Mandal's
College of Engineering
Karvenagar, Pune-52
Accredited with 'A Grade' by NAAC
Department of Mechanical Engineering

Date: 15/04/2019

**Report of One Week Faculty Development Workshop on Product Design and
Development – Concept to Production**

Department of Mechanical Engineering of Marathwada Mitra Mandal's College of Engineering had organized one week FDP on 'Product Design and Development – Concept to Production' in association with 'Marathwada Mitra Mandal's Centre of Invention, Innovation and Incubation (CIII)' and 'Tata Technologies Limited' from 6th April to 12th April, 2019.

Eminent speakers Dr. Ishtiaq Khan, Mr. Anil Kelapure, Mr. Pushkaraj Kaulgud from Tata Technologies delivered lectures on different topics related to Product Design and Development during the workshop. Total 20 participants from various institutes and departments were participated.

FDP was organized under the guidance of Mr. Ankush Bhosale; Principal, Dr. S. M. Deshpande; HOD, Dr. P. S. Purandare; Convenor, Dr. K. R. Patil and Co-Convenor Dr. P. K. Katare.



Dr. K. R. Patil
Workshop Convenor



Dr. P. S. Purandare
Head,
Dept. of Mechanical Engineering



SPEAKERS

Eminent speakers from

TATA TECHNOLOGIES LTD., PUNE

Date : 06th to 12th April, 2019

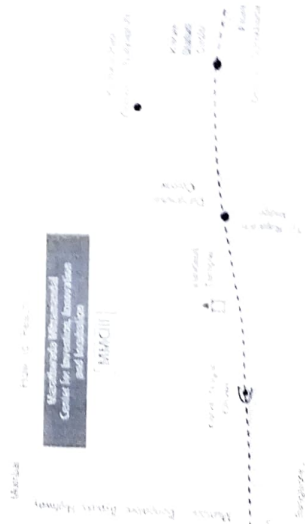
: Venue :

MMCIH
Marathwada Mitramandal's
College of Engineering
Behind Vandevi Temple,
Karvenagar, Pune - 411 052.

Contact Details :

Dr. K. R. Patil
Mobile : 98810 25368
Email : krpatil@mmcoe.edu.in
ciiii@mmcoe.edu.in

Dr. P. K. Katare
Mobile : 94228 23600
Email : pravinkat@mmcoe.edu.in



CHIEF PATRONS

Shri S. D. Ganage
President, MMM, Pune
Prin. B. G. Jadhav
Executive President, MMM, Pune
Mr. K. H. Mungale
Hon. Secretary, MMM, Pune

PATRON

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

ORGANIZING CHAIRMAN

Dr. P. S. Purandare
Head, Dept. of Mechanical Engineering

CONVENOR

Dr. K. R. Patil
Associate Professor, Mechanical Engineering

CO-CONVENOR

Dr. P. K. Katare
Assistant Professor, Mechanical Engineering

ORGANIZING COMMITTEE

Mr. S. N. Belsare
Mr. R. S. Yadav
Mr. R. U. Patil
Mr. A. B. Gholap
Mr. S. R. Dhok
Mr. S. S. Raut
Mr. H. C. Pisal
Mr. P. S. Khade
Mr. S. G. Kale
Mr. D. B. Chavan

TATA TECHNOLOGIES

One week

Faculty Development Programme on

Product Design & Development - Concept to Production

In association with

Tata Technologies Ltd., Pune

and

Marathwada Mitramandal Center
for Innovation, Innovation and
Incubation (MMCIH)

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING
Marathwada Mitramandal's
COLLEGE OF ENGINEERING
Karvenagar, Pune - 52.

Permanently affiliated to SPPU | Accredited with 'A' Grade by NAAC
'Best College' award in 2018-19 by SPPU



EMPATHIZE
Innovation should be
human-centered.

Innovation is born
from a clash of ideas.

DEFINE
Innovation should
solve a problem.

TEST
Innovation should
be refined.

PROTOTYPE
Innovation should
be brought to life.

Marathwada Mitramandal Center for Invention, Innovation and Incubation (MMCIII)

Tata Technologies Ltd., Science and Technology Park and Marathwada Mitramandal jointly established the Marathwada Mitramandal Center for Invention, Innovation and Incubation (MMCIII) at Marathwada Mitramandal's College of Engineering, Karvenagar, Pune.

The key objectives of establishing this center is to provide high-end industrial training to graduates for better employability and support innovators & potential young entrepreneurs by providing technical training, access to advanced technologies & co-working spaces, mentoring and private funding. The project will comprise a Technology Center, Advanced Manufacturing Center, Domain Exploration Center. It will enable innovators to build a complete product from ideation to a 'Virtual Build' or 'Real Build' working prototype.

About Marathwada Mitramandal's College of Engineering, Pune

MMCOE is a flagship Institute of Marathwada Mitramandal Pune started from the academic year 2006. MMCOE is accredited with 'A' Grade by NAAC and has been awarded the Best College (Professional Courses) by SPPU. It offers five engineering programmes (Computer, Electrical, E&TC, Information Technology and Mechanical) and two P. G. programmes MBA, and ME (Comp Engg). It houses more than 2500 students and 200 staff members. Along with the focus on core academics, institution also takes care of overall personality development of the students. Institution has an active Robotics cell, SAE Collegiate Club, ISHRAE & ASHRAE Student Chapter, NSS, NCC, Training and Placement Cell etc.

Department of Mechanical Engineering

Mechanical Engineering Department is one of the finest and biggest departments of the institute established in 2006 with the present intake of 180 students for UG programme. This includes intake of 120 for first shift and 60 for second shift. The department is very well equipped with workshops, laboratories, departmental library and digital library facilities. Realizing the importance of learning beyond class rooms, the department encourages students to indulge in co-curricular activities. Department has established student chapters in association with International and National professional bodies like SAEINDIA, ISHRAE, ASHRAE, Institution of Engineers, ISTE, QCFI etc. Many of the students in department participate in technical, non-technical and cultural events on regular basis. To

name few eminent technical competitions are BAJA, SAE, Efficiency, GoKart, ROBOCON, Techno Chill, e-Yantra, Utkranti etc. Department has "Center of Excellence" in Robotics and Automation which provides the platform to students for showcasing their technical talents through various project development.

Objectives of the Program

1. Inculcate systematic process for new product development, Design Thinking, Tools of Design Thinking, Product Strategy, Concept Design, Detail Design and Development, Design Validation.
2. Exposure to Leading-edge Advanced Manufacturing, Additive Manufacturing, Digital Manufacturing, Industrial Robotics.

Expected Outcomes

1. Identification of design criteria, Idea analysis, Concept genesis and Prototyping
2. Participants will be able to Design and Develop new product,
3. Develop the ability of mentoring to invent new products, services and processes

Benefits to Faculty

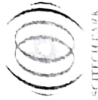
1. Up-gradation of knowledge in product design and development.
2. Creative process of conversion of ideas into product through product development cycle

Special Features

1. Industry relevant high-end softwares
2. Hands-on session on Advanced Manufacturing, Additive Manufacturing, Digital Manufacturing, Industrial Robotics

Who Should Attend?

1. Faculty and researchers from Mechanical / Electrical engineering departments.
2. Participant interested to augment theoretical & practical aspects in Product Design and Development.



TATA TECHNOLOGIES

Marathwada Mitramandal's
COLLEGE OF ENGINEERING

Karvenagar, Pune - 52.

Permanently affiliated to SPPU | Accredited with 'A' Grade by NAAC
'Best College' award in 2018-19 by SPPU

DEPARTMENT OF MECHANICAL ENGINEERING

One week Faculty Development Programme on

Product Design & Development Concept to Production

Date : 06th to 12th April, 2019

Registration Form

Name : _____

Institute : _____

Year : _____

Mailing Address : _____

e-mail : _____

Mobile No : _____

HOD / Principal
Signature

Participant Signature

**One week Faculty Development Programme on
'Product Design and Development – Concept to Production'**

In association with

Tata Technologies Limited, Pune

And

**Marathwada Mitramandal Center for
Invention, Innovation and Incubation (MMCIII)**

Organized by

Department of Mechanical Engineering, MMCOE, Pune

Duration: 6th April to 12th April 2019

Time: 10:00 AM to 5:00 PM

Venue: MMCIII, Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune

Programme Schedule

Day & Date	Topic	Time
Saturday, 6 th April 2019	Inauguration	10:00 AM
	High Tea	10:10 AM
	Overview of FDP – Mr. Pushkaraj Kaulgud, TTL, Pune	10:20 AM
Monday, 8 th April 2019	Design thinking Introduction to Design Thinking Tools of Design Thinking Phase I Explore Phase II Empathise Phase III Experiments Phase IV Engage Phase V Evolve	10:00 AM to 5:00 PM
Tuesday, 9 th April 2019	Product Design and Development Product Strategy Concept Design	10:00 AM to 5:00 PM

	Detail Design and Development Design Validation Prototyping and Manufacturing	
Wednesday, 10th April 2019	Demonstration of PDD with examples Example 1 Example 2 Example 3	10:00 AM to 5:00 PM
Thursday, 11th April 2019	Domain Learning in Automobiles Introduction to Automobile Various Systems and Sub Systems Auto Electricals and Electronics Automobile Materials Manufacturing Processes Regulatory Requirements	10:00 AM to 5:00 PM
Friday, 12th April 2019	Prototyping and Manufacturing Advanced Manufacturing Additive Manufacturing Digital Manufacturing Industrial Robotics	10:00 AM to 5:00 PM

Day schedule of the program:

Time	Activity
10.00 AM - 11.15 AM	First Session
11.15 AM - 11.30 AM	Tea Break
11.30 AM - 01.00 PM	Second Session
01.00 PM - 02.00 PM	Lunch Break
02.00 PM - 03.15 PM	Third Session
03.15 PM - 03.30 PM	Tea Break
03.30 PM - 05.00 PM	Fourth Session

List of Participants:

Sr. No.	Name of Faculty	Department	Organization
1	Dr. P.S. Purandare	Mechanical Engg	MMCOE, Pune
2	Dr. R.J. Yadav	Mechanical Engg	MMCOE, Pune
3	Dr. K.R. Patil	Mechanical Engg	MMCOE, Pune
4	Dr. V.R. Deulgaonkar	Mechanical Engg	MMCOE, Pune

5	Dr. V.W. Bhatkar	Mechanical Engg	MMCOE, Pune
6	Dr. P.K. Katare	Mechanical Engg	MMCOE, Pune
7	Mr. P.K. Tamkhade	Mechanical Engg	MMCOE, Pune
8	Mr. A.D. Desale	Mechanical Engg	MMCOE, Pune
9	Mr. G.R. Chaudhary	Mechanical Engg	MMCOE, Pune
10	Dr. V.N. Gohokar	Electrical Engg	MMCOE, Pune
11	Dr. M.R. Tarambale	Electrical Engg	MMCOE, Pune
12	Mr. P.R. Choube	Electrical Engg	MMCOE, Pune
13	Mr. S. D. Nimbalkar	Mechanical Engg	MITCOE, Pune
14	Mr. Vivek Deshmukh	Mechanical Engg	MITAOE, Alandi
15	Mr. R.S. Patil	Mechanical Engg	MMIT, Pune
16	Mr. S.S. More	Mechanical Engg	MMIT, Pune
17	Mr. D.P. Yesane	Mechanical Engg	MMIT, Pune
18	Mr. E.D. Kurhe	Mechanical Engg	MMIT, Pune
19	Mr. R.P. Dharmale	Mechanical Engg	MMPOLY, Pune
20	Mr. P.A. Jadhav	Mechanical Engg	MMPOLY, Pune



Dr. P. K. Katare
Co-Convenor



Dr. K. R. Patil
Convenor

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year: 2019-20 (Sem-I)

Event Name: One day Resource Person Training workshop on 'making and flying a rubber powered aircraft model' in association with Aeronautical Society of India (Pune chapter)

Event Date: 05th October 2019

Venue: Classroom AC 204, Dept. of Mechanical Engineering, MMCOE, Pune

One day Resource Person Training workshop on topic 'making and flying a rubber powered aircraft model' was organized at Marathwada Mitra Mandal's College of Engineering, Pune on 05th October 2019. This workshop was organized by Aeromodelling team 'ALERIOS' in association with Aeronautical Society of India (Pune chapter). The workshop was conducted by experienced Aeromodeller Mr. Madhav Khare, Former Key Resource Person in Aerodynamics and Aeromodelling, NCSTC (DST), Govt. of India. Total 20 students and 02 faculty members have participated in workshop. The workshop was successfully organized under the guidance of Dr. P. S. Purandare, HOD(Mech). The workshop was coordinated by Aeroclub team- Shantanu Sapre, Ashish Pandc, Atharva Gorc and Raunak Supekar.

Topics covered in Workshop:

1. Making and flying a rubber powered aircraft model from balsa wood
2. Designing of light weight aircraft and propellers
3. Learning to work as Resource Person in Aerodynamics and Aeromodelling

Outcomes:

1. Students acquired the fundamental knowledge of designing, making and flying a rubber powered aircraft model
2. Students learned the guidelines for designing of aircraft and propellers and can work as a Resource Person in further Aeromodelling events.

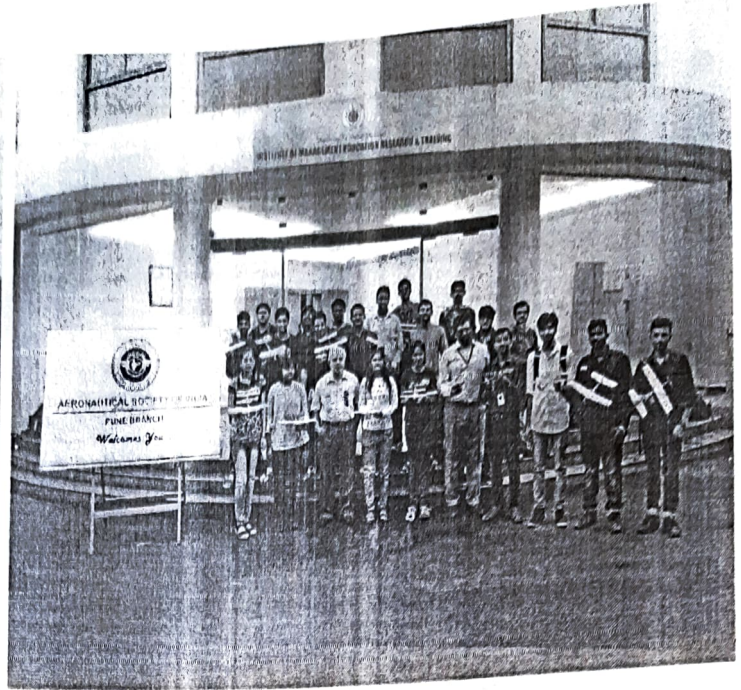
Concluding Remark:

The participants shared their feedback positively about the Workshop. All the participants have actively participated in all the session and completed Aeromodelling activity assigned.

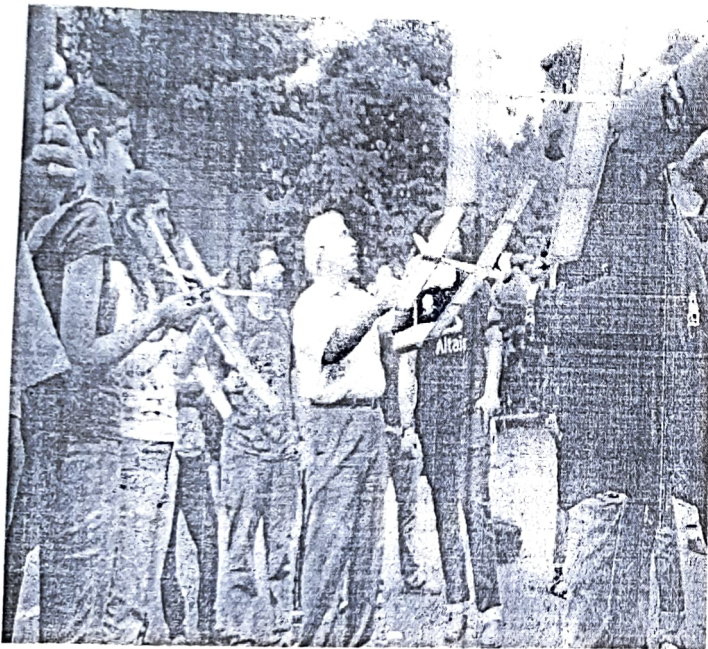
Photographs of the Events:



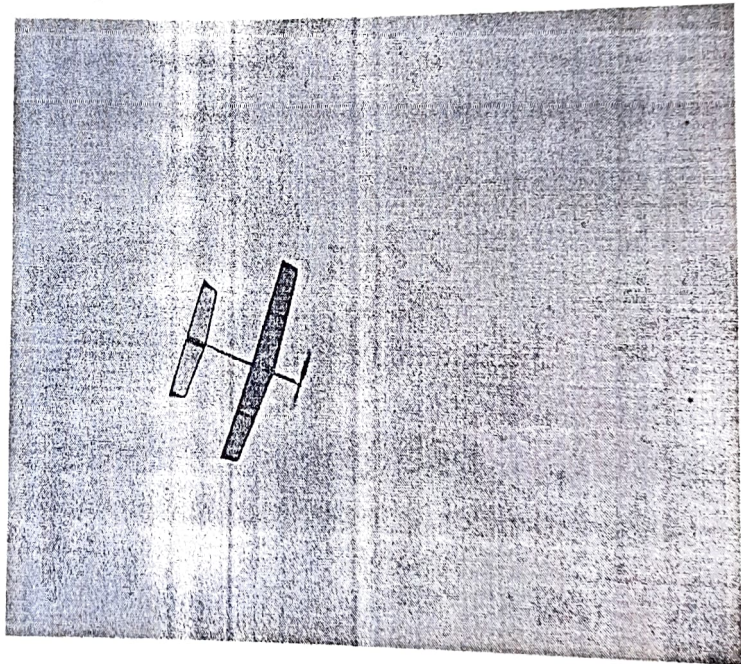
1. Theory Session by Mr. Madhav Khare



2. Participants with Mr. Khare and HOD(Mech)



3. Flying Checks at MMCOE Ground



4. Actual Flying of rubber powered aircraft model

Mr. Rahul U. Patil

Coordinator

Dr. P. S. Purandare

Chief Adviser

DEPARTMENT OF MECHANICAL ENGINEERING

ALERIOS AERO-CLUB was inaugurated on 17th September 2019 by the hands of **Shri KPS Murthy, Sc. H & Director HEMRL, Chairman Aeronautical Society of India, Pune. Air Vice Marshal (Retd) Ravindra Limaye** was the guest of honour for this event and **Executive members of the Aeronautical Society of India** also graced this occasion.

During the function, experienced aeromodellor **Mr. Madhav Khare, Former Key Resource Person, Aerodynamics, NCSTC(DST)** who is also the mentor of this club delivered a lecture on the topic '**Science of Flight**' with the help of indoor flying aircrafts.

ALERIOS Aero Club was formed on 1st July 2019 by a group of students of MMCOE; **Mr. Raunak Supekar, Mr. Shantanu Sapre, Mr. Ashish Pande and Mr. Atharva Gore** with the support of the advisory committee from the colleges under Marathwada Mitra Mandal. The club will focus on the various aspects of Aviation to inculcate hand-skills and experience based learning among youth.

Executive Committee:


PRESIDENT: Mr. Raunak Supekar
VICE PRESIDENT: Mr. Shantanu Sapre
SECRETARY: Mr. Ashish Pande
TREASURER: Mr. Atharva Gore

Advisory Committee:

Dr. S. M. Deshpande, Principal, MMCOE
Dr. P. S. Purandare, Head, Dept. of Mechanical Engg., MMCOE
Dr. K. R. Patil, Dean, Administration, MMCOE
Dr. V. R. Deulgaonkar, Dean, Student affairs, MMCOE
Dr. R. V. Bhortake, Principal, MMIT
Prof. R. S. Patil, Head, Dept. of Mechanical Engg., MMIT
Mrs. Geeta Joshi, Principal, MM Polytechnic
Mr. P. M. Dumbre, Head, Dept. of Mechanical Engg., MM Polytechnic

The Chief Mentor:

Mr. Madhav Khare, Former Key Resource Person (Aerodynamics), NCSTC (DST), Govt. Of India, Setlor and Managing Trustee, Shastravahini.


Dr. P. S. Purandare
Head, Mechanical

Marathwada Mitra Mandal's
College of Engineering
Karvenagar, Pune-52
Accredited with 'A Grade' by NAAC
Department of Mechanical Engineering

Date: 13/01/2019

Report of Two days Hands on Workshop on Vehicle Interior Design

Mechanical Engineering Department organized and conducted a two days hands-on workshop on Vehicle Interior Design in association with G2G Innovations, Pune for B.E Mechanical students on 11 & 12 January 2019. Felicitation of resource persons Mr. Sushil Bhagat was done by Dr. P. S. Purandare, Head, Mechanical Engineering and Mr. R. S. Yadav. Dr. V. R. Deulgaonkar, Convener of workshop, addressed the students during inaugural function.

Automotive interior designer tackles the challenge of fitting together all the components of the car while maintaining its aesthetics and comfort. Designers are also in charge of selecting the materials the different parts of the vehicle will be made of: fabric, plastic, metal, as well as the trim package. Workshop began with an overview of the entire interior and then moves into focused on the injected molded parts within the automobile. Students not only created features needed for plastic part design but they also learned the process behind the design. The workshop was conducted in two sessions per day (Morning & Afternoon). Total 20 B.E students actively participated in the workshop. Interactive sessions were conducted by Mr. Amit Badwaik from G2G Innovations, Pune.

The concluding ceremony for the hands-on workshop was conducted on 12th January 2019. Certificates were distributed after completion of the program. Dr V. R. Deulgaonkar presented vote of thanks. Organizing team included Dr. V. R. Deulgaonkar and Mr. R.S Yadav



Dr. V. R. Deulgaonkar
Workshop Convener



Dr. P. S. Purandare
Head,
Dept. of Mechanical Engineering

 **Marathwada Mitramandal's**
COLLEGE OF ENGINEERING
Karvenagar, Pune
(Accredited with 'A' Grade by NAAC) 

DEPARTMENT OF MECHANICAL ENGINEERING
Organised

Two Days Workshop on
Vehicle Interior Design

Sponsored by
G2G Innovation LLP, Kothrud Pune



Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Karvenagar, Pune -52
Accredited with 'A' Grade by NAAC

Registration for Two days Hands-on workshop on vehicle Interior Design

Sr.No.	Name of the student	Class (SE/TE/BE)	Mobile No.	Sign
1	Prgalbh Shrivane	SE	9766239484	<u>Prgalbh</u>
2	Rucha Barnobat	SE	9850079873	<u>Rucha</u>
3	Kedar Wadhavkar	SE	7261967323	<u>Kedar</u>
4	Chinmay Thite	SE	8087246530	<u>Chinmay</u>
5	Shantanu Sapre	SE	8446779570	<u>Shantanu</u>
6	Vaibhav Shelae	TE	8087347263	<u>Shelae</u>
7	Yashashree Naikar	SE	9763985286	<u>Yashashree</u>
8	Adwait Shiralkar	TE	8208352810	<u>Adwait</u>
9	Vivek Sutar	TE	9850012134	<u>Vivek</u>
10	Rohan Chavan	TE	8999938086	<u>Rohan</u>
11	Aditya Patil	TE	9623609000	<u>Aditya</u>
12	Sanket M. Bhujang	TE	7588037818	<u>Smb</u>

13	Sahil Bendure	TE	9028078418	<u>SABendure</u>
14	Rutuja Chikhale	TE	9657888061	<u>RChikhale</u>
15	Reenam Archundekar	TE	7264056178	<u>Reenam</u>
16	Swapnita Mukunda Joke	TE	9527197281	<u>Sw/ka</u>
17	Rutika Rahul Kadam	T.E.	9373527805	<u>RKadam</u>
18	Ameya Bulakh	TE	9403156929	<u>ABulakh</u>
19	Mahesh Dixit	T.E.	7350199304 988	<u>M.Dixit</u>
20	Shailendra Chofade	TE	8237620405	<u>SChofade</u>
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Dr. V. R. Deulgaonkar
Workshop Coordinator

Dr. P. S. Purandare
HOD (Mech.)

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Karvenagar, Pune -52
Accredited with 'A' Grade by NAAC

Attendance for Two days Hands-on workshop on vehicle Interior Design

Date: 10.01.2019

Sr. No.	Name of the student	Year(SE/TE/BE)	Sign
1	Prgalbh Shivane	SE	<u>Prgalbh</u>
2	Shivraj Narkhede	BE	<u>Shivraj</u>
3	Kedar Wadhavkar	SE	<u>Kedar</u>
4	Chinmay Thite	SE	<u>Chinmay</u>
5	Rueha Sarnobat	SE	<u>Rueha</u>
6	Shailendra Chopade	TE	<u>Shopade</u>
7	Vivek Sutar	TE	<u>Vivek</u>
8	Rohan Chavan	TE	<u>Rohan</u>
9	Adwait Shiralkar	TE	<u>Adwait</u>
10	Ameya S. Bulakh	TE	<u>ABulakh</u>
11	Mahesh A. Dixit	TE	<u>Mahesh</u>
12	Vivek Anli	SE	<u>Vivek</u>

13	Vaibhav Shelae	TE mech	<u>Shelae V.G</u>
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Dr. V. R. Deulgaonkar
Workshop Coordinator

Dr. P. S. Purandare
HOD (Mech.)

Department of Mechanical Engineering

Feedback - Guest Faculty

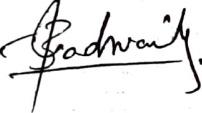
Date: 11/01/2019

1. Level of Communication by faculty
 a. Excellent b. Good c. Average
2. Hospitality offered
 a. Excellent b. Good c. Average
3. Venue arrangement
 a. Excellent b. Good c. Average
4. Level of understanding of student
 a. Excellent b. Good c. Average

5. Suggestion for Improvement.

All students are ok. their Grasping
power & speed are good as freshers.

Amit A. Badwalk (G2G Innovation)

Name of Expert with Sign 

Organization from:



Marathwada Mitra Mandal's COLLEGE OF ENGINEERING

Karvenagar, Pune
Accredited with 'A' Grade by NAAC

DEPARTMENT OF ENGINEERING SCIENCES

Date: 17/10/2018

Name of Event: Star Stories - Organized by Zenith Astronomy Club

Venue: Main Building Terrace

Time : 7 pm to 10 pm

An event named 'Star Stories' was organized by Zenith Astronomy club of MMCOE on 15/10/2018. The objective of this event was to discuss about space, birth of the stars, cosmic calendar, various events that take place in the universe and also to discuss how Engineering and Astronomy are interlinked.

30 Students from various branches participated in the event and took part actively in discussion. Volunteers of Jyotirvidya Parisanstha, Pune, guided the participants enthusiastically and made the event interesting. Students located the position of planets and few constellations in the sky.



Dr. A.S. Sawaikar

Faculty Advisor, Zenith Astronomy Club



Marathwada Mitra Mandal's COLLEGE OF ENGINEERING

S. No.18, Plot No.5/3, Karvenagar, PUNE - 411 052

Accredited with 'A' Grade by NAAC

Department of Engineering Sciences

Academic Year: 2018-19 (Sem – II)

Event Name: 100 hours of Astronomy

Event Date: 10 – 13/01/2019

Venue: MMCOE and Shama Prasad Mukharjee Udyan, Erandwane, Pune

Events	Date	Time
1. PPT Presentation on "Moon"	12 Jan 2k19	12 to 2 pm
2. Astro-Photography	12 Jan 2k19	5 to 9 pm
3. Astro-Meme making	12 Jan 2k19	

FREE of cost for all

For more information and registration contact Shweta Madhura
9511897556 9765229248

OUT OF THIS WORLD INTO DEEP SPACE

In 2019, the International Astronomical Union (IAU) is celebrating its 100th anniversary. To commemorate this milestone and to increase awareness about Astronomy, the IAU will organize various events to support and improve the use of astronomy as a tool for education and development under the central theme "Under One Sky" for the entire year. This celebration started by organizing the event named '100 hours of astronomy' throughout the globe from 10th to 13th January 2019.

Zenith Astronomy Club of MMCOE, in collaboration with Astronomy Clubs of other college's like VIT, COEP, Cummins, Modern College, Ferguson College participated in this event from Pune under the guidance of IUCAA, Pune. The event was celebrated by organizing various events such as presentation, astronomy related short films, Astro-photography, stargazing using telescopes, at MMCOE as well as at public places to create awareness about astronomy,

Around 100 students from MMCOE and other colleges attended various events at MMCOE while nearly 150 people along with their kids watched Crescent Moon through the telescope.



Dr. A. S. Sawaikar
Faculty Adviser,
Zenith Astronomy Club