



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

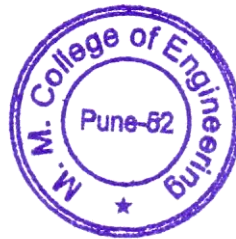
‘येथे बहुतांचे हित ।’

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

2019-20

Sr. No.	Name of the workshop/ seminar/ conference	Page No.
1	One week Short Term Training program (STTP) on "Data Analytics using Machine Learning for High Performance Computing"	5
2	Seminar on "Guidelines of BE project"	12
3	One Week FDP on PHP & MySQL in Association with Spoken Tutorial IIT Bombay	13
4	Two days workshop on "IoT with hands-on on embedded system" for SE students	15
5	One day workshop on "AWS Cloud" under CSI for BE students	17
6	Two days workshop on "Essence of OpenGL"	19
7	Online Hands-on session on LATEX under ISTE students Chapter	21
8	Seminar on "Agile frameworks" for TE students	23
9	One day Workshop on "Hands-on session on MongoDB" held under CSI-MMCOE chapter	24
10	One day Workshop on "Website Development" for SE Students	25
11	One day workshop on Blockchain Bootcamp in association with Snappers Indian Blockchain Institute (IBI)	27
12	Four days workshop on "Python and Data Science" in association with ATS	29
13	One day workshop on Hibernate-Java under CSI for SE and TE students	31
14	One day workshop on BLENDER : Open Source Tool for Animation	33
15	Five days FDP on "Data Science and Big Data Analytics" in association with ICT Academy	35
16	One week workshop on MATLAB and Electrical Measuring Instruments	38
17	One Week workshop on "Power Electronics component selection, testing and Prototype Making"	49
18	One Week workshop on "Automation Technologies"	54
19	Workshop on "Solar thermal System"	63
20	Workshop on Wind Energy Systems	69



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Academic Year
2019-20

Sr. No.	Name of the workshop/ seminar/ conference	Page No.
21	Workshop on Research Paper Writing	70
22	One day workshop on "Student Solar Ambassador	74
23	Workshop on Spreadsheet	78
24	Three Days Workshop on : Python based Artificial Intelligence	81
25	Hands on Training on “Proteus”	82
26	Three Days Workshop on : Advanced Projects based on IoT	84
27	Two Days Hands on Training on: PCB Designing and Etching	86
28	One Day Workshop on Python	87
29	EYIC Regional Final and Industry Conclave in association with IIT Bombay	88
30	One day Workshop -Hands on session on PCB Design and Implementation	91
31	One day seminar on " Basics of PLC " sponsored by B & R Automation	92
32	Health and Happiness workshop for Students	93
33	Three days online FDP in " Recent Trends in Technology & Digital Education"	94
34	One week Faculty Development Program on "PHP and MySQL" in association with Spoken Tutorial IITB	96
35	One Day workshop on C and C++ under IITB Remote Centre	98
36	One week Hands-on workshop on Python in association with MCIII	101
37	Workshop on Python Programming	102
38	Workshop on IoT “eSim” Inder Remote Centre IITB	106
39	Cross platform Mobile App Development (CPMA) by ATS	108
40	One week FDP on Data Science & Big Data Analytics	112
41	Workshop on C Programming	115
42	One day Faculty Development Program on "Python" under the scheme of the (PMMMNMTT), MHRD, Govt. of India	118
43	2 Days Hands-on Workshop on CATIA	120
44	2 Days Workshop on Computer Aided Engineering using Altair HyperWorks HyperMesh Software	124
45	Build Solar Panels from Fruit Juice and Produce Electricity	130



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Academic Year
2019-20

Sr. No.	Name of the workshop/ seminar/ conference	Page No.
46	Rocketry and CANSAT workshop - Organized by Zenith Astronomy Club	136
47	Chandrayaan 2 launching live streaming event	139
48	Solar Eclipse viewing event	140

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

Accredited with 'A' Grade by NAAC

DEPARTMENT OF COMPUTER ENGINEERING

Date : 14/06/2019

Report on
One Week Short Term training Program(STTP)
On
“DATA ANALYTICS USING MACHINE LEARNING FOR HIGH PERFORMANCE
COMPUTING”
(3rd to 7th June 2019)

A One Week Short term training program on “DATA ANALYTICS USING MACHINE LEARNING FOR HIGH PERFORMANCE COMPUTING” was held at the Department of Computer Engineering of Marathwada Mitra Mandal's College of Engineering from, 3rd to 7th June 2019.

This STTP aimed to give exposure to recent advances in the area of Machine learning , Big data and High Performance Computing to the participants.

Objectives of STTP:

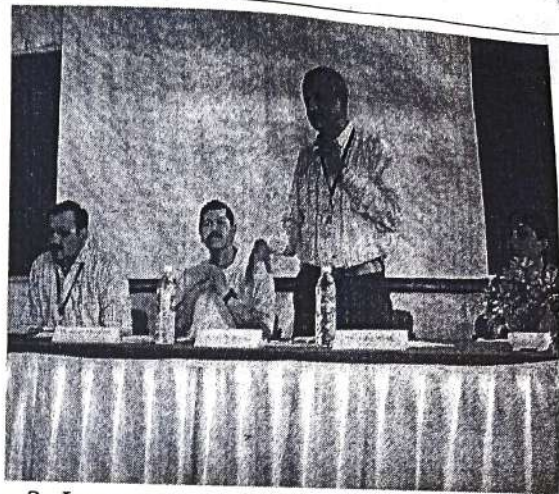
1. To understand human learning aspects & relate it with Machine learning concepts by applying Machine learning algorithm to find optimized solution for given problem
2. To design and implement various supervised and unsupervised Machine learning algorithms like regression, classification, clustering, and statistical analysis.
3. To implement different learning models, to learn data classifier and deep learning concepts.
4. To know research opportunities in DA using Machine Learning in HPC

The participants also got insights of research opportunities in ML,DA &HPC. The STTP attended by 18 faculty members across various colleges under SPPU.

Dr. Sandeep Chaware was Convener and **Prof. Asma Shaikh , Prof. S.B.Jadhav** was Coordinator of this STTP.



Img 1: Felicitation of Dr. Abhyankar Sir

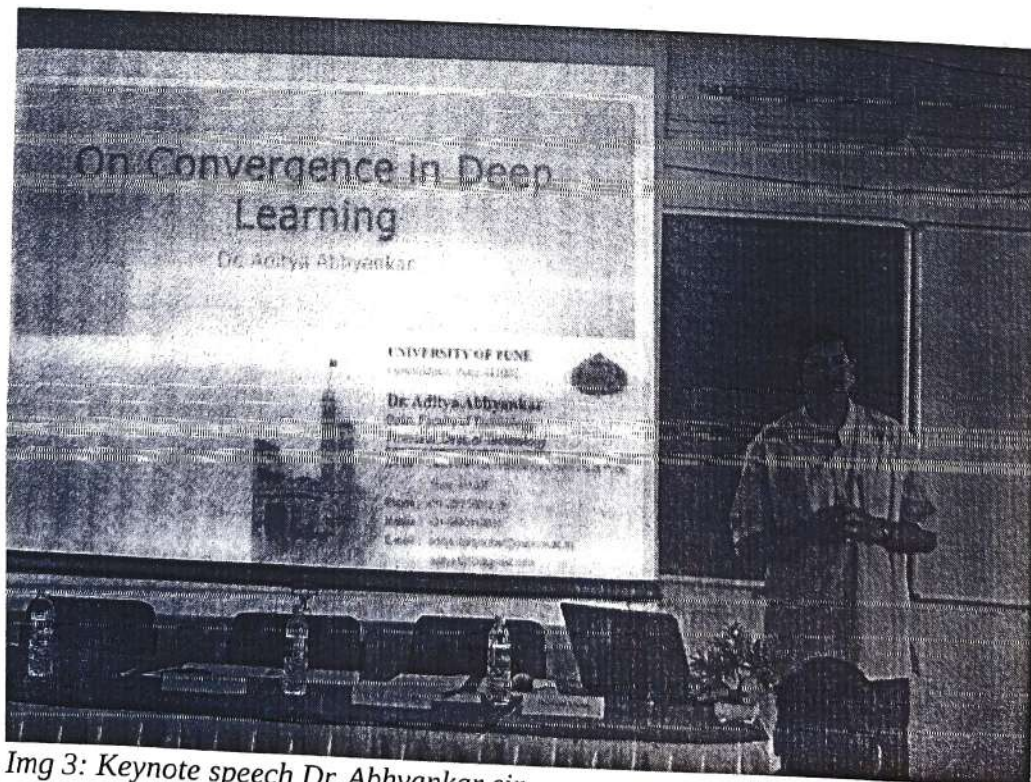


Img 2: Inauguration function

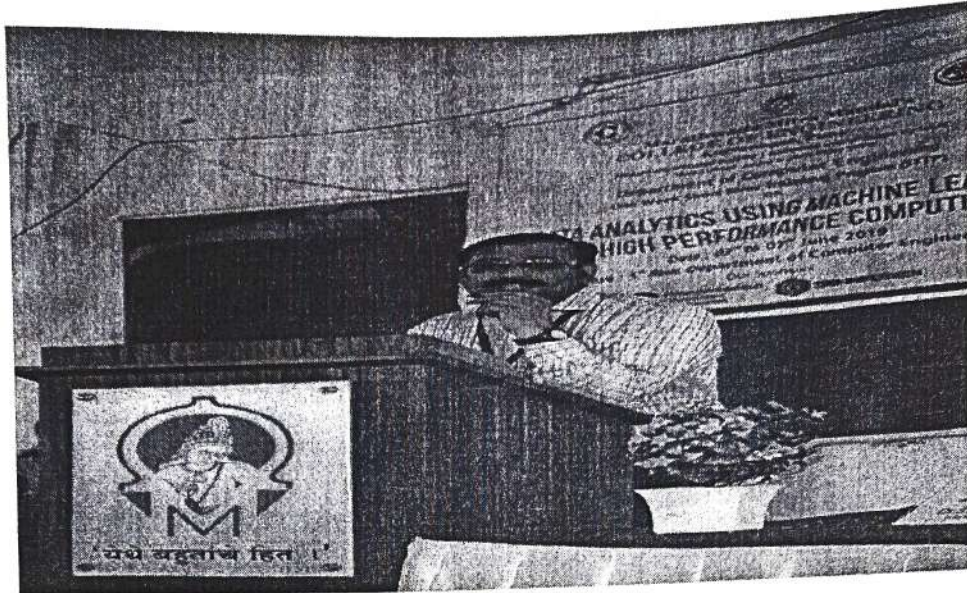
INAUGURAL SESSION:

The esteemed personalities were present on the inauguration of the programme:

- Dr. Aditya Abhayankar, Technology Dept. SPPU
- Dr. S. M. Deshpande, Principal, MMCOE
- Dr. S.M. Chaware , HOD, Comp. Engineering. MMCOE, Pune
- Mrs. Asma Shaikh, Coordinator , STTP
- Mrs. S.B. Jadhav, Coordinator, STTP



Img 3: Keynote speech Dr. Abhyankar sir



Img 4: Welcome note by Dr. Sandeep Chaware

Prof. S. M. Chaware, Convener of STTP and Head of Computer Engineering, MMCOE presented welcome note and gave introductory note about the purpose and objectives of the STTP on behalf of Organizing Committee.

Dr. S. M. Deshpande, Principal, MMCOE addressed the participants about the STTP.

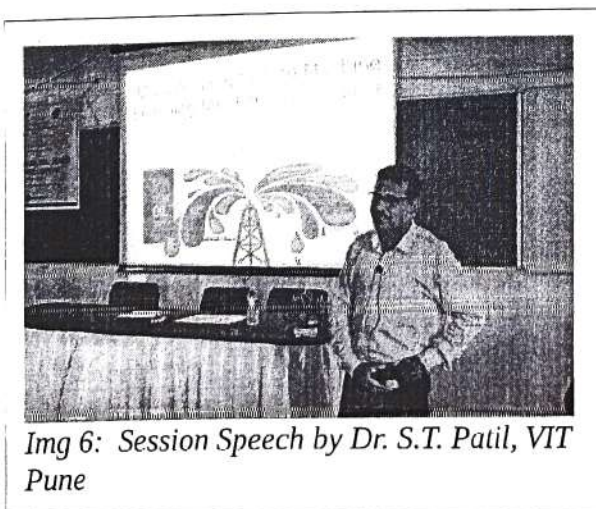
TECHNICAL SESSIONS:

1st Day (3/06/2019) Session I:

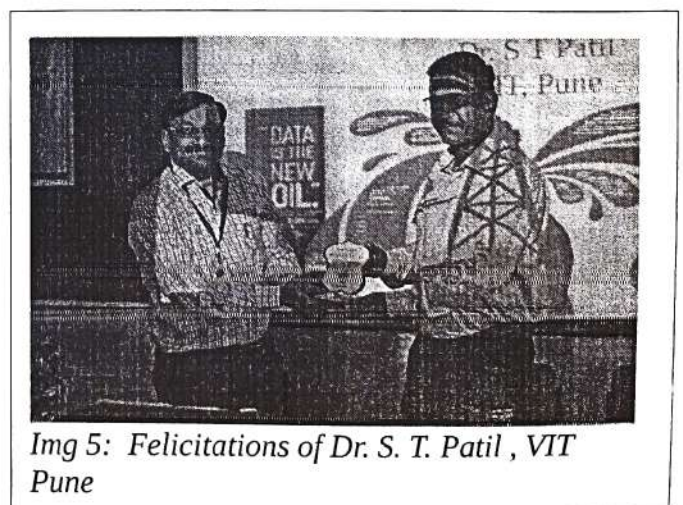
Dr. Aditya Abhyankar, Technology Dept. SPPU, delivered a Keynote Speech on convergence of Data Science. In this session, participants learned the concept of Data Science and Machine Learning.

1st Day (3/06/2019) Session II:

Dr. S.T.Patil, VIT Pune, has given session on the topic "Data Optimization Techniques using Genetic Algorithms".



Img 6: Session Speech by Dr. S.T. Patil, VIT Pune



Img 5: Felicitations of Dr. S. T. Patil, VIT Pune

1st Day (3/06/2019) Session III:

Mrs. Swapnaja Hiray, has given a session on Data Analytics case studies. In this session, the participants were briefed about Data Analytics.

2nd Day (4/06/2019) Session I:

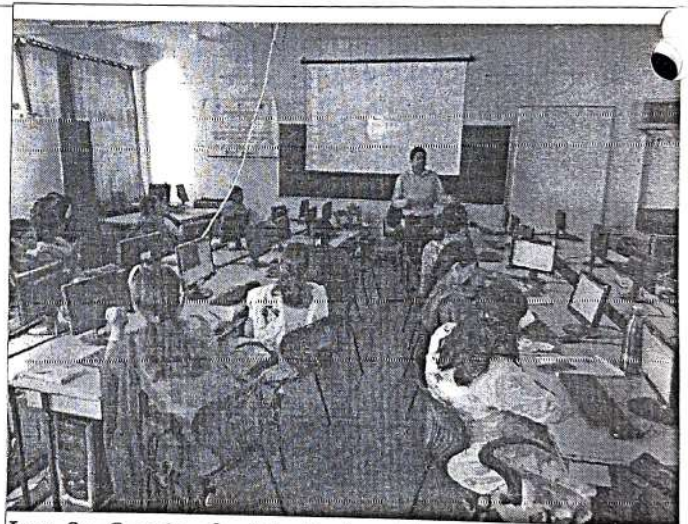
Mr. Tushar Kute, Mitu Technologies, delivered a session on “Advances in Machine Learning-Regression & Classification” using Scikit learn of machine learning library for the Python programming language. In this session, participants learned implementation of Regression & Classification.

2nd Day (4/06/2019) Session II:

Dr. S.T.Patil delivered a session on “SVM and Back propagation Algorithms”. In this session, participants learned implementation of Text Classification using Python.



Img 7: Felicitations of Mr. Tushar Kute, Mitu Technologies



Img 8 : Session by Mr. Tushar Kute, Mitu Technologies

2nd Day (4/06/2019) Session III:

Mr. Sumeet Patil, conducted hands on session on “Data Science”. In this session, participants enjoyed practical demonstration of python.

3rdDay (05/06/2019) Session I:

Dr. K. S. Oza conducted session on Text Classification using Python. In this session, she demonstrated text classification and their applications in ML.

3rd Day (05/06/2019) Session II:

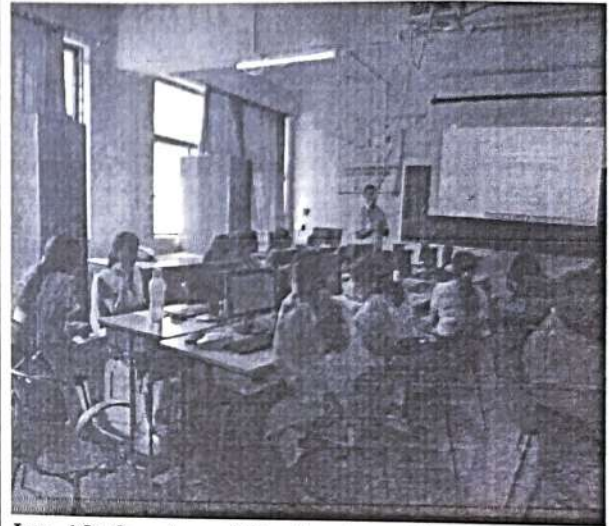
Dr. Meenakshi Thalor , conducted a hands on session on statistical methods for evaluation. In this session, she has given demonstration on different statistical methods using R Programming.

3rd Day (05/06/2019) Session III:

Dr. S. M. Chaware discussed about "Data Analytics Case studies". He has given presentation on different case studies of Data analytics



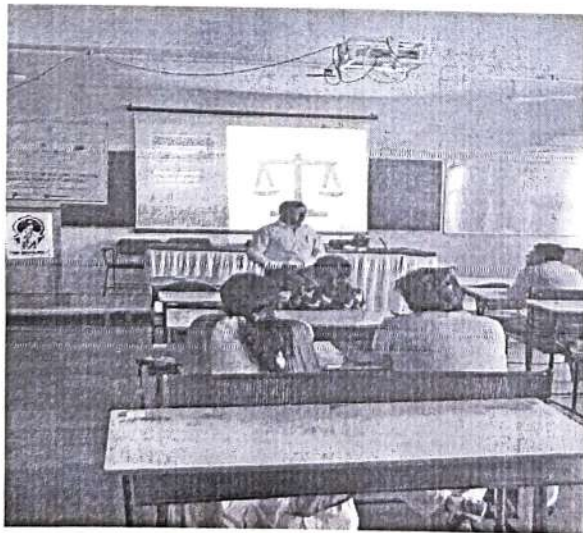
Img 9 : Felicitation of Dr. Oza madam



Img 10: Session of Dr. Sandeep Chaware sir

4th Day (06/06/2019) Session I :

Mr. Vinay Deshpande, NVIDIA, Pune delivered lecture on HPC application domains using GPU. In this session participants learned about different computing technologies like OpenMP, CUDA and MPI for HPC .



Img 11: Session by Dr. Mahurkar sir



Img 12: Session by Mr. Vinay Deshpande

4th Day (06/06/2019) Session II :

Dr. Prachi Joshi, Head Research, iknowlation Labs Pune , demonstrated about tools and Techniques Advanced Data analytics.

4th Day (06/06/2019) Session III:

Dr. Anand Mahurkar, IPR Consultant delivered lecture on IPR and Patent for Data Science . In this session participants learned about Intellectual Property.

5th Day (07/06/2019) Session I:

Dr. Manasi Patwardhan ,Research Scientist,Tata Research , took interactive session on Data Analytic approaches using Deep Learning.

5th Day (07/06/2019) Session II

Dr. Shrirang Karandikar, conducted session on IIPC trends in Industry and demonstrated parallel matrix multiplication operations.

CONCLUDING REMARK:

The participants shared their feedback positively about the STTP. All the participant have actively participated in all the session and completed the activity assigned to them.



Img13: Participants

Glimpses of STTP



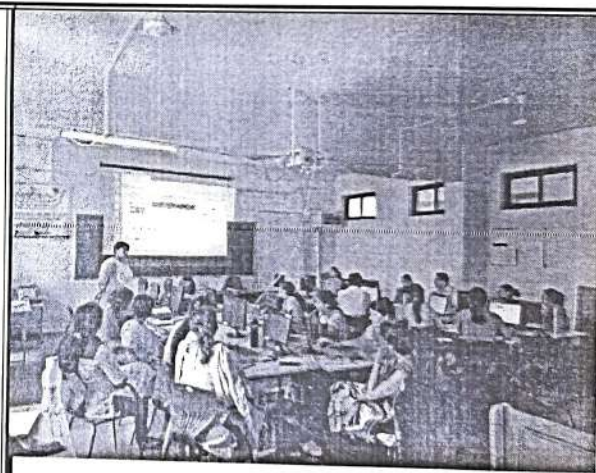
Img 15 : Participants was giving their feedback



Img 16: Session by Dr. Shirang Karandikar



Img17 : STTP coordinator Ms. Asma Shaikh was giving vote of thanks



Img18: Session by Dr. Meenakshi Thakor, ASSMS IOIT

STTP Coordinator

HOD, Comp

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

Department of Computer Engineering

Report of Extra session

Topic: BE-Project Management

Date & Time : 06/07/2019 at 2:00 P.M. to 02:30 P.M.

Class : BECOMP-I & II

No. of participants: 112

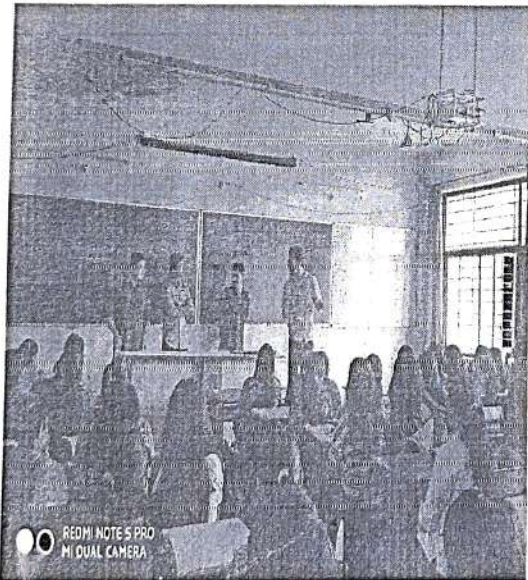
Co-ordinators for Session : Ms. S. P. Mone

Speaker of Guest Lecture: Mr. Bharat Mazire, Mr. Omkar Pathak, Mr. Chinmay Kaudanya, Mr. Akash Nalawade

Topics covered:

- 1) How to handle hurdles for finalizing BE-project title
- 2) Guidelines on design, implementation
- 3) Industry expectations from BE Projects

Photos with caption:



Delivering Guest Lecture

Output:

Students have acknowledged by extra information about the said topics. The information is useful for BE-project management. It will help to enhance their BE-Project with additional ideas that are mentioned by the speaker.


Project Co-ordinator


HOD

Department of Computer Engineering

Date- 09/05/2020

Academic Year 2019-2020, Sem-II

Report of FDP

Topic: PHP and MySQL in Association with Spoken Tutorial IIT Bombay

Date & Time: 30th April to 5th May 2020 10.00AM to 5.00PM

No. of Participants: 128

Mode of Conduction: Online

Co-ordinator for the FDP: Ms. Anita Shinde

Speaker of Guest FDP: Spoken Tutorial Online Videos

Topics covered in FDP:

- XAMPP in Windows and Linux
- Variables , Operators and Control structures (while , do while, for , foreach etc)
- Functions
- PHP String Functions
- File uploading
- MD5 Encryption
- Sending mail
- User Registration
- User Login and password change

Outcome for FDP:

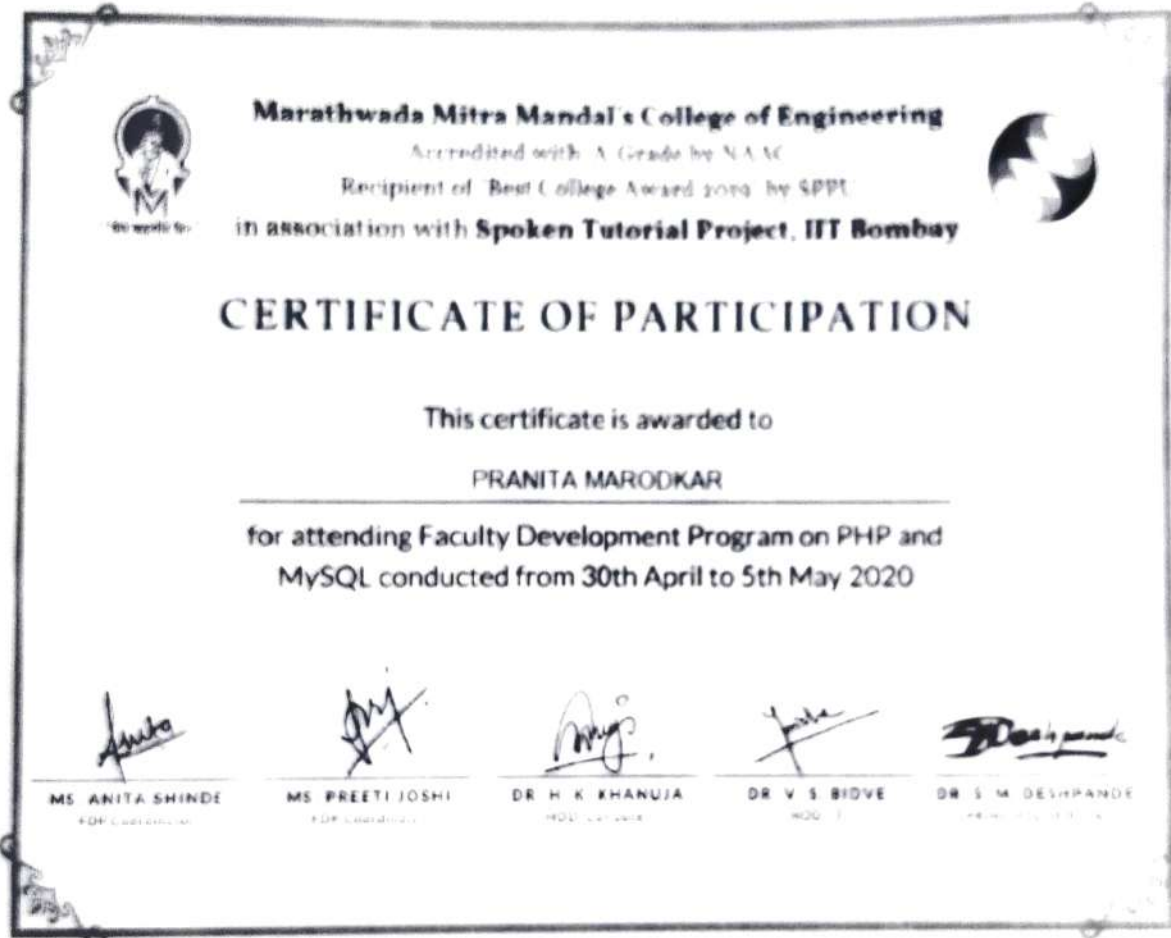
Participants are able to

- Understand and design complex engineering problem using modern tools (PO3,PO4,PO5) and motivated to learn new technologies (PO12) for solving real time /social problems(PO6,PO7) by applying engineering knowledge(PO1).
- Observe professional ethics (PO8) and effective way of communication and interaction (PO10)

Relevance to POs and PSOs for FDP:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2		2	2	2	1	1	2		2		1	1	2	2

Sample Certificate:



Anita
 Ms. Anita Shinde
 Staff Coordinator

Harmeet
 Dr. Harmeet Khanuja
 HOD Comp

Marathwada Mitra Mandal's
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Karvenagar, Pune

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Department of Computer Engineering

Report of two days workshop
on "IoT, Hands-on Session on Embedded System, case studies- smart hackathon 2020 "
under COE(IoT and Cyber forensics)

Academic Year: 2019-20 ,Sem-II

Date: 05-02-2020

Topic: IoT, Hands-on session on Embedded system and case studies from Hackathon 2020.

Date & Time : 29-01-2020-30-01-2020, 9.30 am to 4.30 pm

Class : SE

No. of Students: 21(19 comp+02 IT)

Venue: 511

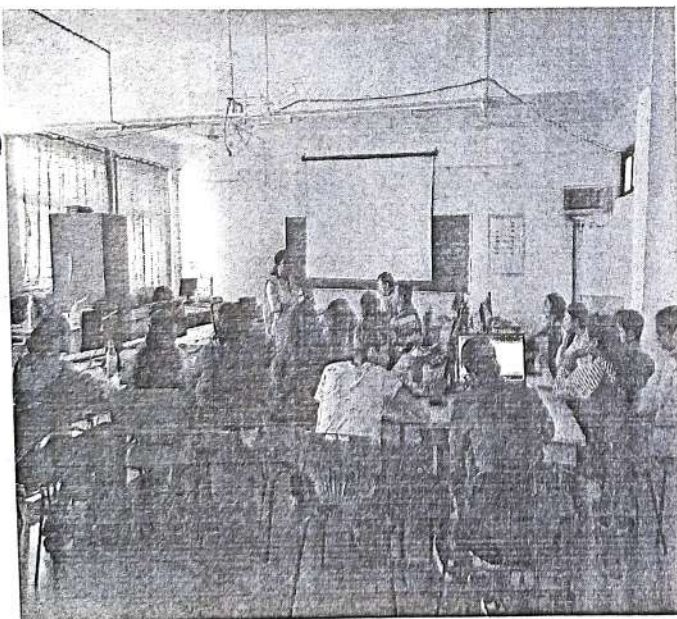
Co-ordinator and Speaker for the workshop: Ms. Sarita Sapkal , Ms. G.R.Chillarge

Topics covered:

- Introduction to IOT
- Arduino Programming
- Study of Sensors
- Connectivity of sensors with Arduino Uno and Raspberry Pi
- Case Study from Smart Hackathon 2020

Photos with caption:

Technical Session



Outcome of Workshop:

Students are able to:

- Understand and design complex problems using modern tools(PO3,PO4,PO5) and motivated to learn new technologies(PO12) for solving real time/social problems(PO6,PO7) by applying Engineering Knowledge(PO1)
- Observe Professional ethics(PO8) and effective way of Communication and Interaction(PO10)

Relevance to POs and PSOs for Workshop:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO3
2	2	1	2	2	2	1	1	1	1		2	2		2

S. P. I. Gautha
Staff Coordinators

Ammy
HOD

MMCOE/Comp/File.No 31/2019-20/sem II

Department of Computer Engineering

Date- 12/03/2020

Academic Year 2019-2020, Sem-II

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

Topic: AWS Cloud

Date & Time : 11/03/2020 10.00 am to 4.30 pm

Class : BE students

No. of Students Present: 61

Venue: Thin Client Lab

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

Speaker of Workshop : Ms. Seema Dixit

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

Contact Number: 9960837786

Email Id: seemapdixit@gmail.com

Topics covered in Workshop :

Following topics was covered during Workshop

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

Outcome for Workshop :Students are able to,

- Understand and design complex engineering problem using modern tools (PO1,PO5) and motivated to learn new technologies (PO12) for solving real time /social problems(PO6) by applying engineering knowledge(PO1).
- Observe professional ethics (PO8) and effective way of communication and interaction (PO10)

Relevance to POs and PSOs for Workshop:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2				2	1		1		2	2	3	3		2

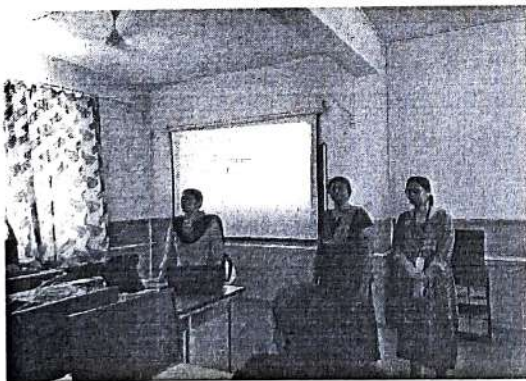
Photos with caption:



Hands-on Session on creating EC2 instance



Hands-on session on Demonstration of Saas



Valedictory Session

Beltu Geetha
Staff Coordinator

Ammy
HOD

Department of Computer Engineering

Date- 25/03/2020

Academic Year 2019-2020, SEM-II

Report of Workshop - "Essence of OPENGL"

Date & Time: 12/03/2020 & 14/03/2020, 8:30 AM to 4:30 PM

Class: SE, TE and BE & TE (E&TC& COMP)

No. of Students Present: 24

Venue: 606B

Co-ordinators for the guest lecture/Seminar: Mrs. S. P. Mone

Topics covered in the Workshop are:

- Applications and importance of computer graphics
- Rasterizer and Rendering
- Projections
- Animation
- Textures and Lights

Outcome of Workshop:

Students are able to

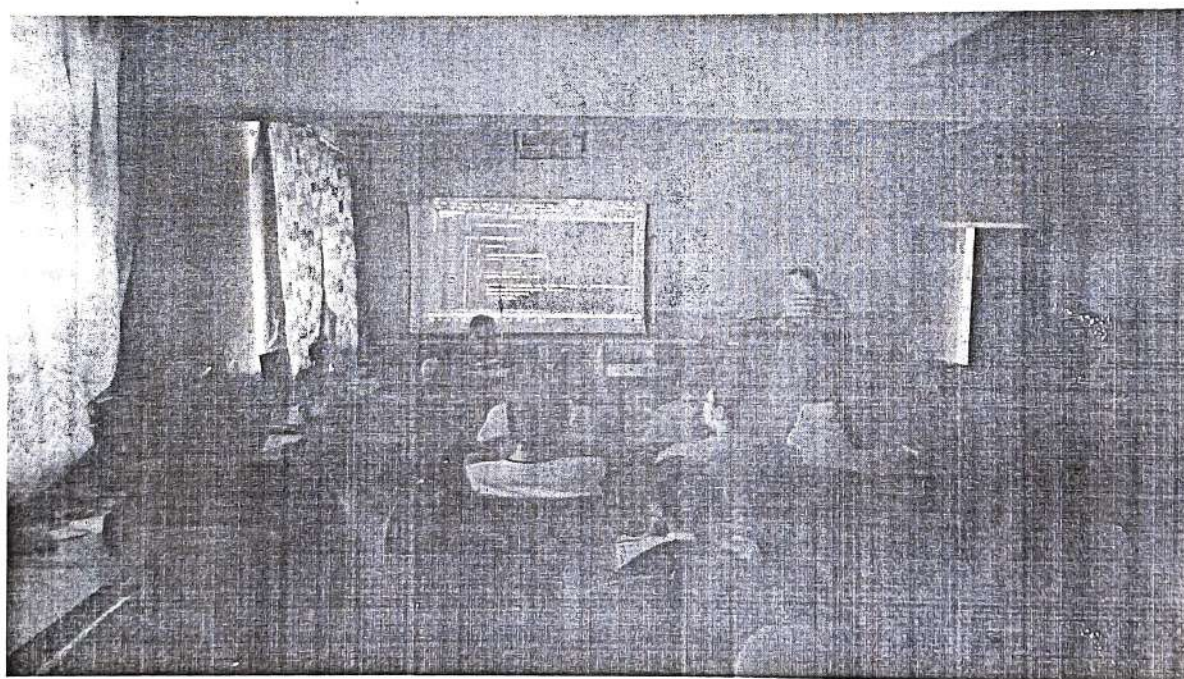
- Understand usage of Computer graphics in real life (PO5) and motivated to learn & use new technologies (PO12) for solving real time /social problems (PO6, PO7) by applying engineering knowledge (PO1).
- Observe professional ethics (PO8) and effective way of communication and interaction (PO10) during the session.

Relevance to POs and PSOs of Workshop:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2				2	1	1	2		2		3	2		1



Students are listening carefully



Explaining their own work

S. P. Mone

**Mrs. S. P. Mone
Workshop Coordinator**

H. K. Khanuja

**Dr. H. K. Khanuja
HOD**

Department of Computer Engineering

Academic Year 2019-2020, Sem-II

Report on Workshop on "LaTeX Report Writing"

Topic: Online workshop on LATEX Report Writing

Date & Time: 19th March 2020 & 10.30 am to 2.30 pm

Class: TE-I & II

No. of Students Present: 48

No. of Students Absent: 56

Venue: Online workshop through Google-meet

Co-ordinator for the Workshop: Ms. Pooja Deshmukh

Speaker of Guest Workshop: Ms. Pooja Deshmukh

Designation and Experience: Assistant Professor, MMCOE, Pune, 6 Years

Contact Number: 9028319200

Email Id: poojadeshmukh121@gmail.com

Topics covered in Workshop:

Following mentioned are the topics covered under this workshop:

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

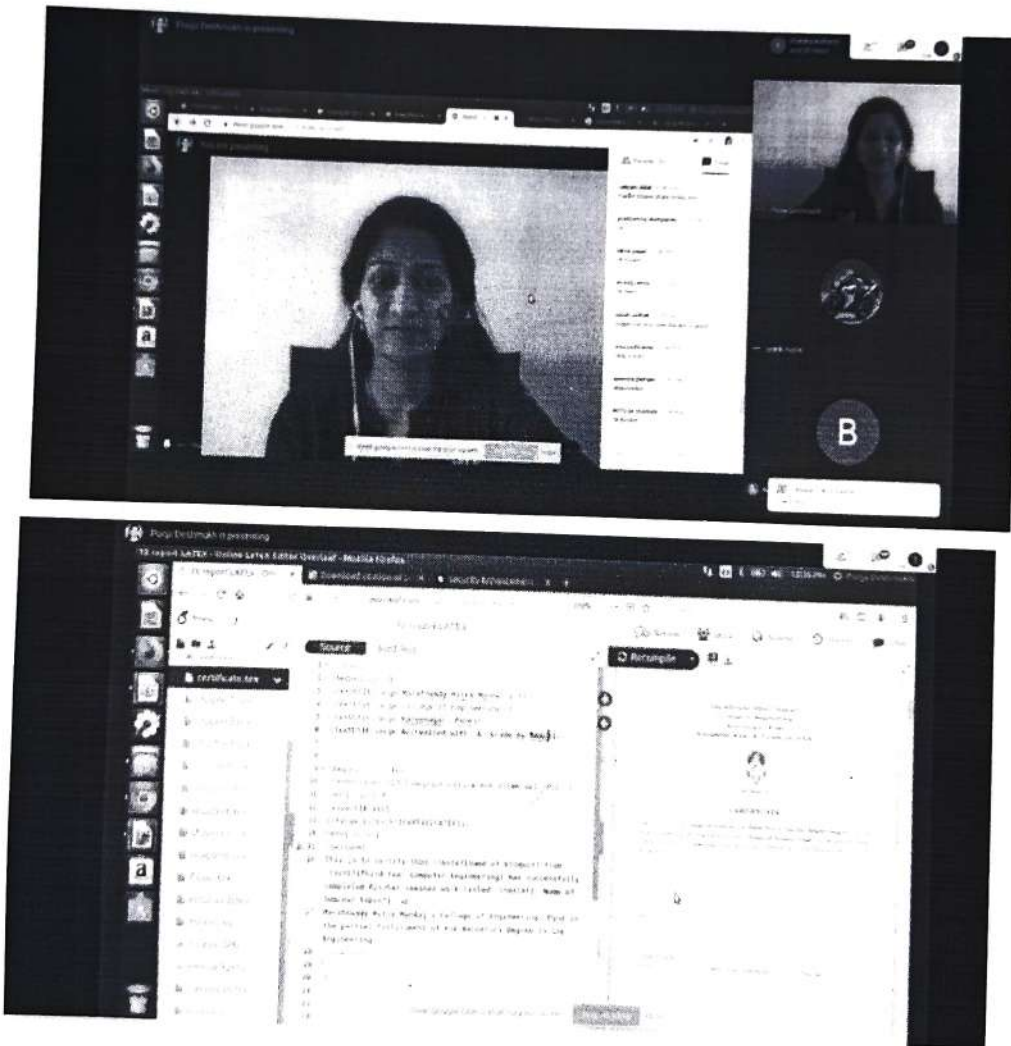
Outcome for Workshop:

- Understand and design complex engineering problem using modern tools (PO3,PO4,PO5) and motivated to learn new technologies (PO12) for solving real time /social problems(PO6,PO7) by applying engineering knowledge(PO1).
- Observe professional ethics (PO8) and effective way of communication and interaction (PO10)

Relevance to POs and PSOs for Workshop:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2		2	2	2	1	1	2		2		3	3	2	2

Photos with caption:



Ms. Pooja Deshmukh
Seminar coordinator

Pooja Deshmukh
HOD

Department of Computer Engineering

Department of Computer Engineering

Date: 03/08/2019

Report of Seminar on "Agile Frameworks" under CSI

Date and Time: 02/08/2019, 09:15 am to 11:15 pm

Class: SE and TE class

No. of participants: 70

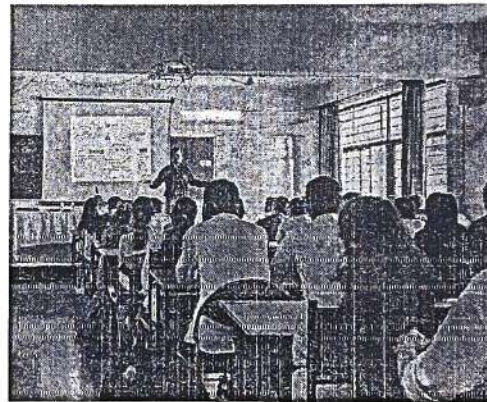
Faculty Co-ordinators: Ms. Asma Shaikh

Resource Person: Mr. Prashant Pund, Agilesoft Methodologies

Department of Computer Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, has organized Expert Session on 'Agile Framework' under CSI Students' Chapter on 2nd August 2019 for TE Computer Engineering students. The session was conducted by Mr. Prashant Pund, Founder of AgileSoft Methodologies, Pune.

Mr. Prashant Pund discussed key concepts of Agile Framework and Scrum within this interactive session. He exposed students to the gateway of job opportunities facilitated by Agile Methodologies. The expert has introduced the latest trends in Industry and various certification courses beyond syllabus for the career betterment of the students. Mr. Prashant Pund has offered guidance to one student group for their product development .

Photos:



Relevance to PO & PSO:

POs : PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO10

PSOs : PSO1,PSO2,PSO3

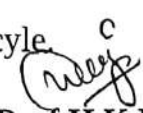
Conclusion:

The students got to know about the working of a real industry and got understanding of Agile Frameworks. They learnt about technologies used in Software Engineering industry.

Outcomes:

1. Students understood the use of Agile Framework
2. Students got acquainted with Scrum model of Agile
3. Students got to know use of lifecycle of software development lifecycle


Ms. A.A. Shaikh
CSI Coordinator


Prof. H.K. Khanuja
HOD, Comp

Department of Computer Engineering

Date: 12/08/2019

Report of One Day Workshop on "Hands-on session on MongoDB" under CSI

Date and Time: 09/08/2019, 9:15 am to 04:15 pm

Class: TE I & II

No. of participants: 76

Faculty Co-ordinators: Ms. Asma Shaikh, Ms. Pradnya Mehta

Resource Person: Mr. Sandeep Nagpure, Senior Analyst ,Accenture.

Topics Covered:

1. Introduction to MongoDB's and salient features.
2. Hands-on working of MongoDB.
3. Highlights of Cassandra.
4. Discussion of real-time applications of MongoDB and Cassandra.

Photos:



Relevance to PO & PSO:

POs : PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO10

PSOs : PSO1,PSO2,PSO3


Conclusion:

The resource person for the session discussed various functionalities of MongoDB such as CRUD operation, Aggregation, Indexing and Map Reduce. Cassandra NoSQL database (Content Beyond syllabus) is introduced in this interactive session. The students got opportunity to execute hands-on session on MongoDB. Real-time applications and industry-usage of MongoDB understood to the students.

Outcomes: Students are able to understand,

1. Importance of Data Base Management system in industry.
2. Various types of NOSQL Data Bases.
3. Real time applicability of MongoDB and Cassandra.


Ms. A.A. Shaikh
CSI Coordinator


Prof. H.K. Khanuja
HOD, Comp

Department of Computer Engineering

Date- 07/09/2019

Academic Year 2019-2020, Sem-I

Topic : Workshop on Website Development under ACES

Date & Time : 24th August 2019

Class : SE I&II

No. of Students Present: 79

Co-ordinator for the Workshop : Ms. Pooja Deshmukh, Ms. Ashwini Bhugul

Speaker of Guest Workshop : Mr. Rohan Thuse

Designation and Experience: Director, Shariwa Solutions, Pvt, Ltd

Contact Number: 9763173360

Email Id: rohanthuse@gmail.com

Topics covered in Workshop:

- 1: Introduction to wix website development
- 2: Demo on creating your own website using wix
- 3: Hands on session on website development and domain registration

Outcome for Workshop :

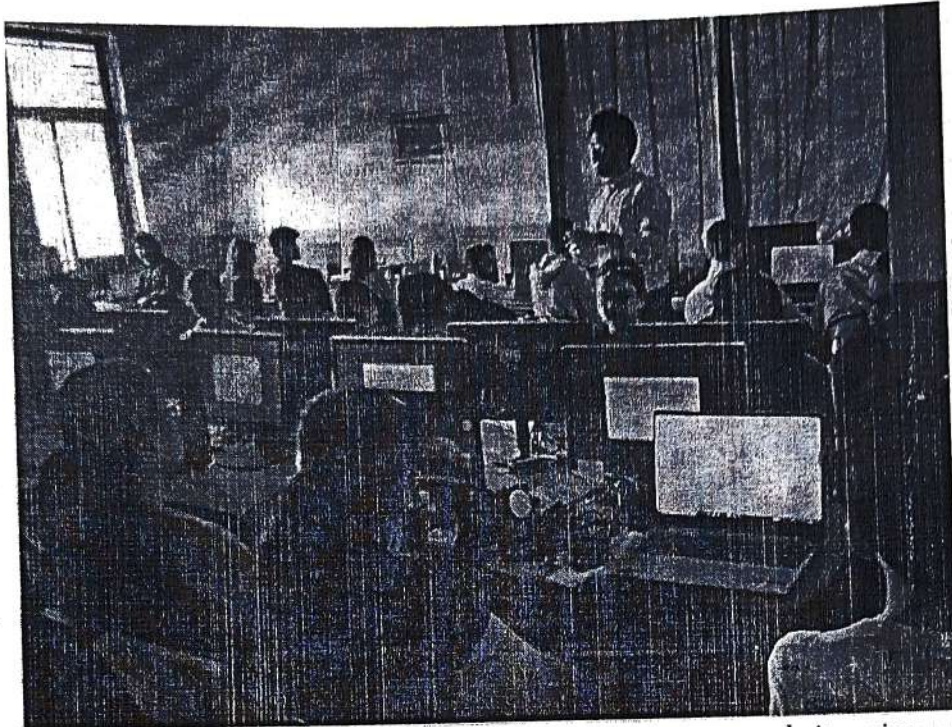
Students are able to

- Understand and design complex engineering problem using modern tools (PO3,PO4,PO5) and motivated to learn new technologies (PO12) for solving real time /social problems(PO6,PO7) by applying engineering knowledge(PO1).
- Observe professional ethics (PO8) and effective way of communication and interaction (PO10)

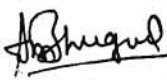
Relevance to POs and PSOs for Workshop:


PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2		2	2	2	1	1	2		2		3	3	2	2

Photos with caption:



Mr. Rohan Thuse giving demo on "how to create your own website using Wix"


Staff Coordinator


HOD, Comp

Department of Computer Engineering

Date- 28/08/2019

Academic Year 2019-2020, Sem-I

Report of Blockchain Bootcamp

Topic: Blockchain Bootcamp

Date & Time : Tuesday 27th August 2019, 9.00am to 6.00pm

Class : SE (I & II) & TE (I & II)

No. of Students Present: 35

No. of Students Absent: NIL

Venue: Lab No 606B (Sixth Floor)

Co-ordinator for the Workshop/FDP/STTP: Ms. Anita Shinde

Speaker of Guest Workshop/FDP/STTP: Mr. Shihash Kunju

Designation and Experience: Business Analyst , 2 Yrs

Contact Number: 9022057986

Email Id: shihash.kunju@snapperfuturetech.com

Topics covered in Workshop/FDP/STTP

- What is Blockchain?
- Blockchain Potential
- Blockchain Adoption
- Blockchain Challenges
- Blockchain Use Cases
- Blockchain Concepts

Outcome for Workshop/FDP/STTP:

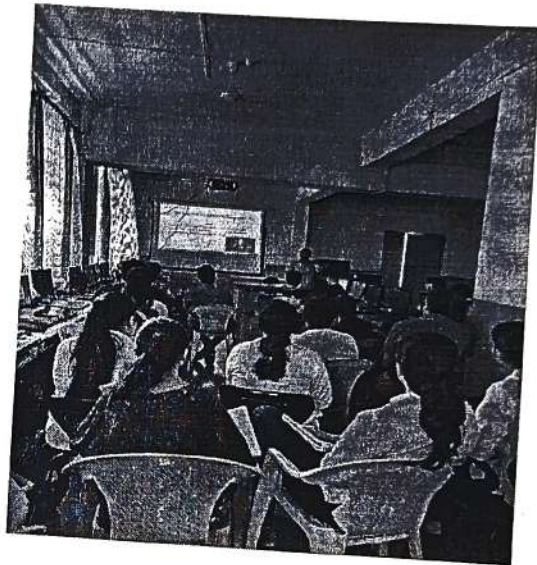
Students are able to

- Understand and design complex engineering problem using modern tools (PO3,PO4,PO5) and motivated to learn new technologies (PO12) for solving real time /social problems(PO6,PO7) by applying engineering knowledge(PO1).
- Observe professional ethics (PO8) and effective way of communication and interaction (PO10)

Relevance to POs and PSOs for Workshop/STTP/FDP:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2		2	2	2	1	1	2		2		3	3	2	2

Photos with caption:



[Signature]
Staff Coordinator

[Signature]
HOD

Department of Computer Engineering

Date- 02 /09/2019

Academic Year 2019-2020, Sem-I

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

Topic : "Data Science with Python and R"

Date & Time : 28th August 2019 to 31st August 2019

Class : TE I&II

No. of Students Present: 25

Venue: Software Engineering Lab (504)

Co-ordinator for the Workshop : Ms. Asma A. Shaikh

Speaker of Guest Workshop : Ms. Nazira Shaikh

Designation and Experience: ATS Infotech , 2 Years

Contact Number: 8788583850

Email Id: Nazira73@gmail.com

Topics covered in Workshop:

Day 1: Python Basics

Day 2: Anaconda installation and working with Jupyter -Data Science

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

Day 4: Implementing Data Science using R Programming

Outcome for Workshop :

Students are able to

- Understand and design complex engineering problem using modern tools (PO3,PO4,PO5) and motivated to learn new technologies (PO12) for solving real time /social problems(PO6,PO7) by applying engineering knowledge(PO1).
- Observe professional ethics (PO8) and effective way of communication and interaction (PO10)

Relevance to POs and PSOs for Workshop:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2		2	2	2	1	1	2		2		3	3	2	2

Photos with caption:



Fig 1. Felicitations of Guest



Fig 2. Participants



Fig 3. Topic Explanation



Fig 4. Valedictory Function

Conclusion :

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


Staff Coordinator


HOD, Comp

Department of Computer Engineering

Date: 11/02/2020

**Report on one-day Hands-on Workshop on 'Hibernate'
under CSI Students' Chapter, MMCOE.**

Date and Time: 11/02/2020, 09:30 am to 04:30 pm

Class: TE I & II

No. of participants: 41

Faculty Co-ordinators: Ms. Asma Shaikh, Ms. Vandana Rupnar

Resource Person: Mr. Kunal Sonu, Director, ExtremityIndia Technologies. Pune

Topics Covered:

1. Introduction to Hibernate's salient features.
2. Hands-on working of Hibernate.
3. Highlights of Hibernate.
4. Discussion of real-time applications of Hibernate.

Photos:



(Dr. H.K. Khanuja, HOD, Comp felicitating Mr. Kunal Sonu)



(Participants with the resource person, HOD and the CSI SC members)



(Dr. H.K. Khanuja, HOD, Comp was giving Participation Certificates)



(Participants with the resource person)

Relevance to PO & PSO:

POs : PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO10

PSOs : PSO1,PSO2,PSO3

Conclusion:

The key resource person for the session discussed various functionalities of Hibernate and gave glimpses of its working in this interactive session. The students were given an opportunity to try out these concepts proactively in the hands-on session. The students also got introduced to the real-time applications and industry-usage of Hibernate.

Outcomes:

1. Students got acquainted with the importance of Hibernate in the software industry.
2. Students understood the scope and real-time applications of Hibernate.



Ms. Asma Shaikh,
(Faculty Advisor,
CSI Students' Chapter.)



Dr. H. K. Khanuja
(HOD, Comp. Engg.)

Department of Computer Engineering

Date- 27/02 /2020

Academic Year 2019-2020, Sem-II

Report of Workshop

Topic: "BLENDER : Open Source Tool for Animation"

Date & Time : 27/02/2020, 9.00am to 4.30pm

Class : SE Computer, SE IT

No. of Students Present: 71

No. of Students Absent: NA

Venue: Thin Client Lab 606B

Co-ordinator for the Workshop: Ms. S. S. Shiravale, Ms. P. K. Dhule, Ms. V. S. Rupnar

Speaker of Guest Workshop: Mr. Rajesh Khele, Mr. Jayesh Gore (Alumni)

Designation and Experience: Founder Animationwala.com, Freelancer

Contact Number: 7559177771, 9822907176

Email Id: rajesh@animationwala.com , jayeshgore01@gmail.com

Topics covered in 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 (Alumni student) and Mr. Tanmay Bhawasar (BE Computer). Adding sound effect, rendering and creating video files were explained by Mr. Kartik Shriniketani (TE Student).

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

After attending this workshop students are able to:

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

Outcome for Workshop:

Students are able to

- Understand and design complex engineering problem using modern tools (PO3,PO4,PO5) and

motivated to learn new technologies (PO12) for solving real time /social problems(PO6,PO7) by applying engineering knowledge(PO1).

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

Relevance to POs and PSOs for Workshop:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2		2	2	2	1	1	2		2		3	3	2	2

Photos with caption:



Participnats performing hands on during workshop

[Handwritten Signature]
Staff Coordinator

[Handwritten Signature]
HOD

DEPARTMENT OF INFORMATION TECHNOLOGY
&
DEPARTMENT OF COMPUTER ENGINEERING

Academic Year: 2019-20 (Sem – I)

Event Name: One week Faculty Development program on “Data Science & Big Data Analytics” in association with ICT academy

Event Date: 29th July 2019 to 2nd August 2019

Venue: Computer Networks Lab (511) , Dept. of Computer Engg., MMCOE, Pune

One Week Faculty Development Program on “**Data Science & Big Data Analytics**” was organized at Marathwada Mitra Mandal's College of Engineering, Karvenagar from 29th July 2019 to 2nd August 2019. This program was jointly organised by Department of Computer Engineering & Department of Information Technology. This FDP was organized under the MoU signed by MMCOE and ICT academy. Total 23 faculties participated in this FDP. This FDP was successfully organized under the guidance of Dr. S. M. Deshpande, Principal, MMCOE; Dr. V. S. Bidve (Head – Department of IT); Dr. S. M Chaware (Head – Department of Computer Engineering). The FDP was coordinated by Ms. Abhilasha Kulkarni (Asst. Prof, Dept of Computer Engineering) and Mr. Nikhil Dhavase (Asst. Prof, Dept of IT).

Topics Covered in FDP:

Day 1: Big Data Analytics

Day 2: Basic of R programming, Operators ,Matrix multiplication , vector & list

Day 3: Data Visualization in R – bar plot, pie chart , Histogram ,boxplot and many more advanced plot customization.

Day 4: Handling missing values , WhatsApp sentiment analysis , Database connectivity in R , Image Transformation

Day5 : Implementing Apriori Algorithm and Naïve Bayes Algorithm using R

Objective :

- 1.To learn how to design and Program R Applications
- 2.Understand the concept of Vector , Data types and operators in R
- 3.Plot data using appropriate R Visualization libraries
- 4.Understand different machine learning algorithm for predictive analysis in R

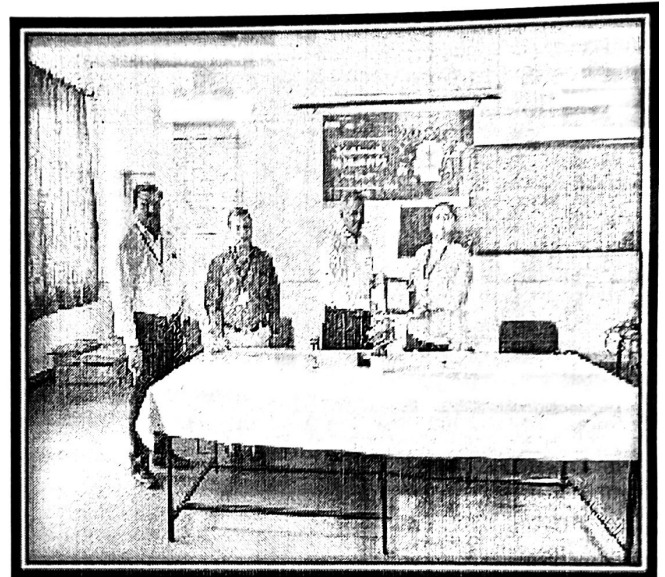
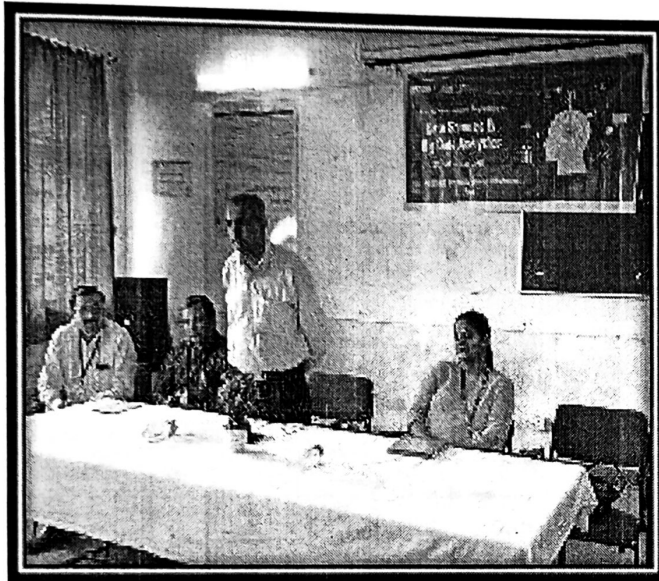
Outcomes:

- 1. Faculties will develop relevant programming abilities
- 2. Faculties will apply data science concepts and method to solve problems in real world contexts by using advanced Analytics Theory , Methods, Technologies and Tools

CONCLUDING REMARK:

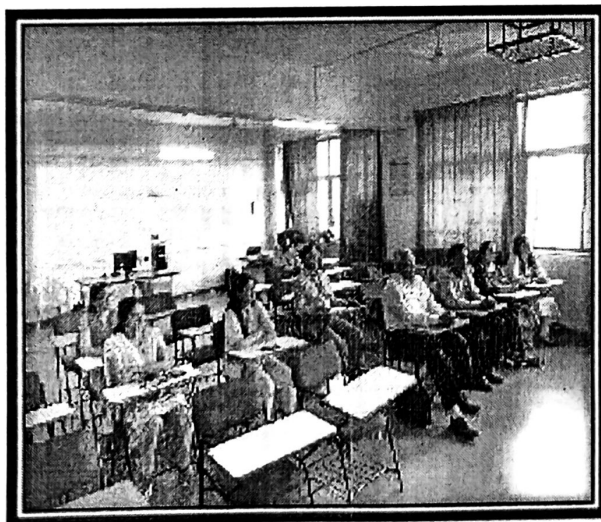
The participants shared their feedback positively about the FDP. All the participant have active participated in all the session and completed the activity assigned to them.

Photographs of Event:



[1] Principal Dr. S.M Deshpande giving the insight about the workshop

[2] Ms. Navpreet Kaur (Workshop Trainer) felicitated by Dr. S. M. Deshpande (Principal,MMCOE)



[3] Inaugural session



[4] Handson session



Valedictory function on 2nd Aug 2019


F. A. Ell
Coordinators


HOD, Computer Engineering


HOD, IT

File No: 31

MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING
KARVENAGAR PUNE-52
ACCREDITED WITH 'A' GRADE BY NAAC

Report on one Weeks workshop MATLAB and measuring instruments from 18th - 22nd June, 2019

Title of Program: MATLAB and Measuring Instruments

Organized by: CoE – Automation and Control, Department of Electrical Engineering

Day & Duration: 18th June – 22nd June 2019

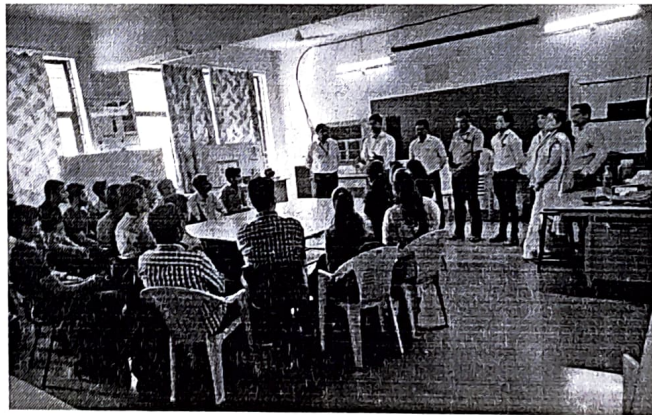
Audience: Students of SE electrical


Key Contents of the Program:

1. Introduction to MATLAB and programming for electrical engineers
2. Develop simulation for electrical and electronic circuit
3. Hands on training on electrical and electronics measuring equipments
4. Apply FG/AFG signals to CRO/DSO and measure various quantities

Workshop is attended by 29 students of SE electrical, apart from internal facilitator industry expert Mr. Suraj Gawande from Design Tech Solutions also delivered a lecture on hardware and MATLAB integration

EVENT Photos:




Mr. S. C. Jadhav
CoE Coordinator


Dr. V. N. Gohokar
HoD Electrical

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

Attendance Sheet
One week Workshop on MatLab and Electrical Instruments
 Date: 18/06/2019 Monday

Day 1

Sr. No.	Roll No.	Student Name	Morning Seesion	Afternoon Session
1	SE01	Akshata Neelkanth Waghmare		
2	SE02	Andure Shivam Sharad	Andure	Andure
3	SE03	Avhad Avdhoot Navnath	Avhad	Avhad
4	SE04	Bandagale Jitendra Vasant		
5	SE05	Bangar Vijay Vashishta		
6	SE06	Bhagwat Pranjal Sandeep		
7	SE07	Chaudhari Devesh Digambar	Devesh	Devesh
8	SE08	Chauhan Ritesh Gautam		
9	SE09	Chavan Gajanan Govindrao		
10	SE10	Dhore Hritik Uttam		
11	SE11	Gaikwad Vishvajit Sanjay		
12	SE12	Ghatage Shreyash Bhikaji		
13	SE13	Girme Pranav Kishor.		
14	SE14	Gujar Tanay Dipak		
15	SE15	Gulave Sidhesh Surendra	Sidhesh	Sidhesh
16	SE16	Gulve Sankalp Satish		
17	SE17	Huse Ajinkya Jalindar		
18	SE18	Jadhav Harshita Mukesh	Harshita	Harshita
19	SE19	Jagtap Sujit Balaso	Sujit	Sujit
20	SE20	Jedhe Pratiksha Eknath	Pratiksha	Pratiksha
21	SE21	Junnarkar Yash Mahesh	Yash	Yash
22	SE22	Kale Baliram Kondiba		
23	SE23	Kharat Prajwal Sanjay	Prajwal	Prajwal
24	SE24	Khodke Piyush Pradip		
25	SE25	Khot Mahek Bilal	Mahek	Mahek
26	SE26	Kide Sarthak Ramesh		
27	SE27	Kulal Pradnya Uday		
28	SE28	Kumbhar Harish Ashok	Harish	Harish
29	SE29	Lanjewar Nandini Ghansham		
30	SE30	Lokhande Ishita Vinayak		
31	SE31	Mali Prathamesh Jitendra		
32	SE32	Mali Rahul Sunil		
33	SE33	Maydeo Ameya Vinayak	Ameya	Ameya

34	SE34	Mohanpurkar Shaunak Shrinivas	<u>Wani</u>	<u>Wani</u>
35	SE35	Nandikole Vinayak Sanjay		
36	SE36	Nikam Tejas Hemraj	<u>NBhemraj</u>	<u>NBhemraj</u>
37	SE37	Niranjani Bhivaji Jagdale		
38	SE38	Patil Vinayak Sopan		
39	SE39	Patil Yogesh Dnyaneshwar	<u>Patil</u>	<u>Patil</u>
40	SE40	Pillai Jay Sunil	<u>Krushna</u>	<u>Krushna</u>
41	SE41	Pisal Krushna Shivajirao		
42	SE42	Sagar Phapale		
43	SE43	Salunke Ajinkya Limbraj		
44	SE44	Shete Shruti Shankar	<u>shete</u>	<u>shete</u>
45	SE45	Shirbhate Raj Satish	<u>SSP</u>	<u>SSP</u>
46	SE46	Sourabh Pandharpurkar	<u>SP</u>	<u>SP</u>
47	SE47	Tarale Manmeet Akash	<u>Manmeet</u>	<u>Manmeet</u>
48	SE48	Tarambale Aaryan Manoj	<u>Aaryan</u>	<u>Aaryan</u>
49	SE49	Thakur Ayush Girish		
50	SE50	Vaidya Rucha Sandeep	<u>Rucha</u>	<u>Rucha</u>
51	SE51	Vinayak Sanjay Khapare		
52	SE52	Wani Shubham Manohar		

Patel Kishan Ambalal

Patel

Patel

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING, PUNE
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 Department of Electrical Engineering

Attendance Sheet

One week Workshop on MatLab and Electrical Instruments

Day 3

Date: 20/06/2019 Wednesday

Sr. No.	Roll No.	Student Name	Morning Seesion	Afternoon Session
1	SE01	Akshata Neelkanth Waghmare	—	—
2	SE02	Andure Shivam Sharad	—	—
3	SE03	Avhad Avdhoot Navnath	Andure	Andure
4	SE04	Bandagale Jitendra Vasant	Jitendra	Jitendra
5	SE05	Bangar Vijay Vashishta	—	—
6	SE06	Bhagwat Pranjal Sandeep	—	—
7	SE07	Chaudhari Devesh Digambar	DD	DD
8	SE08	Chauhan Ritesh Gautam	—	—
9	SE09	Chavan Gajanan Govindrao	—	—
10	SE10	Dhore Hritik Uttam	—	—
11	SE11	Gaikwad Vishvajit Sanjay	—	—
12	SE12	Ghatage Shreyash Bhikaji	—	—
13	SE13	Girme Pranav Kishor.	—	—
14	SE14	Gujar Tanay Dipak	—	—
15	SE15	Gulave Sidhesh Surendra	Sidhesh	Sidhesh
16	SE16	Gulve Sankalp Satish	—	—
17	SE17	Huse Ajinkya Jalindar	Ajinkya	Ajinkya
18	SE18	Jadhav Harshita Mukesh	—	—
19	SE19	Jagtap Sujit Balaso	—	—
20	SE20	Jedhe Pratiksha Eknath	Jedhe	Jedhe
21	SE21	Junnarkar Yash Mahesh	Yash	Yash
22	SE22	Kale Baliram Kondiba	—	—
23	SE23	Kharat Prajwal Sanjay	Prajwal	Prajwal
24	SE24	Khodke Piyush Pradip	—	—
25	SE25	Khot Mahek Bilal	—	—
26	SE26	Kide Sarthak Ramesh	—	—
27	SE27	Kulal Pradnya Uday	—	—
28	SE28	Kumbhar Harish Ashok	HKumbhar	HKumbhar
29	SE29	Lanjewar Nandini Ghansham	—	—
30	SE30	Lokhande Ishita Vinayak	—	—
31	SE31	Mali Prathamesh Jitendra	Pimale	Pimale
32	SE32	Mali Rahul Sunil	Rahul	Rahul
33	SE33	Maydeo Ameya Vinayak	Amey	Amey

34	SE34	Mohanpurkar Shaunak Shrinivas	<u>Mohanpurkar</u>	<u>Mohanpurkar</u>
35	SE35	Nandikole Vinayak Sanjay	<u>Vinayak</u>	<u>Vinayak</u>
36	SE36	Nikam Tejas Hemraj	—	—
37	SE37	Niranjana Bhivaji Jagdale	<u>NB Jagdale</u>	<u>NB Jagdale</u>
38	SE38	Patil Vinayak Sopan	<u>Patil</u>	<u>Patil</u>
39	SE39	Patil Yogesh Dnyaneshwar	—	—
40	SE40	Pillai Jay Sunil	<u>Pillai</u>	<u>Pillai</u>
41	SE41	Pisal Krushna Shivajirao	<u>Krushna</u>	<u>Krushna</u>
42	SE42	Sagar Phapale	—	—
43	SE43	Salunke Ajinkya Limbraj	—	—
44	SE44	Shete Shruti Shankar	<u>shete</u>	<u>shete</u>
45	SE45	Shirbhate Raj Satish	—	—
46	SE46	Sourabh Pandharpurkar	<u>SSP</u>	<u>SSP</u>
47	SE47	Tarale Manmeet Akash	<u>Tarale</u>	<u>Tarale</u>
48	SE48	Tarambale Aaryan Manoj	<u>Tarambale</u>	<u>Tarambale</u>
49	SE49	Thakur Ayush Girish	<u>Thakur</u>	<u>Thakur</u>
50	SE50	Vaidya Rucha Sandeep	<u>Vaidya</u>	<u>Vaidya</u>
51	SE51	Vinayak Sanjay Khapare	—	—
52	SE52	Wani Shubham Manohar	—	—

Shinde Akshata Sopandeve

Shinde

Shinde

Patel Kishan Ambalal

Patel

Patel

Aditya Kilas Waghire

Aditya

Aditya

Marathwada Mitra Mandal's
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 Department of Electrical Engineering

Attendance Sheet

One week Workshop on MatLab and Electrical Instruments

Day 2

Date: 12/06/2019 Tuesday

Sr. No.	Roll No.	Student Name	Morning Seesion	Afternoon Session
1	SE01	Akshata Neelkanth Waghmare	—	—
2	SE02	Andure Shivam Sharad	—	—
3	SE03	Avhad Avdhoot Navnath	Andure	Andure
4	SE04	Bandagale Jitendra Vasant	Jitendra	Jitendra
5	SE05	Bangar Vijay Vashishta	—	—
6	SE06	Bhagwat Pranjal Sandeep	—	—
7	SE07	Chaudhari Devesh Digambar	Devesh	Devesh
8	SE08	Chauhan Ritesh Gautam	Ritesh	Ritesh
9	SE09	Chavan Gajanan Govindrao	—	—
10	SE10	Dhore Hritik Uttam	—	—
11	SE11	Gaikwad Vishvajit Sanjay	—	—
12	SE12	Ghatage Shreyash Bhikaji	—	—
13	SE13	Girme Pranav Kishor.	—	—
14	SE14	Gujar Tanay Dipak	Tanay Siddhesh	Siddhesh
15	SE15	Gulave Sidhesh Surendra	Siddhesh	Siddhesh
16	SE16	Gulve Sankalp Satish	—	—
17	SE17	Huse Ajinkya Jalindar	—	—
18	SE18	Jadhav Harshita Mukesh	—	—
19	SE19	Jagtap Sujit Balaso	Sujit	—
20	SE20	Jedhe Pratiksha Eknath	Pratiksha	Pratiksha
21	SE21	Junnarkar Yash Mahesh	Yash	Yash
22	SE22	Kale Baliram Kondiba	—	—
23	SE23	Kharat Prajwal Sanjay	Prajwal	Prajwal
24	SE24	Khodke Piyush Pradip	—	—
25	SE25	Khot Mahek Bilal	—	—
26	SE26	Kide Sarthak Ramesh	—	—
27	SE27	Kulal Pradnya Uday	—	—
28	SE28	Kumbhar Harish Ashok	HKumbhar	HKumbhar
29	SE29	Lanjewar Nandini Ghansham	—	—
30	SE30	Lokhande Ishita Vinayak	—	—
31	SE31	Mali Prathamesh Jitendra	—	—
32	SE32	Mali Rahul Sunil	Rahul	Rahul
33	SE33	Maydeo Ameya Vinayak	Ameya	Ameya

34	SE34	Mohanpurkar Shaunak Shrinivas	—	—
35	SE35	Nandikole Vinayak Sanjay	<i>Vin</i>	<i>Vin</i>
36	SE36	Nikam Tejas Hemraj	—	—
37	SE37	Niranjana Bhivaji Jagdale	<i>NB Jagdale</i>	—
38	SE38	Patil Vinayak Sopan	<i>Patil</i>	<i>Patil</i>
39	SE39	Patil Yogesh Dnyaneshwar	—	—
40	SE40	Pillai Jay Sunil	<i>Pillai</i>	<i>Pillai</i>
41	SE41	Pisal Krushna Shivajirao	<i>Krushna</i>	<i>Krushna</i>
42	SE42	Sagar Phapale	—	—
43	SE43	Salunke Ajinkya Limbraj	—	—
44	SE44	Shete Shruti Shankar	<i>shete</i>	<i>shete</i>
45	SE45	Shirbhate Raj Satish	—	—
46	SE46	Sourabh Pandharpurkar	<i>SSP</i>	<i>SSP</i>
47	SE47	Tarale Manmeet Akash	<i>Tarale</i>	<i>Tarale</i>
48	SE48	Tarambale Aaryan Manoj	<i>Tarambale</i>	<i>Tarambale</i>
49	SE49	Thakur Ayush Girish	<i>Thakur</i>	—
50	SE50	Vaidya Rucha Sandeep	<i>Vaidya</i>	—
51	SE51	Vinayak Sanjay Khapare	—	—
52	SE52	Wani Shubham Manohar	—	—

SE53 Patel Kishan Ambalal

Patel

Patel

SE54 Aditya Kailas Waghise

Waghise

Waghise

SE55 Akshata Sopan Shinde

Shinde

Shinde

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

Attendance Sheet

One week Workshop on MatLab and Electrical Instruments

Date: 21/06/2019 Thursday

Day 4

Sr. No.	Roll No.	Student Name	Morning Seesion	Afternoon Session
1	SE01	Akshata Neelkanth Waghmare		
2	SE02	Andure Shivam Sharad		
3	SE03	Avhad Avdhoot Navnath	Andure	Andure
4	SE04	Bandagale Jitendra Vasant	Jitendra	Jitendra
5	SE05	Bangar Vijay Vashishta		
6	SE06	Bhagwat Pranjal Sandeep		
7	SE07	Chaudhari Devesh Digambar	DD	DD
8	SE08	Chauhan Ritesh Gautam		
9	SE09	Chavan Gajanan Govindrao		
10	SE10	Dhore Hritik Uttam		
11	SE11	Gaikwad Vishvajit Sanjay		
12	SE12	Ghatage Shreyash Bhikaji		
13	SE13	Girme Pranav Kishor.		
14	SE14	Gujar Tanay Dipak		
15	SE15	Gulave Sidhesh Surendra	Siddhesh	Siddhesh
16	SE16	Gulve Sankalp Satish		
17	SE17	Huse Ajinkya Jalindar		
18	SE18	Jadhav Harshita Mukesh		
19	SE19	Jagtap Sujit Balaso	Jagtap	Jagtap
20	SE20	Jedhe Pratiksha Eknath	Jedhe	Jedhe
21	SE21	Junnarkar Yash Mahesh	Jagtap	Yash
22	SE22	Kale Baliram Kondiba		
23	SE23	Kharat Prajwal Sanjay	Prajwal	Prajwal
24	SE24	Khodke Piyush Pradip		
25	SE25	Khot Mahek Bilal		
26	SE26	Kide Sarthak Ramesh		
27	SE27	Kulal Pradnya Uday		
28	SE28	Kumbhar Harish Ashok	HKumbhar	HKumbhar
29	SE29	Lanjewar Nandini Ghansham		
30	SE30	Lokhande Ishita Vinayak		
31	SE31	Mali Prathamesh Jitendra		
32	SE32	Mali Rahul Sunil	Rahul	Rahul
33	SE33	Maydeo Ameya Vinayak	Ameya	Ameya

34	SE34	Mohanpurkar Shaunak Shrinivas		
35	SE35	Nandikole Vinayak Sanjay	(W)	(W)
36	SE36	Nikam Tejas Hemraj		
37	SE37	Niranjan Bhivaji Jagdale	NB Jagdale	NB Jagdale
38	SE38	Patil Vinayak Sopan	Patil	Patil
39	SE39	Patil Yogesh Dnyaneshwar		
40	SE40	Pillai Jay Sunil	Pillai	Pillai
41	SE41	Pisal Krushna Shivajirao	Pisal Krushna	Pisal Krushna
42	SE42	Sagar Phapale		
43	SE43	Salunke Ajinkya Limbraj		
44	SE44	Shete Shruti Shankar	Shete	Shete
45	SE45	Shirbhate Raj Satish		
46	SE46	Sourabh Pandharpurkar	SSP	SSP
47	SE47	Tarale Manmeet Akash	Tarale	Tarale
48	SE48	Tarambale Aaryan Manoj	Tarambale	Tarambale
49	SE49	Thakur Ayush Girish		
50	SE50	Vaidya Rucha Sandeep		
51	SE51	Vinayak Sanjay Khapare		
52	SE52	Wani Shubham Manohar		

Shinde Akshata Sopandev Shinde

Aditya Kailas Waghise Aditya

Patel Kishan Ambalal Patel

Shinde

Aditya

Patel

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING, PUNE

Accredited with 'A' Grade by NAAC

Department of Electrical Engineering

Attendance Sheet

One week Workshop on MatLab and Electrical Instruments

Day 5

Date: 22/06/2019 Saturday

Sr. No.	Roll No.	Student Name	Sign
1	SE01	Akshata Neelkanth Waghmare	
2	SE02	Andure Shivam Sharad	
3	SE03	Avhad Avdhoot Navnath	<i>Andure</i>
4	SE04	Bandagale Jitendra Vasant	<i>Jitendra</i>
5	SE05	Bangar Vijay Vashishta	
6	SE06	Bhagwat Pranjali Sandeep	
7	SE07	Chaudhari Devesh Digambar	<i>DD</i>
8	SE08	Chauhan Ritesh Gautam	
9	SE09	Chavan Gajanan Govindrao	
10	SE10	Dhore Hritik Uttam	
11	SE11	Gaikwad Vishvajit Sanjay	
12	SE12	Ghatage Shreyash Bhikaji	
13	SE13	Girme Pranav Kishor.	
14	SE14	Gujar Tanay Dipak	
15	SE15	Gulave Sidhesh Surendra	<i>Siddhesh</i>
16	SE16	Gulve Sankalp Satish	
17	SE17	Huse Ajinkya Jalindar	
18	SE18	Jadhav Harshita Mukesh	
19	SE19	Jagtap Sujit Balaso	<i>Jagtap</i>
20	SE20	Jedhe Pratiksha Eknath	<i>Jedhe</i>
21	SE21	Junnarkar Yash Mahesh	<i>Yash</i>
22	SE22	Kale Baliram Kondiba	
23	SE23	Kharat Prajwal Sanjay	<i>Prajwal</i>
24	SE24	Khodke Piyush Pradip	
25	SE25	Khot Mahek Bilal	<i>Khot</i>
26	SE26	Kide Sarthak Ramesh	
27	SE27	Kulal Pradnya Uday	
28	SE28	Kumbhar Harish Ashok	<i>HKumbhar</i>
29	SE29	Lanjewar Nandini Ghansham	
30	SE30	Lokhande Ishita Vinayak	
31	SE31	Mali Prathamesh Jitendra	
32	SE32	Mali Rahul Sunil	<i>Rahul</i>
33	SE33	Maydeo Ameya Vinayak	<i>Ameya</i>
34	SE34	Mohanpurkar Shaunak Shrinivas	

35	SE35	Nandikole Vinayak Sanjay	
36	SE36	Nikam Tejas Hemraj	
37	SE37	Niranjan Bhivaji Jagdale	
38	SE38	Patil Vinayak Sopan	
39	SE39	Patil Yogesh Dnyaneshwar	
40	SE40	Pillai Jay Sunil	
41	SE41	Pisal Krushna Shivajirao	
42	SE42	Sagar Phapale	
43	SE43	Salunke Ajinkya Limbraj	
44	SE44	Shete Shruti Shankar	
45	SE45	Shirbhate Raj Satish	
46	SE46	Sourabh Pandharpurkar	
47	SE47	Tarale Manmeet Akash	
48	SE48	Tarambale Aaryan Manoj	
49	SE49	Thakur Ayush Girish	
50	SE50	Vaidya Rucha Sandeep	
51	SE51	Vinayak Sanjay Khapare	
52	SE52	Wani Shubham Manohar	

53 Patel Kishan Ambulal

54 Waghize Aditya Kailas

Ejlan

Aditya



येथे अहताचे हिस

Marathwada Mitramandal's
College of Engineering

Karvenagar, Pune – 411052

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Department of Electrical Engineering



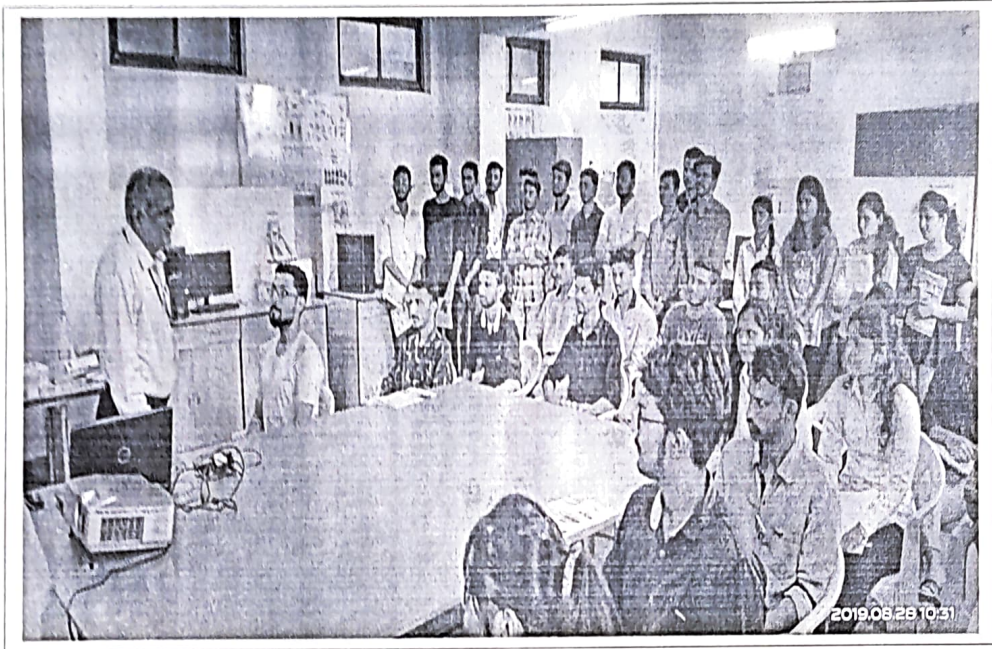
Workshop on Power Electronics Component Selection, Testing and Prototype Making

DATE: - 28th to 31st August, 2019

TIME: - From 09.00 A.M to 4.00 P.M.

NUMBER OF STUDENTS PARTICIPATED: - 38 (BE Students)

VENUE: - Power Electronics Lab



Mr. P.R. Choube
Workshop Coordinator

Dr. V. N. Gohokar
HOD Electrical Dept.

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Karvenagar, Pune-411052

Department Of Electrical Engineering

WORKSHOP ON POWER ELECTRONICS COMPONENT SELECTION, TESTING AND PRPTOTYPE MAKING
REGISTRATION SHEET

DATE: 28/8/19

Sr.No.	Roll No	NAME OF PARTICIPANTS	SIGN
1	10	Kunal Sujit Chougale	KS
2	13	Craeme Kaajik Rajendra	Kraeme
3	20	Kapadane Anishik Mukundrao	Anishik
4	25	Rohul D. Meshram	Rohul
5	04	Armad Vishal Sudhakar	Armad
6	31	Nemade Rishikesh Rajendra	Rishikesh
7	15	Garhane shubham kisan	Shubham
8	07	Bhul Kane chetans Narayan	Chetans
9	27	Nikhil padip Naikawadi	Nikhil
10	16	Siddhi Sanjeev Hukkerikar	Siddhi
11	19	Kagde Pallavi Bharat	Pallavi
12	23	Mali Sameeksha Umesh	Sameeksha
13	18	Pradnya Anil Joshi	Pradnya
14	12	Megha Abaso Deshmone	Megha
15	24	Yash Uday Marathe	Yash
16	29	Manisha D. Harwade	Manisha
17	22	Mrunal D. Kulkarni	Mrunal
18	11	Monika A. Daware	Monika
19	05	Awasthi Akshay D	Awasthi
20	06	Bari Shubham V.	Bari

Phouba
Workshop Co-ordinator

(Signature)
HOD Electrical

Marathwada Mitra Mandal's

COLLEGE OF ENGINEERING

Karvenagar, Pune-411052

Department Of Electrical Engineering

WORKSHOP ON POWER ELECTRONICS COMPONENT SELECTION, TESTING AND PRPTOTYPE MAKING

Session Attendance

28/8/19

28/8/19

28/8/19

DATE: 28 & 29th August 2019.

Sr.No.	Roll No.	NAME OF STUDENTS	SESSION 1 (10 to 11 am) (PRC)	SESSION 2 (11:15 to 1pm) (PRC)	SESSION 3 (2 to 4pm)	SESSION 4 (10 to 11)	SESSION 5 (11:15 to 12:30)
1.	10	Kunal Sujit Chougule	<u>Kunal</u>	<u>Kunal</u>	<u>Kunal</u>	<u>Kunal</u>	<u>Kunal</u>
2.	13	Game Kartek Rajendra	<u>Game</u>	<u>Game</u>	<u>Game</u>	<u>Game</u>	<u>Game</u>
3.	20	Kapadane Ashish Mukund	<u>Ashish</u>	<u>Ashish</u>	<u>Ashish</u>	<u>Ashish</u>	<u>Ashish</u>
4.	25	Rahul D. Meshram	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>
5.	04	Arman Vishal S.	<u>Arman</u>	<u>Arman</u>	<u>Arman</u>	<u>Arman</u>	<u>Arman</u>
6	15	Garhane shubham K.	<u>Garhane</u>	<u>Garhane</u>	<u>Garhane</u>	<u>Garhane</u>	<u>Garhane</u>
7	31	Nemade Rishikesh R	<u>Ris</u>	<u>Ris</u>	<u>Ris</u>	<u>Ris</u>	<u>Ris</u>
8	27	Nikil naikawadi	<u>Nikil</u>	<u>Nikil</u>	<u>Nikil</u>	<u>Nikil</u>	<u>Nikil</u>
9.	07	Bhalkar chekin N.	<u>Chekin</u>	<u>Chekin</u>	<u>Chekin</u>	<u>Chekin</u>	<u>Chekin</u>
10.	16	Siddhi S. Hukkesikar	<u>Siddhi</u>	<u>Siddhi</u>	<u>Siddhi</u>	<u>Siddhi</u>	<u>Siddhi</u>
11	19	kagde Pallavi Bharat	<u>Pallavi</u>	<u>Pallavi</u>	<u>Pallavi</u>	<u>Pallavi</u>	<u>Pallavi</u>
12.	23	Mali Sameeksha V.	<u>Sameeksha</u>	<u>Sameeksha</u>	<u>Sameeksha</u>	<u>Sameeksha</u>	<u>Sameeksha</u>
13	18	Pradnya Anil Joshi.	<u>Pradnya</u>	<u>Pradnya</u>	<u>Pradnya</u>	<u>Pradnya</u>	<u>Pradnya</u>
14	12	Megha Abaso Deshmane	<u>Megha</u>	<u>Megha</u>	<u>Megha</u>	<u>Megha</u>	<u>Megha</u>
15	24	yash uday Mgrathe	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>
16	29	Manisha D. Natwade	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>	<u>Manisha</u>

Sr.No.	Roll No.	NAME OF STUDENTS	SESSION 1 ()	SESSION 2 ()	SESSION 3 ()	SESSION 4 ()	SESSION 5 ()
17	05	Awasthi Akshay D	Masli	Masli	Masli	Masli	Masli
18	06	Bari Shubham V.	SBai	SBai	← AB →	AB	→
19	22	Mrunal D. Kulkarni	SBai	SBai	SBai	SBai	SBai
20	11	Monika A. Davane	Monika	Monika	Monika	Monika	Monika
21	28	Nanaware Ashutosh S.	AD	AD	AD	AD	AD
22	14	Gauri Kulkarni	AD	AD	AD	AD	AD

Phouber

Workshop Co-ordinator

[Signature]

HOD Electrical

DEPARTMENT OF ELECTRICAL ENGINEERING

Report of workshop conducted on 'Automation Technology'

A four day workshop on 'Automation Technology' was organized for B.E. (Electrical) students from 28th August 2019 to 31st August 2019 in joint collaboration with Autonics and Strom Energie Pvt. Ltd., Pune. The entire workshop was conducted in three sessions as given below:

Session I: LT switchgear and Hands On:

Learning Outcome: To understand working of various switchgear products, develop and test different types of logic gates, control and power circuit of star-delta starter for 0.5 HP, 440/230 V, three phase induction motor.

This session was conducted by Mr. S. C. Jadhav, Assistant Professor from Electrical Department. The contents of this session included introduction to LT switchgear, construction and working of push buttons, selector switches, indicating lamps, relays, contactors and MCBs, development and testing of various logic gates using push buttons, selector switches and indicating lamps, development of control and power circuit for star-delta starter using power contactors, on delay timer and testing it on 0.5 HP, 440/230 V, three phase induction motor.

Session II: PLC and its applications:

Learning Outcome: To summarize basic concepts and various applications of PLC, build a star-delta starter for 0.5 HP, 440/230 V, three phase induction motor, develop ladder logic for star-delta operation using RS Logix 500 software and testing it by using Allen-Bradley Micrologix 1400 PLC.

This session was conducted by Mr. S. M. Harite, Assistant Professor from Electrical Department. The contents of this session included introduction to Allen-Bradley Micrologix 1400 PLC, its various applications, getting started with PLC, programming, development of ladder logic for star-delta starter and testing it on 0.5 HP, 440/230 V, three phase induction motor.

Session III: Arduino and its applications:

Learning Outcome: To build star-delta starter with remote communication & control capability and test it on 0.5 HP, 440/230, three phase induction motor.

This session was conducted by Dr. V. N. Gohokar, Professor and Head of Electrical Engineering Department. The contents of this session included introduction to micro-controller, Arduino development board, getting started with Arduino, programming, digital and analog I/O's, logic development for star-delta starter and testing it by using three LEDs,

82

control relays, power contactors and finally on a 0.5 HP, 440/230 V, three phase induction motor.

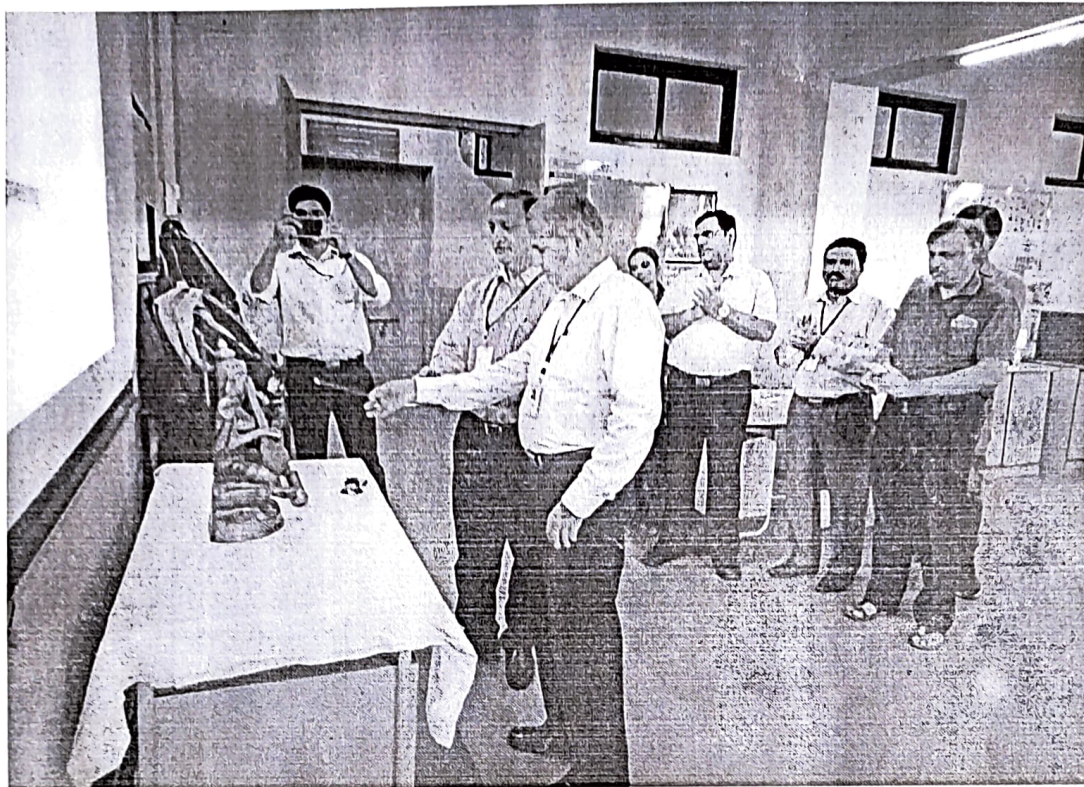
The assessment of the students who participated in the workshop was done by conducting a test containing 17 objective type questions. The responses were analyzed and prizes were given to the top three participants. Certificate for participating in the workshop was given to each participant.

The feedback of the students who participated in the workshop was also taken and analyzed for PO/PSO attainment. The overall attainment level obtained for assigned POs/PSOs was found to be satisfactory.

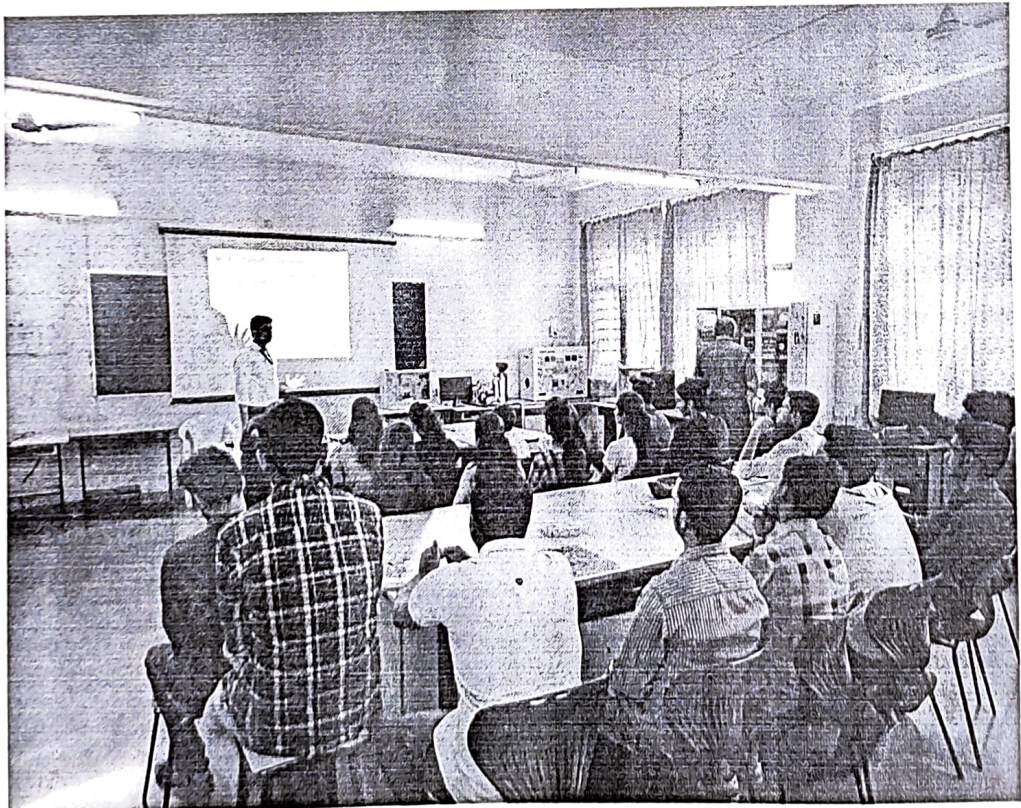
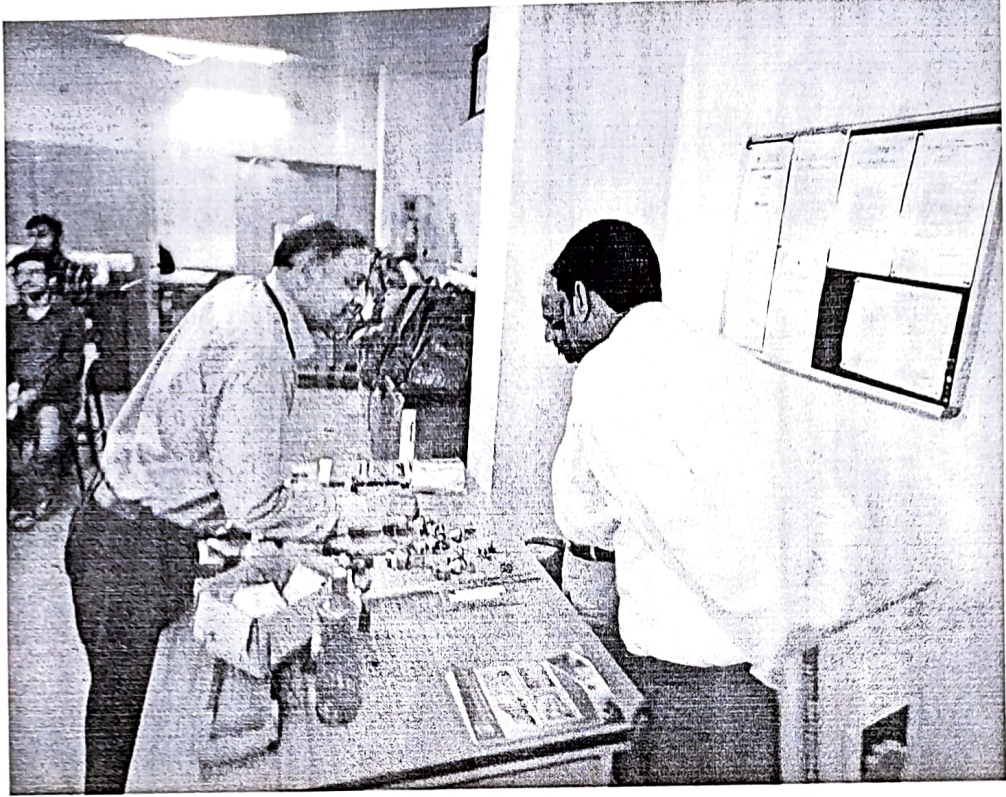
Autonics provided sensors, controllers and switchgear items (different types of push buttons, lamps, relays, selector switches, buzzer, hooter etc.) for training the students during the workshop. Strom Energie Pvt. Ltd., Pune provided power contactors for developing star-delta starter.


CoE Coordinator


Head of Department







Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
 Karvenagar, Pune-411052
 Department Of Electrical Engineering
WORKSHOP ON AUTOMATION TECHNOLOGY
 Session Attendance

DATE: 29/08/2019 to 30/08/2019

Sr.No.	Roll No.	NAME OF STUDENTS	SESSION 1 ()	SESSION 2 ()	SESSION 3 ()	SESSION 4 ()	SESSION 5 ()
1	10	Kunal S. Chougule	<i>K.S. Chougule</i>				
2.	16	Siddhi. S. Hukkerikote	<i>S.S. Hukkerikote</i>	<i>S.S. Hukkerikote</i>	<i>S.S. Hukkerikote</i>		
3.	19	Pallavi B. Kayde	<i>P. Kayde</i>	<i>P. Kayde</i>	<i>P. Kayde</i>		
4.	29	Manisha D. Natwade	<i>M. Natwade</i>	<i>M. Natwade</i>	<i>M. Natwade</i>		
5	25	Rahul D. Meshram	<i>R. Meshram</i>	<i>R. Meshram</i>	<i>R. Meshram</i>		
6.	23	Mali Sameeksha V.	<i>M. Sameeksha</i>	<i>M. Sameeksha</i>	<i>M. Sameeksha</i>		
7.	12	Megha. Deshmane	<i>M. Deshmane</i>	<i>M. Deshmane</i>	<i>M. Deshmane</i>		
8.	18	Pradnya Joshi	<i>P. Joshi</i>	<i>P. Joshi</i>	<i>P. Joshi</i>		
9.	11	Monika Davane A.	<i>M. Davane</i>	<i>M. Davane</i>	<i>M. Davane</i>		
10.	22	Mrunal kulkarni	<i>M. Kulkarni</i>	<i>M. Kulkarni</i>	<i>M. Kulkarni</i>		
11	31	Nemade Rishikesh R	<i>N. Rishikesh</i>				
12.	20	Kopadane Arshish. R.	<i>K. Arshish</i>	<i>K. Arshish</i>	<i>K. Arshish</i>		
13	04	Armad Vishal S.	<i>A. Vishal</i>	<i>A. Vishal</i>	<i>A. Vishal</i>		
14	14	Gauri Kulkarni	<i>G. Kulkarni</i>	<i>G. Kulkarni</i>	<i>G. Kulkarni</i>		
15	24	Yash marathe	<i>Y. Marathe</i>	<i>Y. Marathe</i>	<i>Y. Marathe</i>		
16	05	Awasthi Akshay D	<i>A. Akshay</i>	<i>A. Akshay</i>	<i>A. Akshay</i>		

Sr.No.	Roll No.	NAME OF STUDENTS	SESSION 1 ()	SESSION 2 ()	SESSION 3 ()	SESSION 4 ()	SESSION 5 ()
17	03	Anmularad Snyims.	<u>Snyims</u>				
18	13	Creme Kartik R	<u>Kartik</u>	<u>Kartik</u>	<u>Kartik</u>		
19	28	Nanuware Adhush G	<u>Adhush</u>	<u>Adhush</u>	<u>Adhush</u>		
20	15	Garhane Shubham	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>		
21	20	Kapadane Ashish	<u>Ashish</u>	<u>Ashish</u>			
22	07	Bhelkare Chetan N.	<u>Chetan</u>	<u>Chetan</u>	<u>Chetan</u>		
23	24	Vash - marathe					

Sedra:

Workshop Co-ordinator



HOD Electrical

**Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING**

Karvenagar, Pune-411052

Department Of Electrical Engineering

WORKSHOP ON AUTOMATION TECHNOLOGY

Session Attendance

DATE : 28/08/2019 & 29/08/2019

Sr.No.	Roll No.	NAME OF STUDENTS	SESSION 1 ()	SESSION 2 ()	SESSION 3 ()	SESSION 4 ()	SESSION 5 ()
1	60	Rahul Kaima	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>		
2	35	Patil Pooja Vijay	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>		
3	48	Saravade Pratiksha S.	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>		
4	54	Thakare Kanchar R.	<u>Banshod</u>	<u>Banshod</u>	<u>Banshod</u>		
5	55	Waghmare Mrunali Bhagvan	<u>Waghmare M.B.</u>	<u>Waghmare M.B.</u>	<u>Waghmare M.B.</u>		
6	51	Ashish Gajanan Shinde	<u>Ashish</u>	<u>Ashish</u>	<u>Ashish</u>		
7	45	Salunke Prasad B.	<u>Prasad</u>	<u>Prasad</u>	<u>Prasad</u>		
8	53	Deepak Sumar	<u>Sumar</u>	<u>Sumar</u>	<u>Sumar</u>		
9	50	Omkar Shinde	<u>Ashish</u>	<u>Ashish</u>	<u>Ashish</u>		
10	46	Gohan Uttam Sanxpal	<u>Gohan</u>	<u>Gohan</u>	<u>Gohan</u>		
11	43	Ramoshi Jyoti B.	<u>JBB</u>	<u>JBB</u>	<u>JBB</u>		
12	56	Waghmare shakuntala S.	<u>Shakuntala</u>	<u>Shakuntala</u>	<u>Shakuntala</u>		
13	40	Priya Sanjay More	<u>More</u>	<u>More</u>	<u>More</u>		
14	33	Vaishnavi N. Padole	<u>Padole</u>	<u>Padole</u>	<u>Padole</u>		
15	39	Pradheep Babu Kute	<u>Pradheep</u>	<u>Pradheep</u>	<u>Pradheep</u>		

Sr.No.	Roll No.	NAME OF STUDENTS	SESSION 1 ()	SESSION 2 ()	SESSION 3 ()	SESSION 4 ()	SESSION 5 ()
16	44	Rutvik Chinchmakarpure	Rutvik	Rutvik	Rutvik		
17	41	Atanksha Raipadewar	Atanksha	Atanksha	Atanksha		
18	32	Aishwarya S. Padole	Aishwarya	Aishwarya	Aishwarya		
19	52	Shivam R. Chawbey	Shivam	Shivam	Shivam		
20	49	Shaikh Sameer S.	Shaikh	Shaikh	Shaikh		
21	47	Suryog Chamlate	Suryog	Suryog	Suryog		
22	37	Urvesh S. Patil	Urvesh	Urvesh	Urvesh		
23	51	Ashish G. Hirme	Ashish				
23	43	R					



Workshop Co-ordinator



HOD Electrical



येथे बहुतांचे हित

Marathwada Mitramandal's
College of Engineering

Karvenagar, Pune – 411052

Accredited With 'A' Grade by NAAC
Department of Electrical Engineering

Electrical Engineering Students Association (EESA)

Expert Lecture (Solar Thermal Workshop)

DATE: - Friday 30/08/2019

TIME:- From 10.00 A.M to 12.00noon

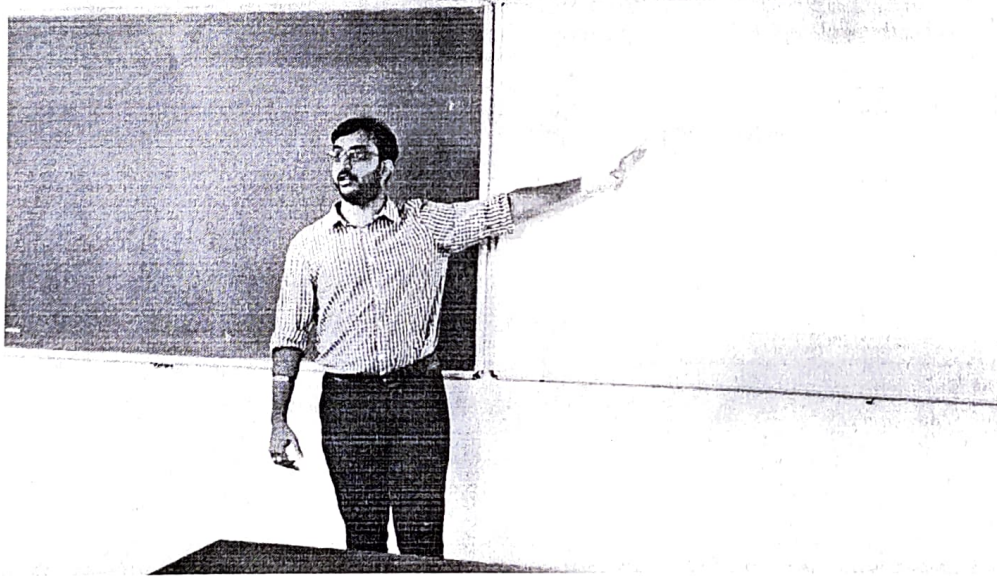
NUMBER OF STUDENTS PARCIPATED: - 46 (SE Electrical)


VENUE: - Room No. AC 101

RESOURCE PERSON: Shri. Vishwesh Pavanekar, Senior Research Associate, World Institute of Sustainable Energy, Pune

LECTURE TOPIC:- "Economic Aspects of Solar Thermal, National Economic Impact of Solar Thermal and Policy Formation: A Case Study of Bhutan".

OUTCOME: Students are made aware of economic aspects of solar system and policy framing issues and implementation issues etc.




Dr. M. R. Tarambale
Activity Coordinator


Dr. V. N. Gohokar
HOD Electrical Dept.



वेद्ये बहुलांते हित

Marathwada Mitramandal's
College of Engineering

Karvenagar, Pune – 411052

Accredited With 'A' Grade by NAAC

Department of Electrical Engineering

Electrical Engineering Students Association (EESA)

Expert Lecture (Solar Thermal Workshop)

DATE: - Thursday 29/08/2019

TIME:- From 10.00 A.M to 12.00noon

NUMBER OF STUDENTS PARCIPATED: - 51 (SE Electrical)

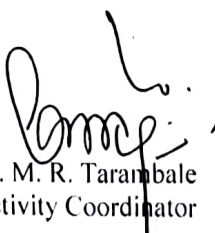
VENUE: - Room No. AC 101


RESOURCE PERSON: Shri. Sourabh Kelkar, Business Development and Operations Manager, SeeGreen Solutions LLP, Pune

LECTURE TOPIC:- "Solar Thermal System Designing for Commercial and Residence Applications"

OUTCOME : Students came to know parts of solar system, designing of system for commercial and residential applications etc.




Dr. M. R. Tarambale
Activity Coordinator


Dr. V. N. Gohokar
HOD Electrical Dept.

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING, PUNE

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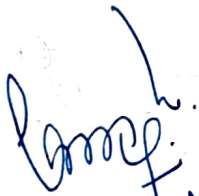
Department of Electrical Engineering

**Attendance Record Guest lecture of Shri. Sourabh Kelkar on
29/08/2019 at 10am (2 Hrs)**

Thursday

Sr. No.	Roll No.	Student Name	Signature
1	SE02	Andure Shivam Sharad	---
2	SE03	Avhad Avdhoot Navnath	Andure
3	SE04	Bandagale Jitendra Vasant	Jitendra
4	SE07	Chaudhari Devesh Digambar	---
5	SE08	Chauhan Ritesh Gautam	---
6	SE09	Chavan Gajanan Govindrao	---
7	SE10	Dhore Hritik Uttam	---
8	SE15	Gulave Sidhesh Surendra	Sidhesh
9	SE16	Gulve Sankalp Satish	Sankalp
10	SE18	Jadhav Harshita Mukesh	Harshita
11	SE19	Jagtap Sujit Balaso	Jagtap
12	SE20	Jedhe Pratiksha Eknath	Jedhe
13	SE21	Junnarkar Yash Mahesh	---
14	SE22	Kale Baliram Kondiba	---
15	SE23	Kharat Prajwal Sanjay	Prajwal
16	SE24	Khodke Piyush Pradip	---
17	SE25	Khot Mahek Bilal	Mahek
18	SE26	Kide Sarthak Ramesh	---
19	SE27	Kulal Pradnya Uday	Pradnya
20	SE28	Kumbhar Harish Ashok	Harish
21	SE30	Lokhande Ishita Vinayak	Ishita
22	SE31	Mali Prathamesh Jitendra	Prathamesh
23	SE32	Mali Rahul Sunil	---
24	SE35	Nandikole Vinayak Sanjay	Vinayak
25	SE37	Niranjan Bhivaji Jagdale	Niranjan
26	SE38	Patil Vinayak Sopan	Patil
27	SE39	Patil Yogesh Dnyaneshwar	---
28	SE40	Pillai Jay Sunil	---
29	SE41	Pisal Krushna Shivajirao	Pisal
30	SE42	Sagar Phapale	Phapale
31	SE43	Salunke Ajinkya Limbraj	Ajinkya
32	SE45	Shirbhate Raj Satish	Shirbhate
33	SE46	Sourabh Pandharpurkar	Sourabh
34	SE48	Tarambale Aaryan Manoj	Aaryan
35	SE49	Thakur Ayush Girish	Ayush
36	SE50	Vaidya Rucha Sandeep	Rucha
37	SE51	Vinayak Sanjay Khapare	Vinayak
38	SE52	Wani Shubham Manohar	Shubham
39	SE53	Patel Kishan Ambalal	Kishan
40	SE54	Waghire Aditya Kailas	Waghire
41	SE55	Akshata Sopan Shinde	Akshata

42	SE56	Mangesh Sanjay Goukonde	Rupesh Tayde
43	SE57	Rupesh Tayde	Shakti
44	BE106	Sumit P. Battu (E&TC)	V.P. Nage
45	BE155	Vaibhavi P. Nagarkar (E&TC)	V.P. Nage
46	BE152	Varad D. Marathe (E&TC)	Shakti
47	BE140	Devank C. Joshi (E&TC)	Shakti
48	BE245	Abhijeet Natu (E&TC)	Shakti
49	DSE	Ganeshwadi Vijayant Gokul	Shakti
50	DSE	Ruturaj V. Aale	Shakti
51	DSE	Krushna T. Jadhav	Shakti
52	DSE	Parekar Vaishnavi S.	Shakti
53	DSE	Randhave Snehal Rajendra	Shakti
54	SE58	Narkhede Pritam Laxmikant	Shakti
55	TE149	Atharva R. Kurlekar (E&TC)	Shakti
56	TE154	Harshal P. Pawar (E&TC)	Shakti
57	DSE	Mase Radhika S.	Shakti
58	DSE	Kumbhar Rutuja S.	Shakti
59	DSE	Premata Jaitindar Sanje	Shakti
60	DSE	Pawar Rekha C.	Shakti
61	DSE	Kamble Ankita B	Shakti
62			
63			
64			


 (Activity Co-ordinator)
 Dr. M.R. Tarumbak

122


Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING, PUNE

Accredited with 'A' Grade by NAAC
 Department of Electrical Engineering

**Attendance Record Guest lecture of Shri. Vishwesh Pavnaskar on
 Friday 30/08/2019 at 10am (2 Hrs)**

Sr. No.	Roll No.	Student Name	Signature
1	SE02	Andure Shivam Sharad	
2	SE03	Avhad Avdhoot Navnath	
3	SE04	Bandagale Jitendra Vasant	
4	SE07	Chaudhari Devesh Digambar	
5	SE08	Chauhan Ritesh Gautam	
6	SE09	Chavan Gajanan Govindrao	
7	SE10	Dhore Hritik Uttam	
8	SE15	Gulave Sidhesh Surendra	
9	SE16	Gulve Sankalp Satish	
10	SE18	Jadhav Harshita Mukesh	
11	SE19	Jagtap Sujit Balaso	
12	SE20	Jedhe Pratiksha Eknath	
13	SE21	Junnarkar Yash Mahesh	
14	SE22	Kale Baliram Kondiba	
15	SE23	Kharat Prajwal Sanjay	
16	SE24	Khodke Piyush Pradip	
17	SE25	Khot Mahek Bilal	
18	SE26	Kide Sarthak Ramesh	
19	SE27	Kulal Pradnya Uday	
20	SE28	Kumbhar Harish Ashok	
21	SE30	Lokhande Ishita Vinayak	
22	SE31	Mali Prathamesh Jitendra	
23	SE32	Mali Rahul Sunil	
24	SE35	Nandikole Vinayak Sanjay	
25	SE37	Niranjan Bhivaji Jagdale	
26	SE38	Patil Vinayak Sopan	
27	SE39	Patil Yogesh Dnyaneshwar	
28	SE40	Pillai Jay Sunil	
29	SE41	Pisal Krushna Shivajirao	
30	SE42	Sagar Phapale	
31	SE43	Salunke Ajinkya Limbraj	
32	SE45	Shirbhate Raj Satish	
33	SE46	Sourabh Pandharpurkar	
34	SE48	Tarambale Aaryan Manoj	
35	SE49	Thakur Ayush Girish	
36	SE50	Vaidya Rucha Sandeep	
37	SE51	Vinayak Sanjay Khapare	
38	SE52	Wani Shubham Manohar	
39	SE53	Patel Kishan Ambalal	
40	SE54	Waghire Aditya Kailas	
41	SE55	Akshata Sopan Shinde	

42	SE56	Mangesh Sanjay Goukonde	
43	SE57	Rupesh Tayde	Rupesh Tayde
44	DSE	Ruturaj Vasant Ade	Ruturaj Ade
45	DSE	Krushna T. Jadhav	Krushna
46	DSE	Gaikwad Vijayant GOKUL	Gaikwad, V.G
47	BE E&Tc	Vaibhavi P. Nagarkar	V.P. Nagarkar
48	DSE	Moze Radhika Satish	Satish
49	DSE	Kumbhar Rutuja Shridhar	Rutuja
50	DSE	Randhave bnehal .R.	Randhave
51	DSE	Parekar Vaishnavi S	Parekar
52	DSE	Kamble Ankita -B	Ankita
53	TE E&Tc	Aishwarya Bhagat	Aishwarya
54	DSE	Sarje premlata .J	Sarje
55	DSE	Pawar Rekha chandrakant	Pawar
56			
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 Dr. M.R. Tarasumbale
 Activity - Co-ordinator

Marathwada Mitra Mandal's
College of Engineerings
Karvenagar, Pune-52
Accredited with 'A' Grade by NAAC
Department of Electrical Engineering
WORKSHOP ON WIND ENERGY SYSTEMS

REPORT

The Electrical Engineering Department had organized a Workshop on "Wind Energy Systems" for Third Year Engineering students on 29th and 30th September, 2019.

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.

Contributors:

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

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

Key Objectives:

- Introduction to wind turbines, Types of wind energy systems
- Software Simulation of WEG
- Construction and working of wind mill
- SCADA-control of wind mill



Ms. C.P. Thottan
Coordinator

Dr. V. N. Gohokar
HOD Electrical



Marathwada Mitramandal's
College of Engineering

Karvenagar, Pune - 411052

Accredited With 'A' Grade by NAAC

Department of Electrical Engineering

50
Years
Golden Jubilee

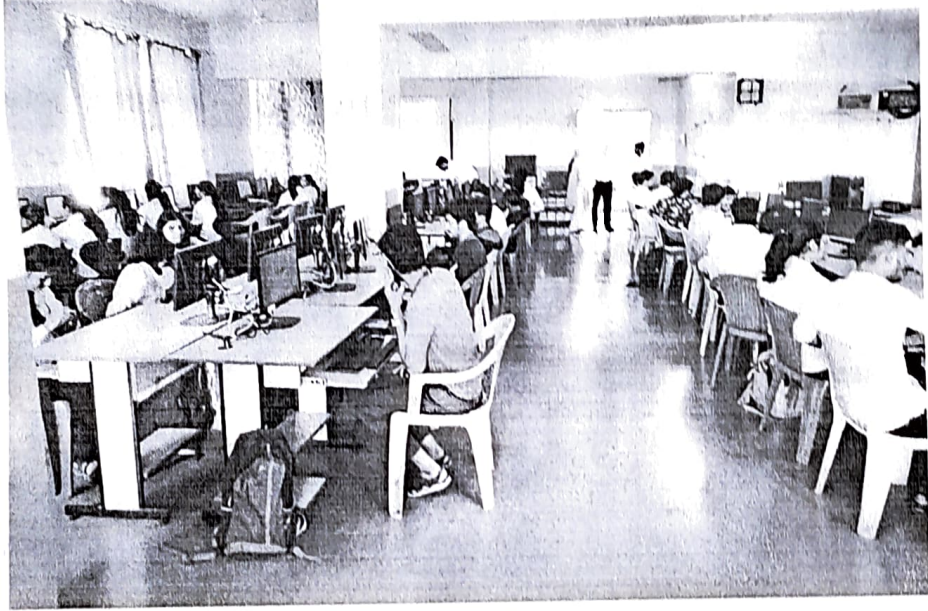
Workshop on Research Paper Writing

DATE: - 30 September, 2019

TIME: - From 10.00 A.M to 4.30 P.M.

NUMBER OF STUDENTS PARTICIPATED: - 54 (TE Students)

VENUE: - Comp Lab 606B



Mr. P.R.Choube
Resource Person

Dr. V. N. Gohokar
HOD Electrical Dept.

Marathwada Mitra Mandal's

COLLEGE OF ENGINEERING

Karvenagar, Pune-411052

Department Of Electrical Engineering

WORKSHOP ON RESEARCH PAPER WRITING

Session Attendance

DATE : 30/09/2019

Sr. No.	Roll No.	NAME OF STUDENTS	SESSION 1 (10 to 11 am)	SESSION 2 (11.15 to 1.00)	SESSION 3 (2.30 to 4.30)
1	TE 01	APURVA PADMKAR KALE	<u>Apkale</u>	<u>Apkale</u>	<u>Apkale</u>
2	TE 02	ARAK ABOLI MILIND	<u>Arak</u>	<u>Arak</u>	<u>Arak</u>
3	TE 03	ARUN LOKHANDE	↑	—	—
4	TE 04	ATUL ARUN MALI	AB	<u>Atul</u>	<u>Atul</u>
5	TE 05	AVHAD AMISHA BHAUSAHEB	↓	—	—
6	TE 06	AWASKAR SANKET PRAMOD	<u>Awaskar</u>	<u>Awaskar</u>	<u>Awaskar</u>
7	TE 07	BAGDE NIKHIL SATISH	<u>Bagde</u>	<u>Bagde</u>	<u>Bagde</u>
8	TE 08	BIRADAR SHIVANI GOVIND	<u>Shivani</u>	<u>Shivani</u>	<u>Shivani</u>
9	TE 09	BIRAJDAR RUPESH RAJKUMAR	AB	—	—
10	TE 10	BISALE PRATIK PANDURANG	<u>Bisale</u>	<u>Bisale</u>	<u>Bisale</u>
11	TE 11	BISWAS HRITIK ARUN	AB	—	—
12	TE 12	CHAVAN PRATIKSHA VIJAY	<u>Chavan</u>	<u>Chavan</u>	<u>Chavan</u>
13	TE 13	CHIMANKARE HARISH SUBHASH	AB	<u>Chimankare</u>	<u>Chimankare</u>
14	TE 14	CHINKE PRANAV PRAMODRAO	<u>Chinke</u>	<u>Chinke</u>	<u>Chinke</u>
15	TE 15	DAVE RAJ SHASHIKANT	<u>Dave</u>	<u>Dave</u>	<u>Dave</u>
16	TE 16	DEORE NISHANT DHAIRYASHIL	<u>Deore</u>	<u>Deore</u>	<u>Deore</u>
17	TE 17	GANDULE ROHIT RAJARAM	<u>Gandule</u>	<u>Gandule</u>	<u>Gandule</u>
18	TE 18	GAVIT HARSHADA UTTAM	<u>Gavit</u>	<u>Gavit</u>	<u>Gavit</u>
19	TE 19	GAWADE GITESH NITIN	<u>Gawade</u>	<u>Gawade</u>	<u>Gawade</u>
20	TE 20	GAWATE NIKHIL SUSHILRAO	<u>Gawate</u>	<u>Gawate</u>	<u>Gawate</u>
21	TE 21	GHODKE SUMIT DILIP	<u>Ghodke</u>	<u>Ghodke</u>	<u>Ghodke</u>
22	TE 22	GHODVAIDYA ATHARVA SHYAM	AB	—	—
23	TE 23	GHONE PALLAVI SAMBHAJI	AB	—	—
24	TE 24	GHUGE GAURAV MILIND	<u>Ghugre</u>	<u>Ghugre</u>	<u>Ghugre</u>
25	TE 25	GUJAR OMKAR PRADIP	<u>Gujar</u>	<u>Gujar</u>	<u>Gujar</u>
26	TE 26	HARSULE POOJA SANTOSH	AB	<u>P. Harsule</u>	<u>P. Harsule</u>

Sr. No.	Roll No.	NAME OF STUDENTS	SESSION 1 (10 to 11)	SESSION 2 (11.15 to 1)	SESSION 3 (2.00 to 4.35)
27	TE 27	JADHAV PRATHAMESH VYANKAT	↑	↓	↓
28	TE 28	KACHARE AMOL LAXMAN	AB	AB	AB
29	TE 29	KADU UTKARSH PRASHANT	↓	AB	AB
30	TE 30	KAJAL JAYANTILAL JAIN	Jain	Jain	Jain
31	TE 31	KALE NIKHIL KISAN	AB	AB	AB
32	TE 32	KAMALI CHARUSHILA SHRIKANT	Kamali	Kamali	Kamali
33	TE 33	KANDEKAR KRANTI RAMESH	Krantikar	Krantikar	Krantikar
34	TE 34	KHAIRNAR SHUBHAM KAILAS	AB	AB	AB
35	TE 35	KHANDEKAR PRIYANKA BABASAHEB	Phandekar	Phandekar	Phandekar
36	TE 36	KHARATE ROMIT RAJESH	Form	Form	Form
37	TE 37	KHIRSAGAR KAUSTUBH VIKAS	AB	AB	AB
38	TE 38	KORADE POOJA SUNIL	Bicde	Bicde	Bicde
39	TE 39	KORE HEMANT VIRNATH	AB	AB	AB
40	TE 40	KORE SHUBHAM RAJABHAU	AB	AB	AB
41	TE 41	KSHIRSAGAR PAVAN PRASHANT	AB	AB	AB
42	TE 42	KULKARNI RUGVED PRADEEP	RNR	RNR	RNR
43	TE 43	KULKARNI SHUBHANKAR SANJAY	SSankar	SSankar	SSankar
44	TE 44	MAHURE SUMEET MUNESHWAR	Mahure	Mahure	AB
45	TE 45	MANE ASHWINI PANDURANG	Anone	Anone	Anone
46	TE 46	MARGAJE PRATHMESH SANJAY	Smargajle	Smargajle	Smargajle
47	TE 47	MENE ADITYA VITTHAL	AB	AB	AB
48	TE 48	MIRAJE AKSHADA PRADEEP	Amije	Amije	Amije
49	TE 49	MOHAMMAD	Mohammad	Mohammad	AB
50	TE 50	PARGE PUNAM BALIRAM	AB	AB	AB
51	TE 51	PATIL AJINKYA RAJENDRA	Patil	Patil	Patil
52	TE 52	PATIL PRANJAL GANESH	Patil	Patil	Patil
53	TE 53	PATIL VIJAY TULSHIRAM	Patil	Patil	Patil
54	TE 54	PAYAL HIRAMAN PAYGUDE	Payal	Payal	Payal
55	TE 55	RADE NIKITA DILIP	AB	AB	AB
56	TE 56	RAUL AKSHAY SANDEEP	Rahul	Rahul	Rahul
57	TE 57	SANJIVANI ASHOK SHINDE	AB	AB	AB

Sr. No.	Roll No.	NAME OF STUDENTS	SESSION 1 (10 to 11)	SESSION 2 (11.15 to 1)	SESSION 3 (2 to 4.30)
58	TE 58	SHINDE AWADHUT SADASHIV	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
59	TE 59	SHINDE DIGVIJAY BAJIRAO	AB	AB	A1 <u>Shinde</u>
60	TE 60	SHINDE KETAN BHIMRAO	<u>Shinde</u>	<u>Shinde</u>	
61	TE 61	SHIRSATH BHUSHAN BALASAHEB	AB		
62	TE 62	SWAMI ASHWINI RAJKUMAR	<u>Ashwin</u>	<u>Ashwin</u>	<u>Ashwin</u>
63	TE 63	SWAPNIL JADHAV	<u>Swadhar</u>	<u>Swadhar</u>	<u>Swadhar</u>
64	TE 64	TEKAWADE GAUTAM SUBHASH	<u>Bekawade</u>	<u>Bekawade</u>	<u>Bekawade</u>
65	TE 65	TURATE PRASAD LAXMAN	<u>Tur</u>	<u>Tur</u>	<u>Tur</u>
66	TE 66	ULAGADDE RUSHIKESH SHIVDAS	<u>Ulag</u>	<u>Ulag</u>	<u>Ulag</u>
67	TE 67	WANI RUTIKA SANJAY	<u>Rwani</u>	<u>Rwani</u>	<u>Rwani</u>
68	TE 68	WANKHADE VEDANT VIRENDRAPANT	<u>Ved</u>	<u>Ved</u>	<u>Ved</u>
69	TE 69	YADAV SATYAPRAKASH GAJENDRANATH	<u>S.P. Yadav</u>	<u>S.P. Yadav</u>	<u>S.P. Yadav</u>
70	TE 70	YUVRAJ BORADE	<u>Yuvr</u>	<u>Yuvr</u>	<u>Yuvr</u>
71	TE 71	IMRAN RAFIK MAODI	AB		
72	TE 72	PAYAL VILAS TEMBHURNE	AB		
73	TE 73	ABHIJEET DEVIDAS BOBADE	<u>Abhi</u>	<u>Abhi</u>	<u>Abhi</u>
74	TE 74	PALASH AVINASH WADATKAR	<u>Palash</u>	<u>Palash</u>	<u>Palash</u>
75	TE 75	AKASH AKSHAY AJAY CHANDKHEDE	<u>Akash</u>	<u>Akash</u>	<u>Akash</u>
76	TE 76	UGALE PRAGATI MUNJAJI	<u>Pragati</u>	<u>Pragati</u>	<u>Pragati</u>
77	TE 77	HRISHIKESH ASHOK DEUGULE	↑ AB		
78	TE 78	RUSHIKESH ASHOK DEOUGLE	↓		
79	TE 79	GIGANUNJAYN KUMAR			
80	TE 80	Gaikawad Mahesh			

81 TE 81 Kothawade Vinay Nitin Kothawade Kothawade Kothawade

Prachar
PRCHAR

Marathwada Mitra Mandal's
College of Engineerings
Karvenagar, Pune-52
Accredited with 'A' Grade by NAAC
Department of Electrical Engineering
STUDENTS SOLAR AMBASSADOR WORKSHOP

REPORT

The Electrical Engineering Department in association with IIT Bombay had organized "Students Solar Ambassador Workshop" for Second Year Engineering students on 2th October, 2019.

Highlight of Workshop:

Students assembled solar study lamps in a grand ceremony on 2nd October 2019, coinciding with the 150th birth anniversary celebration of the father of the nation – Mahatma Gandhi.

Trainers:

Mrs. S. A. Upasani Assistant Professor, Electrical Department.

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

Key Outcomes: Awareness on need for renewable sources of energy
Hands on training to test and assemble solar lamp



Mrs. S. A. Upasani
Coordinator

Dr. V. N. Gohokar
HOD Electrical

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Karvenagar, Pune-411052

Department Of Electrical Engineering

STUDENTS SOLAR AMBASSADOR WORKSHOP

Session Attendance

DATE : 02/10/2019

Sr. No.	NAME OF STUDENT	SESSION 1	SESSION 2	SESSION 3	SESSION 4
1	Avhad Avdhoot Navnath	Avhad	Avhad	Avhad	Avhad
2	Bandagale Jitendra Vasant	Jitendra	Jitendra	Jitendra	Jitendra
3	Chaudhari Devesh Digambar	Devesh	Devesh	Devesh	Devesh
4	Chauhan Ritesh Gautam				
5	Chavan Gajanan Govindrao	Gajanan	Gajanan	Gajanan	Gajanan
6	Shirbhate Raj Shirbhate Raj				
7	Gulave Siddhesh Surendra	Siddhesh	Siddhesh	Siddhesh	Siddhesh
8	Jadhav Harshita Mukesh	Harshita	Harshita	Harshita	Harshita
9	Jagtap Sujit Balaso	Sujit	Sujit	Sujit	Sujit
10	Jedhe Pratiksha Eknath	Pratiksha	Pratiksha	Pratiksha	Pratiksha
11	Junnarkar Yash Mahesh	Yash	Yash	Yash	Yash
12	Kale Baliram Kondiba	Baliram	Baliram	Baliram	Baliram
13	Kharat Prajwal Sanjay	Prajwal	Prajwal	Prajwal	Prajwal
14	Khodke Piyush Pradip	Piyush	Piyush	Piyush	Piyush
15	Khot Mahek Bilal	Mahek	Mahek	Mahek	Mahek
16	Kul Pradnya Uday	Pekul	Pekul	Pekul	Pekul

Sr. No.	NAME OF STUDENT	SESSION 1	SESSION 2	SESSION 3	SESSION 4
17	Kumbhar Harish Ashok	<u>Hkumbha</u>	<u>Hkumbhar</u>	<u>Hkumbhar</u>	<u>Hkumbhar</u>
18	Lokhande Ishita Vinayak	<u>Lokhande</u>	<u>Lokhande</u>	<u>Lokhande</u>	<u>Lokhande</u>
19	Mali Prathamesh Jitendra	<u>Pmale</u>	<u>Pmale</u>	<u>Pmale</u>	<u>Pmale</u>
20	Mali Rahul Sunil	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>
21	Nandikole Vinayak Sanjay	<u>Nani</u>	<u>Nani</u>	<u>Nani</u>	<u>Nani</u>
22	Niranjana Bhivaji Jagdale	<u>Niranjana</u>	<u>Niranjana</u>	<u>Niranjana</u>	<u>Niranjana</u>
23	Patil Vinayak Sopan	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
24	Patil Yogesh Dnyaneshwar	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
25	Sagar Phapale	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>	<u>Sagar</u>
26	Salunke Ajinkya Limbraj	<u>Salunke</u>	<u>Salunke</u>	<u>Salunke</u>	<u>Salunke</u>
27	Sourabh Pandharpurkar	<u>Ssp</u>	<u>Ssp</u>	<u>Ssp</u>	<u>Ssp</u>
28	Tarambale Aaryan Manoj	<u>Taryan</u>	<u>Taryan</u>	<u>Taryan</u>	<u>Taryan</u>
29	Vaidya Rucha Sandeep	<u>Vaidya</u>	<u>Vaidya</u>	<u>Vaidya</u>	<u>Vaidya</u>
30	Vinayak Sanjay Khapare	<u>Shapale</u>	<u>Shapale</u>	<u>Shapale</u>	<u>Shapale</u>
31	Wani Shubham Manohar	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>	<u>Wani</u>
32	Patel Kisan Ambalal	<u>Kisan</u>	<u>Kisan</u>	<u>Kisan</u>	<u>Kisan</u>
33	Akshata Sopan Shinde	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
34	Gokunde Mangesh	<u>Mangesh</u>	<u>Mangesh</u>	<u>Mangesh</u>	<u>Mangesh</u>
35	Rupesh Tayade	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>	<u>Rupesh</u>
36	Ade Raturaj Vasant	<u>Raturaj</u>	<u>Raturaj</u>	<u>Raturaj</u>	<u>Raturaj</u>
37	Bhukane Sayali Rajendra	<u>Bhukane</u>	<u>Bhukane</u>	<u>Bhukane</u>	<u>Bhukane</u>

Sr. No.	NAME OF STUDENT	SESSION 1	SESSION 2	SESSION 3	SESSION 4
38	Gade Ritesh Ramdas	<u>Ritesh</u>	<u>Ritesh</u>	<u>Ritesh</u>	<u>Ritesh</u>
39	Jadhav Krushna Tatyarao	<u>Kr.</u>	<u>Kr.</u>	<u>Kr.</u>	<u>Kr.</u>
40	Jadhav Neelam Krishna	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>
41	Kamble Ankita Baliram	<u>Ankita</u>	<u>Ankita</u>	<u>Ankita</u>	<u>Ankita</u>
42	Kanaye Ghanasham Shantaram				
43	Khatri Harsh Rajendra	<u>Harsh</u>	<u>Harsh</u>	<u>Harsh</u>	<u>Harsh</u>
44	Mali Yashwant Ramesh	<u>Yashwant</u>	<u>Yashwant</u>	<u>Yashwant</u>	<u>Yashwant</u>
45	Masodkar Shubham Devidas	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>
46	Pathak Avinash Anil	<u>Avinash</u>	<u>Avinash</u>	<u>Avinash</u>	<u>Avinash</u>
47	Sarje Premlata Jalindar	<u>Sarje</u>	<u>Sarje</u>	<u>Sarje</u>	<u>Sarje</u>
48	Shinde Akshay Bapu				
49	Shinde Tushar Dnyanu				
50	Vijayant Gokul Gaikwad	<u>Gokul</u>	<u>Gokul</u>	<u>Gokul</u>	<u>Gokul</u>

**Marathwada Mitra Mandal's
College of Engineerings
Karvenagar, Pune-52
Accredited with 'A' Grade by NAAC
Department of Electrical Engineering
WORKSHOP ON SPREADSHEETS**

REPORT

The **Electrical Engineering Department** had organized a Workshop on "**Spreadsheets**" for Final Year Engineering students on 26th December, 2019. As an Outcome of the Workshop 23 students from Final year received Online Certification on the topic "**Spreadsheets**".

The following students were given prizes for their active participation in the workshop:

1. Siddhi Hukkerikar
2. Manisha Narawade
3. Akhsay Awasthi

Contributors:

Ms. C. P. Thottan, Assistant Professor, Electrical Engineering Department.
Ms. P. D. Deshmukh, Lab. Assistant, Electrical Engineering Department.

Key Objective:

Applying Spreadsheets for organizing and analyzing data in tabular form for different engineering application



Ms. C.P. Thottan
Coordinator

Dr. V. N. Gohokar
HOD Electrical

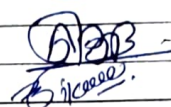


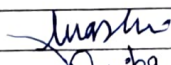
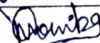




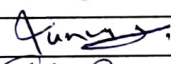
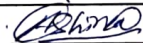
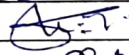

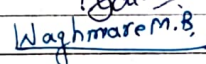



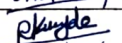

COLLEGE OF ENGINEERING, PUNE

Accredited with 'A' Grade by NAAC

Department of Electrical Engineering

Workshop on "Spreadsheets"

Date: 24/12/19

Roll No	Name of Student	Sign
BE 01	AGLAVE NIKHIL KACHESHWAR	-
BE 02	NERKAR MOHIT ANIL	-
BE 03	BHALERAO AMOL BHAUSAHEB	
BE 04	TIKONE AKASH NAGESH	
BE 05	RAINA RAHUL ASHOK	-
BE 06	CHOUGULE KUNAL SUJEET	
BE 07	ARMAL VISHAL SUDHAKAR	-
BE 08	AWASTHI AKSHAY DHANANJAY	
BE 09	DAVANE MONIKA ANKUSH	
BE 10	GAME KARTIK RAJENDRA	
BE 11	GAURI KULKARNI	-
BE 12	JOSHI PRADNYA ANIL	-
BE 13	KAWALE CHHAYENDRA VISHNU	
BE 14	KULKARNI MRUNAL DATTATRAYA	
BE 15	MARATHE YASH UDAY	-
BE 16	MESHARAM RAHUL DAMODHAR	-
BE 17	NAIKAWADI NIKHIL PRADIP	-
BE 18	PADOLE AISHWARYA SHIVANANDRAO	-
BE 19	PADOLE VAISHNAVI NILKANTH	-
BE 20	PATIL URVESH SUBHASH	-
BE 21	RAIPATREWAR AKANKSHA NITINRAO	
BE 22	RUTVIK CHINCHMALATPURE	-
BE 23	SANYOG CHAMLATE	
BE 24	SHIRKE ASHISH GAJANAN	
BE 25	SHIVAM R CHAUBEY	
BE 26	SUTHAR DEEPAK JIVARAM	
BE 27	WAGHMARE MRUNALI BHAGVAN	
BE 28	ANMULWAD SHYAM SAMBHAJI	-
BE 29	BARI SHUBHAM VASUDEV	-
BE 30	BHALKARE CHETAN NARAYAN	
BE 31	DESHMANE MEGHA ABASO	-
BE 32	GAVHANE SHUBHAM KISAN	-
BE 33	HUKKERIKAR SIDDHI SANJEEV	
BE 34	JADHAV CHETAN NANASAHEB	
BE 35	KAGDE PALLAVI BHARAT	
BE 36	KAPADANE AASHISH MUKUNDRAO	
BE 37	MALI SAMEEKSHA UMESH	-

BE 38	NANAWARE ASHUTOSH GOVIND	<i>Ashtade</i>
BE 39	NARWADE MANISHA DEVRAO	-
BE 40	NEMADE RISHIKESH RAJENDRA	-
BE 41	PATIL PRITI VIJAY	-
BE 42	PIMPARKAR POOJA HEMRAJ	-
BE 43	PRADEEP BABU KUTE	-
BE 44	PRIYA SANJAY MORE	-
BE 45	RAMOSHI JYOTI BHAGWAT	<i>Prasad</i>
BE 46	SALUNKHE PRASAD BABASAHEB	<i>Prasad</i>
BE 47	SANKPAL ROHAN UTTAM	-
BE 48	SARWADE PRATIKSHA SHAHURAJ	-
BE 49	SHAIKH SAMEER SHAHADAT	<i>Shai</i>
BE 50	SHINDE OMKAR ASHOK	<i>Shinde</i>
BE 51	THAKARE KANCHAN RAVINDRA	-
BE 52	WAGHMARE SHAKUNTALA S	-

Three Days Workshop on : Python based Artificial Intelligence

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Karvenagar, Pune-52

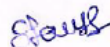
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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Academic Year: 2019-20 (Sem - I)

Event Name: Workshop on 'Python based Artificial Intelligence' under the aegis of IETE
Event Date : 27th, 29th, 30th July 2019
Time : 9am - 4pm
Venue : Seminar Hall, 4th floor (27/07/2019), Thin-client lab, 6th floor (29, 30/07/2019)

Three day workshop on 'Python based Artificial Intelligence' was organized by department of Electronics & Telecommunication Engineering under the aegis of IETE. The workshop was inaugurated on 27th July 2019 in the presence of Dr. S. M. Deshpande, Principal, Ms. P.S.Sawant, HOD(E&TC), Ms. S. N. Deshmukh, Founder HOD and Dean(Admin), Senior faculty members and participants. Artificial Intelligence is an Elective-II subject for BE(E&TC) students. As per SPPU structure, the subject has weekly 3 Theory lectures and no practical sessions. The objective of this workshop was to help student to increase the skill set of programming through hands on sessions and provide the much needed exposure of recent technology. Keynote lecture on "Learning in the Age of Artificial Intelligence" was presented by Ms. Pratima Joshi, Data Science expert, at inaugural session of the workshop. Ms. Vandana Jagtap from MIT, Pune presented Informed Search algorithms in the second session on first day. Last session saw Ms. Kirti Bihade from InfoGen labs, Pune sharing nuances and current market status of Data Science. Hands-on sessions were conducted by Mr. Aniket Thorave from MITU Skillologies, Pune on second and third day of workshop. Participants were firstly introduced with the concepts of basic Python programming. Then they executed AI algorithms like Decision Tree, Linear Regression, Random Forest, Bayesian Learning and K-means Clustering in Python. Creating Artificial Neural Network techniques and Natural Language Processing were also explored through Python. Total 52 students from SE, TE and BE took part in the workshop. Ms. S.S.Tavse coordinated the workshop.



Ms. S.S.Tavse
BETA Coordinator

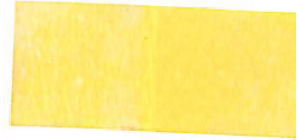


Ms. P. S. Sawant
HOD-E&TC

MMCOE/ETC/31,51/2019-20

Hands on Training on "Proteus"

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



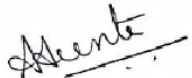
Department of Electronics and Telecommunication Engineering


"Hands on Training on Proteus"

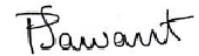
MMCOE, E&TC organised Guest Lecture and Hands on training on "DAQ and Sensor Interfacing with Microcontroller" using Proteus Software for TE Students on 31st August 2019. 3 Faculty Members including A.A.Kunte, A.G. Dakre and A.S. Dhamaplwar associated this activity for the subject Electronic System Design. 26 Students performed simulation with LM35 Temperature sensor and PIC microcontroller in Proteus.

Emphasis was given on following topics:

Proteus Software
Interfacing of Sensor with Microcontroller
Design of Circuit and PCB Layout


A.A. Kunte
Co-ordinator


A.G. Dakre


P. Sawant
HOD E&TC

Three Days Workshop on: Advanced Projects based on IoT

Marathwada Mitra Mandal'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 Electronics and Telecommunication Engineering

Date: 21/9/2019

A Report on

Three days workshop on "Advanced Project Based IoT" under the aegis of ISTE and CoE, Department of Electronics and Telecommunication Engineering

In view of Engineers' Day 2019 celebration week, Department of Electronics and Telecommunication has organized a three days workshop on "Advanced Project Based IoT" under the aegis of ISTE Students' Chapter, MMCOE and CoE, Department of Electronics and Telecommunication Engineering.

Basic Raspberry Pi operating systems installation, use of Raspberry Pi and advanced projects and hands-on sessions on Home Automation, Home security, and Real time IoT notifications on tweeter are conducted on 16th and 17th Sept. 2019 by Mr. Tushar Kute and Mr. Aniket Thorve from Mitu Skilllogics Pvt. Ltd. Implementation of TCP and UDP protocols is done in python programming language. Students also learned about real time database creation using DHT11 sensor interfacing with raspberry pi and MySQLdb software.

Students gained ample of knowledge about the various protocols in the first two days sessions. Based on this one competition was conducted on 18th Sep. 2019 in morning session. Students were given following problem statement

- Monitor and print temperature continuously with interfacing DHT11 to Ras Pi
- Once the temperature goes above 30 degree, turn ON the LED connected to the ras pi, the ras pi will monitor and print the distance using Ultrasonic Sensor
- Upload the distance data to thingspeak.com (cloud) and post on twitter when it goes above 10cm, capture 6 images through pi camera and save it and also send email the message that "All 6 images are successfully Captured"

Students have participated in group of five. Two winners of these competition were declared and one consolation prize was given. Ms. Sonali Katke, MKCL, Pune was the judge for this competition.



Ms. Disha N Parkhi

• Workshop Coordinator •

MS. P. S. Sawant

• HOD, E & TC •

Two Days Hands on Training on: PCB Designing and Etching

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

Department of Electronics and Telecommunication Engineering

“Two Days Workshop on PCB Designing and Etching”

MMCOE, E&TC organised **Two Days Workshop on “PCB Designing and Etching”** using Proteus Software for TE Students on 17th and 18th September 2019 from 9 AM to 5 PM. Faculty Members including A.A.Kunte, A.G. Dakre and 2 Non teaching staff members participated in this activity for the subject Electronic System Design. 96 Students participated in this workshop. Our honourable Principal and HOD Madam, Deshmukh Madam felicitated our alumni members Mr. Aditya Fuke and Mr. Pranav Auti.

Emphasis was given for Buck/ Boost Converter PCB on following topics:

Proteus Software

Schematic and Simulation in Proteus Software.

Design , Printing , Etching, Component Mounting and Testing

A.A. Kunte
A.A. Kunte
Co-ordinator

A.G. Dakre
A.G. Dakre

Pawant
HOD E&TC

One Day Workshop on Python

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Karvenagar, Pune-52

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'Best College award in 2018-19 by SPPU*

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Academic Year: 2019-20 (Sem – I)

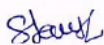

Event Name: Workshop on 'Python'
Event Date : 21st September 2019
Time : 9am - 4pm
Venue : 307D

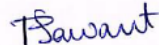
One-day workshop on 'Python' was organized by department of Electronics & Telecommunication Engineering. The workshop was inaugurated on 21st September 2019 in the presence of Ms. P.S.Sawant, HOD(E&TC) and Ms. S. N. Deshmukh, Founder HOD and Dean(Admin), Senior faculty members and participants.

Python is one of the world's most popular and open source programming languages. There are many applications of IOT, Image Processing, ML, AI, Data Science etc. being developed using Python. It is not included in SPPU ENTC syllabus of 2015 course.

The objective of this workshop was to make SE ENTC students aware about the recent trend.

The expert lectures and hands-on sessions were conducted by Ms. H.N.Burande, Ms. S.S. Tavse and few BE students. This workshop will be helpful to student for their TE mini-project and BE project. Participants were firstly introduced with the concepts of basic Python programming. Then they executed the programs on Nested loops, Factorial, Fibonacci Series, Leap Year etc. Total 14 students from SE took part in the workshop. Ms. H.N.Burande and Ms. S.S.Tavse coordinated the workshop.

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


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

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
S.No.18, Plot No.5/3, Karvenagar, Pune 411 052

Date: 1st March 2020

REPORT

on

IIT Bombay's All India e-Yantra Ideas Competition (eYIC 2019-20) & Industry Conclave at Marathwada Mitramandal's College of Engineering, Karvenagar

Marathwada Mitramandal's College of Engineering, Karvenagar hosted e-Yantra Ideas Competition (eYIC) Regional Finals & Industry Conclave in association with IIT Bombay on 28th & 29th February 2020.

e-Yantra is a flagship project of the Ministry of Human Resources Development (MHRD, Govt. of India) funded under the National Mission on Education through ICT (NMEICT) at IIT Bombay to spread education in Embedded Systems and Robotics in undergraduate engineering and polytechnic colleges.

Ten teams from various engineering colleges across Maharashtra, Karnataka and Andhra Pradesh displayed their projects in the Regional Finals. These projects were evaluated by Prof. Dr. Kavi Aarya, eminent industry experts & e-Yantra team. The main objective of e-Yantra is to train students in the art of innovation and entrepreneurship in a step-by-step manner using a "Project Based Learning" approach. The e-Yantra Ideas Competition (eYIC) invites students to articulate real-world problems as a project. Cash rewards of over Rs. 2 Lakhs and participation certificates await the teams participating in the Regional Finals. Shortlisted projects in the regionals will showcase their projects at the grand finale at IIT Bombay on April 3 – 4, 2020.

Faculty and students of E&TC Department demonstrated their "Wi-Fi Based Drip Irrigation System" to the IIT Bombay delegates.

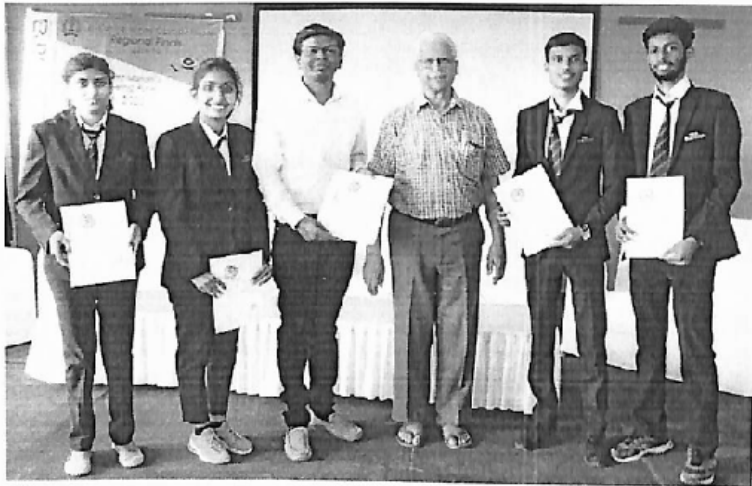
In order to build a stronger industry-academia connect, an Industry Conclave & Panel Discussion was organized on 29th February 2020. Dr. Anand Deshpande, Founder, Chairman & Managing Director, Persistent Systems, delivered a talk on "Building Indian Innovation Ecosystem". This was followed by a panel discussion on "Role of e-Yantra Labs in Industry Academia interaction, discussion between industry & academia with audience & Government/Industry support in building the Innovation Pipeline". Prof. Dr. Kavi Arya, IIT Bombay, Dr. Yogesh Kulkarni, Director, Vigyan Ashram, Dr. Milind Jagtap, Chief Mentor & Chairman, SoftHard Automation Pvt. Ltd., Mr. Romesh Kaul, ex-MD Mahindra CIE, Mr. Girish Mujumdar, Founder, Plezmo, Mr. C. Kajwadkar, ex-CCIL and many delegates from industry & engineering colleges were present for the industry conclave.

Prof. Dr. Kavi Arya started the panel discussion with the topic 'Role of e-Yantra Labs in Industry Academics, Government/Industry support in building the Innovation Pipeline'. Dr. Yogesh Kulkarni, explained the use of AI to make agriculture profitable. Dr. Milind Jagtap, discussed IOT based solutions for electricity issues in villages. Mr. Girish Mujumdar, highlighted the importance of reaching a bigger audience with focus on product and service excellence. Sharing

his views on the scientific approach of things, Mr. C. Kajwadkar added value to the discussion. He also highlighted the security concerns which need to be addressed in view with the product line. Summarizing the discussion, Dr. Anand Deshpande encouraged the aspiring technical as well as non - technical candidates to join e-Yantra in order to broaden the scope.

The event was conducted in joint collaboration with Department of Electronics & Telecommunication Engineering & Mechanical Engineering, MMCOE. The event was successfully conducted with valuable support from Marathwada Mitra Mandal's Chairman Mr. S. D. Gange, Executive President Prin. B. G. Jadhav, Secretary Mr. K. H. Mungale, Treasurer Dr. N. V. Biradar and all the management members as well as Principal Dr. S. M. Deshpande. The event was coordinated by Prof. Priya Sawant, Head, Department of Electronics & Telecommunication Engineering under the able guidance of Dr. Pramod Purandare, Head, Department of Mechanical Engineering and Prof. Swati Deshmukh, Dean, Administration. A special mention for e-yantra faculty coordinator, Prof. S. A. Joshi, Prof. A.V. Chavan, teaching, non-teaching staff and students who rendered valuable guidance and support for the event.





P. S. Sawant
Mrs. P. S. Sawant
Head
E&TC Engg.

One day Workshop -Hands on session on PCB Design and Implementation

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
S. No.18, Plot No.5/3, Karvenagar, PUNE - 411 052

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Hands on session on PCB Design



Workshop Name: Hands on session on PCB Design

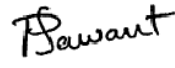
Workshop Date: 11th March 2020

Venue: Electronics and Telecommunication Department

Department of E& TC Engineering organized "Hands on session on PCB Design" for TE E&TC students. Around 50 students from TE-E&TC participated in it. The session was conducted by the BE-E&TC students under the guidance of Dr. A. M. Solanke and Mrs. H. N. Burande. Introduction to PCB Design and Circuit Simulator -Proteus was given and Miniproject- which was the current semester subject in SPPU Curriculum related PCB layout doubts were solved.

Faculty co-ordinators, Dr. A. M. Solanke and Mrs H. N. Burande ensured smooth and timely conduction of the session.

MiniProject Co Ordinator
Dr. A. M. Solanke 
Ms. H. N. Burande 


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

One day seminar on " Basics of PLC " sponsored by B & R Automation

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING

Karvenagar, PUNE-411052

Department of Electronics & Telecommunication Engineering

Date: 10/04/2020

Report

Department of Electronics & Telecommunication Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, has organized online seminar / orientation Workshop on 6th April 2020 using GoTo Meeting .

It was organized in association with B & R automation, Pune. Mr. Tanmay Sharma and from B & R Automation conducted the session on "PLC and PLC programming". He also guided on "Introduction to Control Systems". He focused on basics of Control Systems and PLC programming. It was attended by 70 students along with 4 faculty members. It was a great opportunity for students and faculty members to gain knowledge during lockdown period of COVID-19 through such workshop.



Ms. M.R.Pangaonkar
Mr. A. G. Dakre

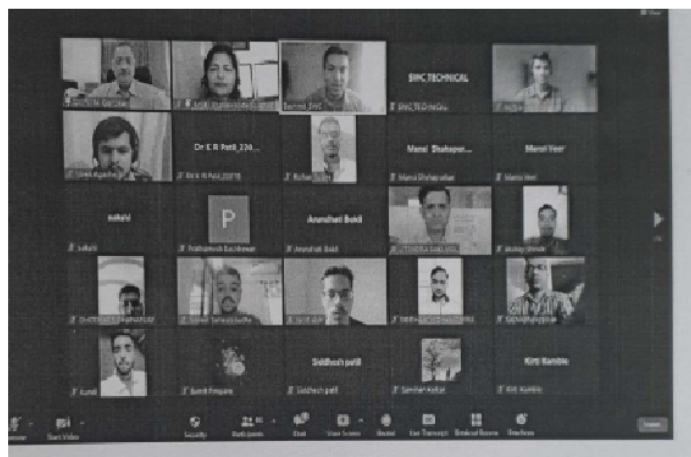
Coordinator

Health and Happiness workshop for Students


Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Accredited with 'A' Grade by NAAC
Department of Electronics & Telecommunication Engineering

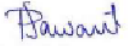
Reprt on "Health and Happiness Workshop"

The session on "Health and Happiness Workshop" was conducted on 27/05/2020 for all MMCO students. The session was given by Mr. Anand Patil. He was an Associate Director in Cogniza Ltd and currently working as Chief Education Architect at KPIT Technologies Ltd. Incharge Principal Dr. V.N. Gohokar inaugurated Student Welfare club. It was attended by almost 10 students including a few teachers- Dr. KR Patil, Dr. Anjah Solanke and Prof. Jitendra Bakliwal



This session mainly focused on spiritual, mental, intellectual and emotional well-being of the students.


Ms. S. S. Tavse


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

Three days online FDP in "Recent Trends in Technology & Digital Education"

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

A Report

on

➤ **Three Days Online Faculty Development Program on "Recent Trends in Technology and Digital Education" in Association ISTE staff Chapter**
Date: 27th May to 29th May 2020

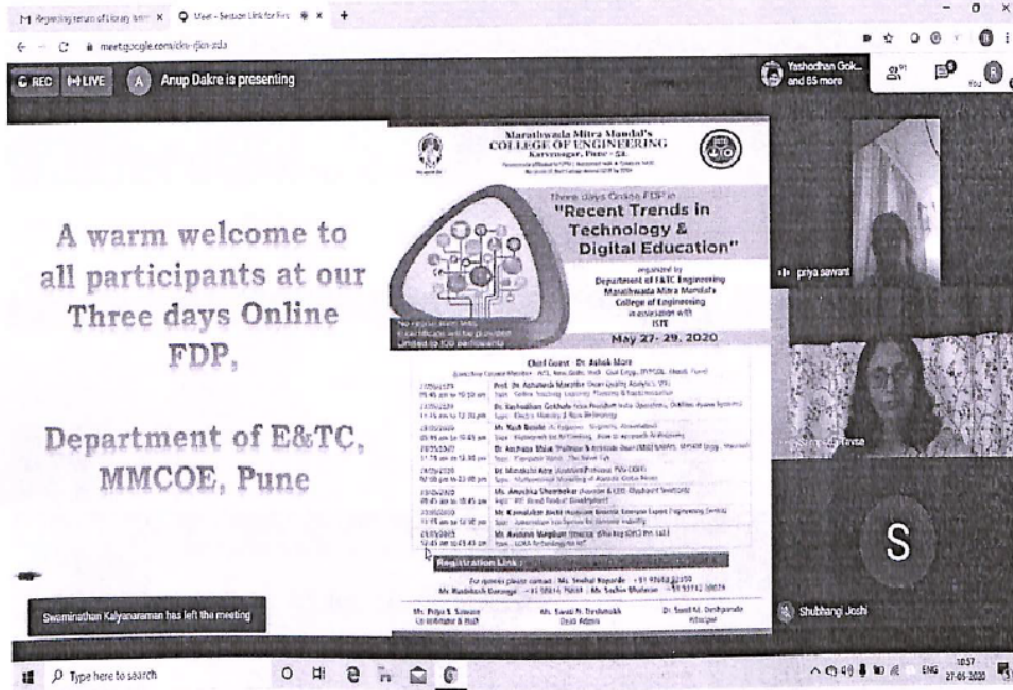
Department of Electronics & Telecommunication Engineering, Marathwada Mitra Mandal's College of Engineering, Karvenagar, has organized three days online faculty development program on "Recent Trends in Technology and Digital Education" in association ISTE staff Chapter" from 27th May to 29th May 2020. The session was inaugurated by Dr Ashok More, Executive council member, ISTE, New Delhi. Ms. P. S. Sawant, HoD (E&Tc), MMCOE briefed about the workshop. The main objective of this FDP is to motivate faculty member about recent trends in technology like online teaching, learning, Computer vision, IOT, Electric mobility and automation eco system. Dr. S. M. Deshpande, Principal, MMCOE, Ms. P. S. Sawant, HoD (E&Tc), Ms S. N. Deshmukh, Dean Admin, Dr. Anagha Kunte, Dr. Anjali Solanke, Ms. Sampada Tavase introduced guests.

➤ Prof. Dr. Ashutosh Gokhale, Dean Quality Analytics, VIT described the details on "Online teaching, learning and Implementation. Dr. Yashodhan Gokhale, Vice President India Operations, Octillion Power Systems conducted session on Electric Mobility and New Technology. Mr. Yash Bonde, AI Engineer, Shipmnts, Ahmedabad explained about Framework for AI Thinking and how to approach AI problems. Dr. Archana Bhise, Professor and associate Dean R&D NMIMS, MPSTM Engg, Mumbai conducted session on Computer Vision the Hawk eye. Dr. Minakshi Atre, Assistant Professor, PVG, COET described the detail about mathematical modelling of acoustic guitar notes. Ms. Anushka Shembekar, Founder & CEO, Olyphaunt solution conducted session on IOT based product development. Mr. Kamalakar Joshi, Associate Director, Emerson Export Engineering Centre explained about Automation eco system for terminal industry. And Mr. Avinash Magdum, Director, Whiz Key (OPC) Pvt. Ltd. Conducted session on LORA technology for IOT.

Total 90 participants have enthusiastically participated, in this Faculty Development Program. All the faculty members of E&TC department took effort to make the event successful. Presence of guests, participants and organizing committee members was

acknowledged by Dr. Anjali Solanki.

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



Photographs of FDP:

P. Sawant

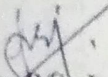
Event Name: Faculty Development Program on PHP & MySQL

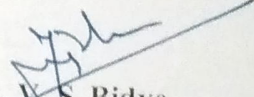
Event Date: 30th April to 5th May 2020

Mode: Online

The Departments of Information Technology and Computer Engineering in association with Spoken Tutorial, IITB had organized an online one week Faculty Development Program on PHP & MySQL from 30th April to 5th May 2020. In the wake of COVID-19 lockdown, it was conducted virtually and it received huge response instantly. One hundred and thirty five faculty members from various colleges all over Maharashtra participated in the program to make it a success.

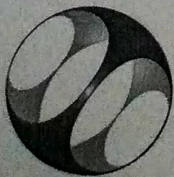
The program was organized and coordinated by Mrs. Preeti Joshi and Mrs. Anita Shinde with guidance from Dr. V. S. Bidve, HOD, IT and Dr. H.K. Khanuja, HOD Computer. Principal Dr. S.M.Deshpande supported the event wholeheartedly.


Mrs. P.S. Joshi
FDP coordinator


Dr. V.S. Bidve
Head, Information Technology Dept.



Certificate for Completion of PHP and MySQL Training



Spoken Tutorial

This is to certify that **GEETANJALI MOHOLE** has successfully completed **PHP and MySQL** test organized at **Marathwada Mitra Mandal's college of Engineering** by **PREETI JOSHI** with course material provided by the Spoken Tutorial Project, IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **ANITA SHINDE** at **Marathwada Mitra Mandal's college of Engineering** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

May 9th 2020

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

Prof. Kannan M Moudgalya
IIT Bombay



DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2019 - 20(Sem II)

Event Name: Workshop on C/C++

Event Date: 29/02/2020

Venue: MMCOE

MMCOE Remote Centre hosted a one day workshop on 29th February 2020 on C and C++, Conducted by the Teaching Learning Centre (ICT).

The importance of conduction of C/C++ is as follows:

1. C and C++ are used for developing operating systems, compilers, parsers, interpreters, word processors, search engines and graphic programmes, to mention a few.
2. Support: C requires less runtime support.
3. Portable programming language : A variety of C and C++ programmes written for one computer system, can be compiled and run on another system, with little or no change.
4. Modular : Written in routines called functions and classes, (C++) programs can be used in other applications or programs.
5. Preferred by professional programmers : A variety of C and C++ resources and helpful support are widely available.
6. Standardized : Many standards have been documented, maintained and updated for C and C++ as standard references.

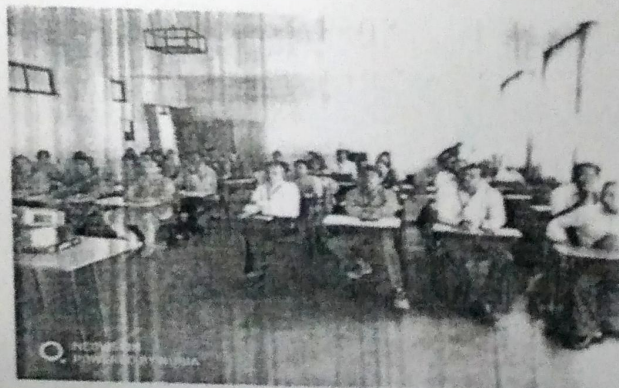
Considering the importance of the C/C++ this workshop is not subject-specific, teaching faculty from all colleges (engineering, sciences, arts, commerce, management, law, medicine, etc.), polytechnic colleges, ITIs, and schools, all attended this workshop

The C and C++ workshop is organised by the Teaching Learning Centre (ICT) at IIT Bombay, and coordinated remotely by MMCOE Remote Centre RC ID: 1534. Under the scheme of the 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT), MHRD, Govt. of India.

Live interaction of all the participants with IITB was conducted between 9 am to 10 am & 5 pm to 6 pm with Dr. Kannan M Moudgalya, Principal Investigator, Teaching Learning Centre (ICT) at IIT Bombay

Our Principal sir Dr. S. M. Deshpande and HOD sir Dr. V. S. Bidave guided participants by their enlightening speech.

Few snaps of the visit :



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 Recipient of Best College Award of A.Y. 2018-19 of SPPU

Workshop on C and C++ by IITB Remote Centre
Attendance

Participant Info

February 29th, 2020

	Name	Email	S 1	S 2	S 3	S 4
2004	Gauri Ghule	gouri.ghule@viit.ac.in	Ghule	Ghule	Ghule	Ghule
2006	Minal Deshmukh	minal.deshmukh@viit.ac.in	M	M	M	M
2006	Sangita Jaybhaye	smjaybhaye.scoe@sinhgad.edu	Sangita	Sangita	Sangita	Sangita
3745	Kalyani Ghuge	kalyani.ghuge@gmail.com	Kghuge	Kghuge	Kghuge	Kghuge
3752	Bharati Vasgi	bharativasgi@gmail.com	Bharati	Bharati	Bharati	Bharati
4350	Aniruddha P. Kshirsagar	aniruddha.kshirsagar@zealeducation.com	APK	APK	APK	APK
4391	Gopal Chandangole	gopal.chandangole@zealeducation.com	G	G	G	G
4839	Chandradeepa Chitalkar	chandradeepachitalkar@mmcoe.edu.in	Chitalkar	Chitalkar	Chitalkar	Chitalkar
5768	Sejal Raichura	sejalraichura@mmcoe.edu.in	Raichura	Raichura	Raichura	Raichura
25792	Shilpa Mashalkar	shilpamashalkar@mmcoe.edu.in	Shilpa	Shilpa	Shilpa	Shilpa
25775	Meesa S. Sawalkar	meesasawalkar@mmcoe.edu.in	Meesa	Meesa	Meesa	Meesa
25039	Pravin S. Patil	pravin.patil@zealeducation.com	Pravin	Pravin	Pravin	Pravin

Patil
 Dr. V. S. Bidve, HOD



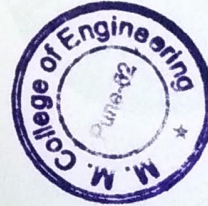
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Workshop on C and C++ by IITB Remote Centre
Registration

Participant Info

February 29th, 2020

Id	Name	Email	Fees Paid	Sign
✓ 222004	Gauri Ghule	gouri.ghule@viit.ac.in		
✓ 222006	Minal Deshmukh	minal.deshmukh@viit.ac.in		
✓ 223736	Sangita Jaybhaye	smjaybhaye.scoe@sinhgad.edu		
✓ 223745	Kalyani Ghuge	kalyani.ghuge@gmail.com		
✓ 223752	Bharati Vasgi	bharativasgi@gmail.com		
✓ 224350	Aniruddha P. Kshirsagar	aniruddha.kshirsagar@zealeducation.com		
✓ 224391	Gopal Chandangole	gopal.chandangole@zealeducation.com		
224839	Chandradeepa Chitalkar	chandradeepachitalkar@mmcoe.edu.in		
✓	Shilpa Mashalkar	shilpamashalkar@mmcoe.edu.in		
✓	Meera Sawalkar	meerasawalkar@mmcoe.edu.in		
✓	Sejal Rajchandra	sejalrajchandra@mmcoe.edu.in		
✓	Pravin S. Patil			



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DEPARTMENT OF INFORMATION TECHNOLOGY

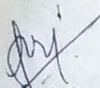
Academic Year: 2019-20

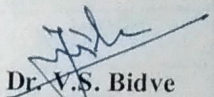
Event Name: Five Days hands-on workshop on python for third year IT students.

Event Date: January 2020

Venue: Ground floor, MCIII

A Five days hands-on workshop on python was organized by Department of Information Technology under MCIII on weekends in January 2020. The objective of workshop was to train students with basics and advanced concepts in python programming. Mr. Narendra Sardar from Autonetics Training Pvt. Ltd., Nasik conducted the workshop. Total twenty students of TE, IT participated in the workshop.


Mrs. Preeti S. Joshi
Coordinator


Dr. V.S. Bidve
Head, Information Technology



Training Module on "Python Programming"

Attendance

Sr. No.	Name	25-01-2020	01-02-2020	02-02-2020
1	Govind Rapanwad	<u>Govind</u>	<u>Govind</u>	<u>Govind</u>
2	Tejal Mahajan	<u>Tejal</u>	<u>Tejal</u>	<u>Tejal</u>
3	Shruti Kharat		<u>Shruti</u>	<u>Shruti</u>
4	Aachal Sawai	<u>Aachal</u>		
5	Pooja Muley	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>
6	Prajakta Shewale		<u>Shewale</u>	<u>Shewale</u>
7	Geeta Waghe	<u>Geeta</u>	<u>Geeta</u>	<u>Geeta</u>
8	Pratiksha Sathe	<u>Pratiksha</u>	<u>Pratiksha</u>	<u>Pratiksha</u>
9	Snehal Kadam			
10	Sushil Ingole	<u>Sushil</u>	<u>Sushil</u>	<u>Sushil</u>
11	Sachin Kamble	<u>Sachin</u>	<u>Sachin</u>	<u>Sachin</u>
12	Prajakta Bimalkhedkar	<u>Prajakta</u>	<u>Prajakta</u>	<u>Prajakta</u>
13	Ankita Bangale	<u>Bangale</u>	<u>Bangale</u>	<u>Bangale</u>
14	Archana Chauhan	<u>Archana</u>	<u>Archana</u>	<u>Archana</u>
15	Nikita Mule	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>
16	Devika Rembhotkar	<u>Devika</u>	<u>Devika</u>	<u>Devika</u>
17	Pooja Jagtap	<u>Jagtap</u>	<u>Jagtap</u>	<u>Jagtap</u>
18	Sanjana Pisute	<u>Sanjana</u>	<u>Sanjana</u>	<u>Sanjana</u>
19	Shubham Pawar	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>
20	Komal Kulkarni	<u>Komal</u>	<u>Komal</u>	<u>Komal</u>



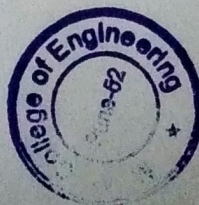
MakelTHappen Center for Invention, Innovation & Incubation, Karvenagar, Pune-5:

Training Module on "Python Programming"

Attendance

Sr. No.	Name	09-01-2020	10-01-2020	11-01-2020	13-01-2020	14-01-2020	Remark
1	Govind Rapanwad	<u>Govind</u>	<u>Govind</u>	<u>Govind</u>			
2	Tejal Mahajan	<u>Tejal</u>	<u>Tejal</u>	<u>Tejal</u>			
3	Shruti Kharat	<u>Shruti</u>	<u>Shruti</u>	<u>Shruti</u>			
4	Aachal Sawai	<u>Aachal</u>	<u>Aachal</u>	<u>Aachal</u>			
5	Pooja Muley	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>			
6	Prajakta Shewale	<u>Prajakta</u>	<u>Prajakta</u>	<u>Prajakta</u>			
7	Geeta Waghe	<u>Geeta</u>	<u>Geeta</u>	<u>Geeta</u>			
8	Pratiksha Sathe	<u>Pratiksha</u>	<u>Pratiksha</u>	<u>Pratiksha</u>			
9	Snehal Kadam	<u>Snehal</u>	<u>Snehal</u>	<u>Snehal</u>			
10	Sushil Ingole	<u>Sushil</u>	<u>Sushil</u>	<u>Sushil</u>			
11	Sachin Kamble	<u>Sachin</u>	<u>Sachin</u>	<u>Sachin</u>			
12	Prajakta Bimalkhedkar		<u>Prajakta</u>	<u>Prajakta</u>			
13	Ankita Bangale	<u>Ankita</u>	<u>Ankita</u>	<u>Ankita</u>			
14	Archana Chauhan	<u>Archana</u>	<u>Archana</u>	<u>Archana</u>			
15	Nikita Mule	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>			
16	Devika Rembhotkar	<u>Devika</u>	<u>Devika</u>	<u>Devika</u>			
17	Pooja Jagtap	<u>Pooja</u>	<u>Pooja</u>	<u>Pooja</u>			
18	Sanjana Pisute	<u>Sanjana</u>	<u>Sanjana</u>	<u>Sanjana</u>			
19	Shubham Pawar	<u>Shubham</u>	<u>Shubham</u>	<u>Shubham</u>			
20	Anushka Nalawade						
21	Komal Kulkarni	<u>Komal</u>	<u>Komal</u>	<u>Komal</u>			

[Signature]
Mrs. P. S. Joshi



[Signature]
(Dr. V. S. Bidre)



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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2019-20 (Sem - I)

Event Name: Two days hands on workshop on "Python Programming"

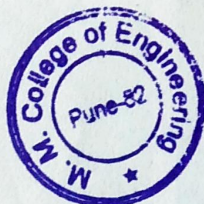
Event Date: 28/09/2019 and 29/09/2019

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

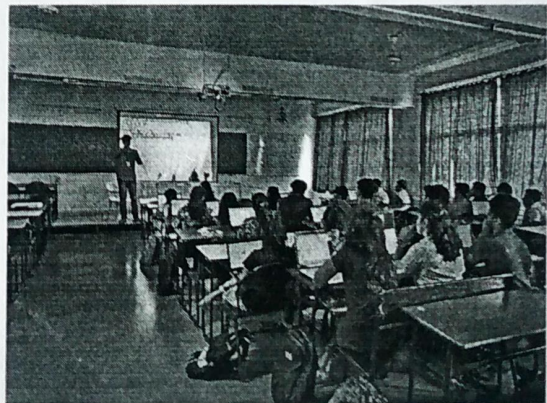
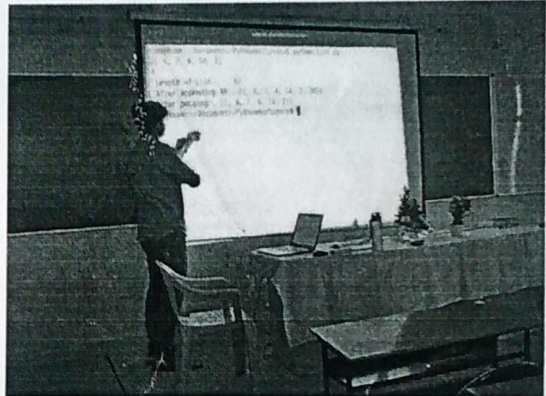
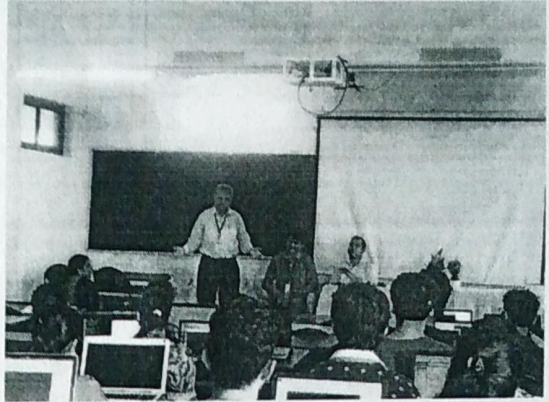
Two days hands on workshop on "Python Programming" was conducted for the students of SE, TE and BE IT on 28th & 29th Sept. 2019. Resource person for the session was Mr. Akmal Ziyad Gyasoddin, Persistent Systems Ltd., Pune. As a part of the workshop, individual student learned basics of Python Programming. Workshop was beneficial for the students to gain additional knowledge for developing applications in Python. Following contents were covered in the session -

- 1) Introduction to Python
- 2) Python Essentials and Data Structures
- 3) Python Functions
- 4) Modules
- 5) File Handling
- 6) Exception Handling

Ms. Pranjali Kuche
Asst. Prof.
Coordinator



Dr. V. S. Bidave
Head, Information Technology



DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2019 – 20 (Sem I)

Event Name: eSim Workshop

Event Date: 21/09/2019

Venue: *MMCOE*

"MMCOE Remote Centre" is hosting a one day workshop on 21st September 2019 on "eSim, a First Course in the IoT Series".

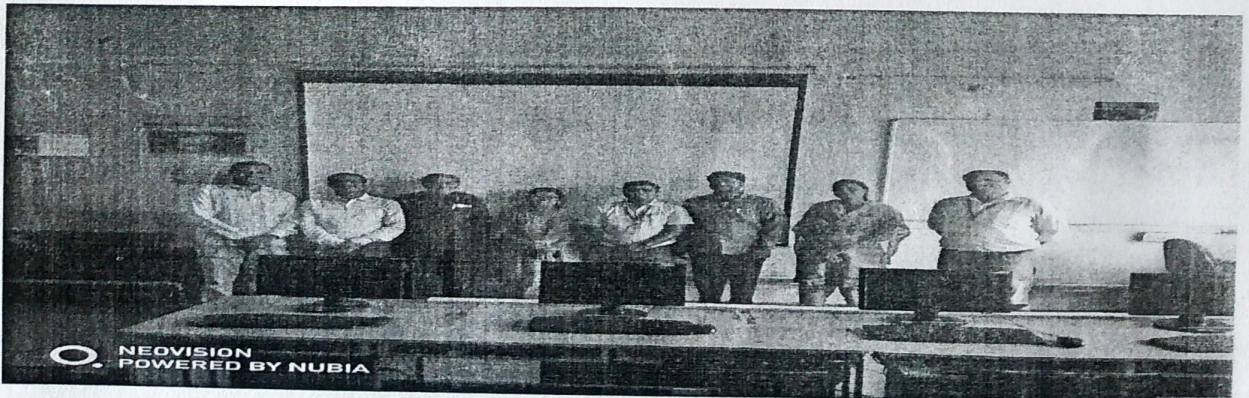
Objectives of the workshop:

1. Creation of the schematic of an Astable Multivibrator in eSim.
2. Simulating it and comparing the results with the corresponding hardware, and with hand calculations.
3. Creating the Gerber file for the above circuit. Those who complete the Gerber file may optionally send it to a PCB making company (IITB will share their details during the workshop), get a circuit on a PCB made, and do the testing. This is not a part of the workshop on 21 September 2019, however. Individual users have to bear all required expenses. IIT Bombay has no interest in this part.

Live interaction of all the participants with IITB was conducted between 9 am to 10 am & 5 pm to 6 pm with Dr. Kannan M Moudgalya, Principal Investigator, Teaching Learning Centre (ICT) at IIT Bombay.

Our Principal sir Dr. S. M. Deshpande and HOD sir Dr. V. S. Bidave guided participants by their enlightening speech.

Few snaps of the visit :



P. Kamble
Mr. Kamble P. B.
Co-ordinator



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

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 Recipient of "Best College Award 2019" by SPPU
 Workshop on eSim by IITB Remote Centre

Participant Info			September 21st, 2019			
Id	Name	Email	S 1	S 2	S 3	S 4
210796	Nandkumar Khachane	khachane.nandkumar@gmail.com	<i>Nandkumar</i>	<i>Nandkumar</i>	<i>Nandkumar</i>	<i>Nandkumar</i>
213224	Umankant Tupe	umakant.tupe@mmit.edu.in	<i>Gepe</i>	<i>Gepe</i>	<i>Gepe</i>	<i>Gepe</i>
213287	Tejaswini Bhoje	tejaswini.bhoje@mmit.edu.in	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>
213345	Vishwajeet Jadhav	vnj9594@gmail.com	<i>Vishwajeet</i>	<i>Vishwajeet</i>	<i>Vishwajeet</i>	<i>Vishwajeet</i>
213362	Mosam K. Sangole	mosamleo@gmail.com	<i>m Sangole</i>	<i>m Sangole</i>	<i>m Sangole</i>	<i>m Sangole</i>
214178	Snehal Koparde	snehalkoparde@mmcoe.edu.in	<i>Snehal</i>	<i>Snehal</i>	<i>Snehal</i>	<i>Snehal</i>
214669	Vijay Gohokat	vngohokar@rediffmail.com	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>
214692	Anagha Kunte	anaghakunte@mmcoe.edu.in	<i>AK</i>	<i>AK</i>	<i>AK</i>	<i>AK</i>
214703	Shubhangi Joshi	shubhangijoshi@mmcoe.edu.in	<i>SA</i>	<i>SA</i>	<i>SA</i>	<i>SA</i>
	Anup Dakre	anupdakre@mmcoe.edu.in	<i>AD</i>	<i>AD</i>	<i>AD</i>	<i>AD</i>

Kamble
 Mr. Kamble P. B.
 RCC, MMCOE

Joshi
 Dr. V. S. Bidave
 HOD, IT



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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2019-20 (Sem – I)

Report of four days training program on “Cross Platform Mobile App Development (CPMA)” followed by Microsoft MTA Certification on JAVA Script (98-382) for the students under the MoU with ATS Learning Solutions Pvt. Ltd.

Event Date & Time: 29th July to 01st August 2019, 10:00 am to 5:00 pm

Class: SE,TE,BE

No. of Participants: 42

Venue: Laboratory no. 407, Dept. of Information Technology, MMCOE, Pune

Resource Person: Mr. Suresh Pal

Topics Covered :

Day 1: HTML, CSS, JavaScript

Day 2: jQuery, Setting up Cordova, User Interface Development with jQuery Mobile

Day 3: Media management, Progressive web App

Day 4: Implementing mini project, Practice exam test

Objective :

- To understand how jQuery Mobile provides a touch-friendly user interface
- To create and incorporate custom CSS and JavaScript into your mobile app
- To understand responsive web design by using media queries, insert images and sounds into an app
- To deploy your app with Apache Cordova



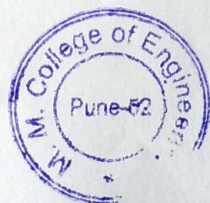
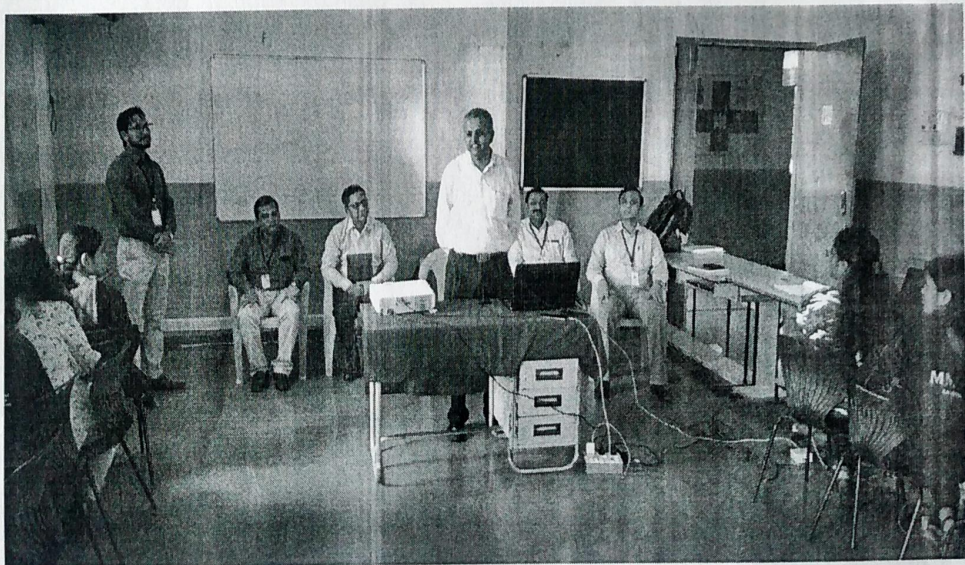
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Description:

A four day training program on "Cross Platform Mobile App Development (CPMA)" was jointly organized by Marathwada Mitra Mandal's College of Engineering (Karvenagar, Pune) in association ATS Learning Solutions Pvt. Ltd. during 29th July to 01st August 2019 at MMCOE, Karvenagar campus. The inauguration function was held in presence of Dr. Sunil M. Deshpande (Principal, MMCOE), Dr. Vikas R. Deulgaonkar (Dean, Student Affairs), Dr. Vijaykumar S. Bidve (Head, Department of Information Technology) and Dr. Sandip M. Chaware (Head, Department of Computer Engineering). Mr. Suresh Pal was the trainer for this training program having 14+ years of Industry/teaching experience on the subject matter as International certified trainer on the subject matter. He is awarded "Best Trainer" four Times in Mumbai Region. The training program was conducted with all hands-on sessions covering JavaScript, jQuery, SQLite database, Media and Geo-location management APIs, Deploying and testing Application etc. The training program received overwhelming response with a total of 42 participants participating in. These students will be receiving Microsoft MTA Certificate after clearing an online exam based on the training program. The overall program was organized by department of Information Technology, MMCOE and coordinated by Mr. Swapnil S. Shinde.

Photographs of Event:

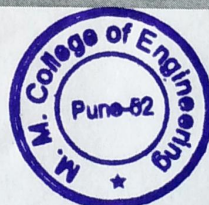
[1] Dr. Sunil M. Deshpande (Principal, MMCOE) guiding student participants at the inauguration of training program



[2] During training program



[3] Student participants with trainer of program Mr. Suresh Pal.



Conclusion :

Students have learnt HTML, CSS, JavaScript, jQuery, Apache Cordova API. They also completed mini projects on the same .

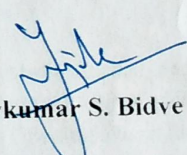
Outcomes:

- Students will be able to develop relevant programming abilities and apply the concepts and method of web/mobile app development to solve problems in real world contexts and will communicate these solutions effectively. (PO1)
- Students will be able to design solutions or components for complex problems in the context of web/mobile app development. (PO3)
- Students will be able to use modern IT tools like Apache Cordova for creating cross platform or native apps. (PO5)
- Students will be able to recognize the need of knowledge in the field of web/mobile app development. (PO12)
- Students will be able to develop quality web/mobile applications. (PSO1)
- Students will be able to pursue advanced knowledge and professional development in the field of web/mobile app development.(PSO2)



Mr. Swapnil S. Shinde

(Coordinator)



Dr. Vijaykumar S. Bidve

(Head, Information Technology)

Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Karvenagar, PUNE - 411 052
Accredited with 'A' Grade by NAAC

DEPARTMENT OF INFORMATION TECHNOLOGY
&
DEPARTMENT OF COMPUTER ENGINEERING

Academic Year: 2019-20 (Sem – I)

Event Name: One week Faculty Development program on "Data Science & Big Data Analytics" in association with ICT academy

Event Date: 29th July 2019 to 2nd August 2019

Venue: Computer Networks Lab (511) , Dept. of Computer Engg., MMCOE, Pune

One Week Faculty Development Program on "Data Science & Big Data Analytics" was organized at Marathwada Mitra Mandal's College of Engineering, Karvenagar from 29th July 2019 to 2nd August 2019. This program was jointly organised by Department of Computer Engineering & Department of Information Technology. This FDP was organized under the MoU signed by MMCOE and ICT academy. Total 23 faculties participated in this FDP. This FDP was successfully organized under the guidance of Dr. S. M. Deshpande, Principal, MMCOE; Dr. V. S. Bidve (Head – Department of IT); Dr. S. M. Chaware (Head – Department of Computer Engineering). The FDP was coordinated by Ms. Abhilasha Kulkarni (Asst. Prof. Dept of Computer Engineering) and Mr. Nikhil Dhavase (Asst. Prof. Dept of IT).

Topics Covered in FDP:

Day 1: Big Data Analytics

Day 2: Basic of R programming, Operators, Matrix multiplication, vector & list

Day 3: Data Visualization in R – bar plot, pie chart, Histogram, boxplot and many more advanced plot customization.

Day 4: Handling missing values, WhatsApp sentiment analysis, Database connectivity in R, Image Transformation

Day 5: Implementing Apriori Algorithm and Naïve Bayes Algorithm using R

Objective :

1. To learn how to design and Program R Applications
2. Understand the concept of Vector, Data types and operators in R
3. Plot data using appropriate R Visualization libraries
4. Understand different machine learning algorithm for predictive analysis in R

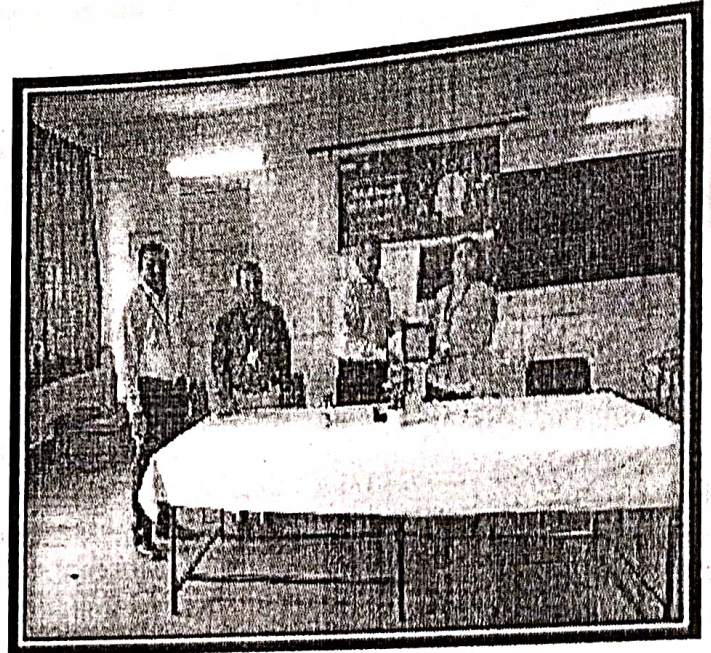
Outcomes:

- 1. Faculties will develop relevant programming abilities
- 2. Faculties will apply data science concepts and method to solve problems in real world contexts by using advanced Analytics Theory , Methods, Technologies and Tools

CONCLUDING REMARK:

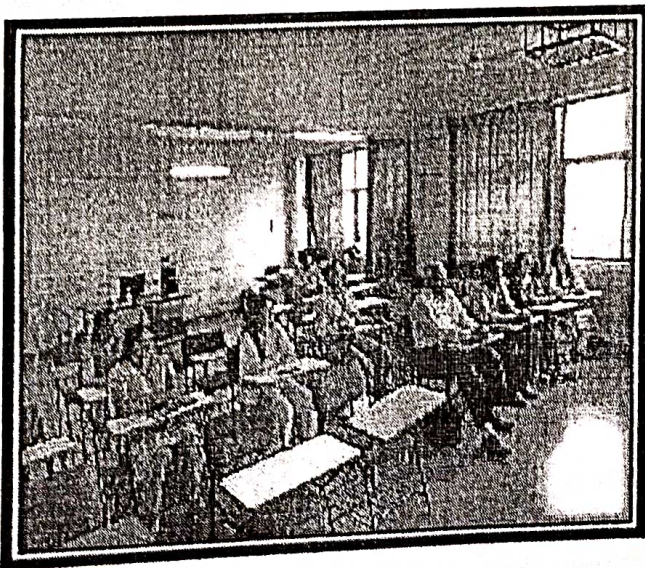
The participants shared their feedback positively about the FDP. All the participant have actively participated in all the session and completed the activity assigned to them.

Photographs of Event:

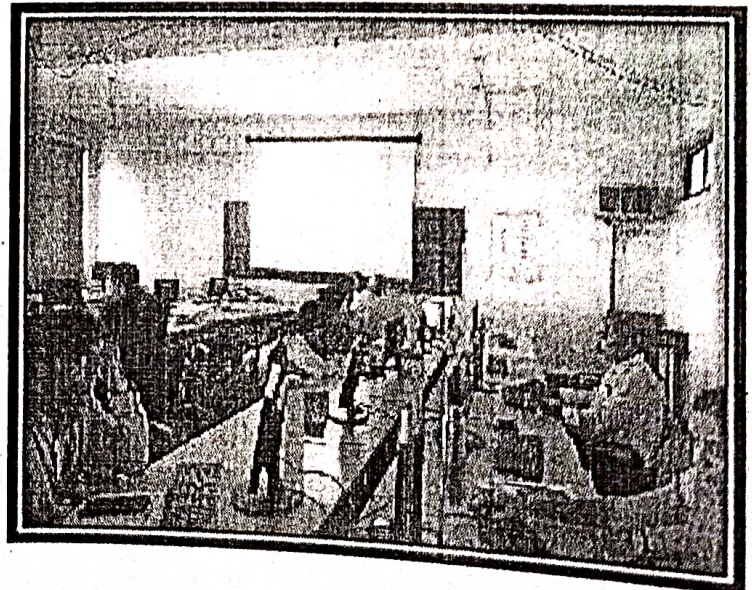


[1] Principal Dr. S.M Deshpande giving the insight about the workshop

[2] Ms. Navpreet Kaur (Workshop Trainer) felicitated by Dr. S. M. Deshpande (Principal,MMCOE)




[3] Inaugural session



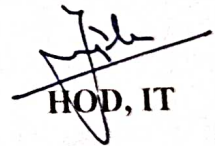
[4] Handson session



Valedictory function on 2nd Aug 2019


Coordinator


HOD, Computer Engineering

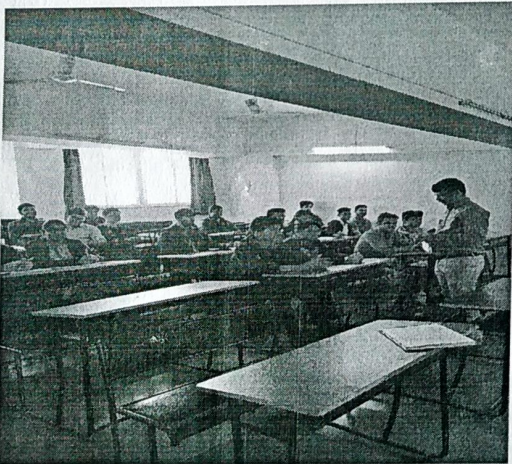

HOD, IT

File No: 31

DEPARTMENT OF INFORMATION TECHNOLOGY

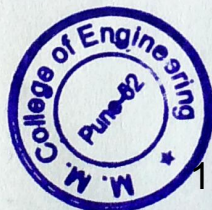
Academic Year: 2019-20 (Sem - I)

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 24/06/2019 to 28/06/2019 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.



Ms. Shital Kakad
Asst.Professor ,IT

Dr. V. S. Bidve
HOD,IT



Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
 Karvenagar, Pune - 52
DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2019-20 SEM - I
Student Roll Call List

Class S.E (IT)
C Language Workshop

Date: 24/06/19 - 28/06/2019

Sr. No.	Roll No.	NAME OF STUDENT	24/6/19	25/6	26/6/19	27/6/19	28/6/19
1	SI01	Akshay Shahaji Tale	A	Grade	Grade	Grade	↑
2	SI02	Amit Vijaykumar Kadam		A	A	A	↓
3	SI03	Badave Preeti Kishor	Badave	Badave	Badave	Badave	Badave
4	SI04	Bali Swasti Rajesh	A	A	↑	↑	↑
5	SI05	Bhagwat Shruti Sunil	A	A	↑	↑	↑
6	SI06	Bhomaj Bhakti Sanjay	A
7	SI07	Bindu Bhargavi Shailendra
8	SI08	Chavan Sachin Dhondiram	.	A	X	.	X
9	SI09	Chopade Akash Machhindra	Chopade	Chopade	Chopade	.	.
10	SI10	Darshan Yogendrasing Rajput	A	A	A	.	A
11	SI11	Dashpute Pushkar Prashant	.	A	A	.	A
12	SI12	Deshmukh Prathamesh Ganesh	Prathamesh	Prathamesh	Prathamesh	.	A
13	SI13	Gangawane Harsh Hindurao	Harsh	Harsh	Harsh	.	Harsh
14	SI14	Ghaisas Isha Milind	A	A	A	.	A
15	SI15	GORE ABHAY DHANRAJ	Abhay	Abhay	Abhay	X	Abhay
16	SI16	GUJAR AMIT SUNIL	A	A	A	↑	↑
17	SI17	Hedda Raghav Raghuraj	A	A	RRH	↑	↑
18	SI18	Hiwale Pratiksha Yashwant	.	A	A	.	X
19	SI19	Hatwalne Bhagyesh Prasad	Bhagyesh	Bhagyesh	Bhagyesh	.	Bhagyesh
20	SI20	Inkar Sanchit Ankush	A	A	↑	.	↑
21	SI21	Jadhav Parikshit Satish	A	A	↑	.	↑
22	SI22	Kalinkar Vaibhavi Nitin	A	A	↑	.	↑
23	SI23	Karale Tanvi Dnyaneshwar	.	A	X	.	.
24	SI24	Katkar Shubham Jotiram	Shubham	A	Shubham	.	X
25	SI25	Keskar Omkar Chandrashekhar	Omkar	Omkar	Omkar	.	Omkar
26	SI26	Khadke Lokesh Yuvraj	Lokesh	A	Lokesh	.	↑
27	SI27	Khire Rutuja Sandeep	A	A	A	.	↓
28	SI28	Khobragade Ashmit Kavita	A	A	A	.	↓
29	SI29	Kolhe Piyush Milind	Piyush	Piyush	Piyush	.	Piyush
30	SI30	Lalge Rutuja Vinod	.	A	A	.	A
31	SI31	Lalwani Abhishek Rajesh 116	A	A	Abhi	.	Abhi
32	SI32	Lanke Minakshi Ramesh	.	.	A	.	A

35	SI35	NAGARKAR SANKET RAJESH	A	A	A	↓	A
36	SI36	Palaskar Gaurang Dilip	.	.	A	↓	llalaskar
37	SI37	Pansare Aditya Ananta	ditya	ditya	ditya	ditya	ditya
38	SI38	Patil Vikrant Satish	Vat	Vat	Vat	A	Vat
39	SI39	Porwal Aishwarya Chandrashekhar	Porwal	Porwal	Porwal	Porwal	Porwal
40	SI40	Rajas Manoj Ronghe	A	A	A	↑	A
41	SI41	Raut Prajakta Sanjay	PR	A	PR	↓	PR
42	SI42	Sairaj Dilip Khandagale	.	A	A	↓	A
43	SI43	Salvi Vedant Rajesh	Salvi	A	Salvi	Salvi	Salvi
44	SI44	Sanap Rohit Dinkar	.	A	A	A	↓
45	SI45	Sanket Sushant Dolas	A	A	A	A	↓
46	SI46	Sarode Nikhil Prashant	Sarode	Sarode	Sarode	Sarode	Sarode
47	SI47	Sarolkar Sejal Sudhir	A	A	↑	↑	↑
48	SI48	Sham Balaji Birajdar	.	A	↑	↑	↑
49	SI49	Shirude Tejas Shekhar	A	A	↓	↓	↓
50	SI50	Sholapurkar Aditya Anand	Sholapurkar	Sholapurkar	Sholapurkar	Sholapurkar	Sholapurkar
51	SI51	Survase Soham Rajkumar	A	A	↑	↑	↑
52	SI52	Suryavanshi Sonali Vijay	A	A	↑	↑	↑
53	SI53	Velapurkar Samruddhi Vishwas	A	A	↓	↓	↓
54	SI54	Virkar Amit Mahesh	A	A	↓	↓	↓
55	SI55	Yash Santosh Dixit	Yash	Yash	Yash		AMY
	56		Yash	Yash	Yash		↑
	57		A	.	↑		↑
	58		A	A	↑		↑
	59		A	A	↑		↑
	60		A	.	↓		↓



Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING
Karvenagar, PUNE - 411 052
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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2018-19 (Sem II)

Event Name: Workshop on Python

Event Date: 22/06/2019

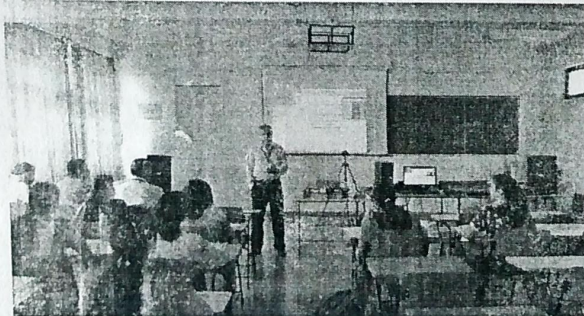
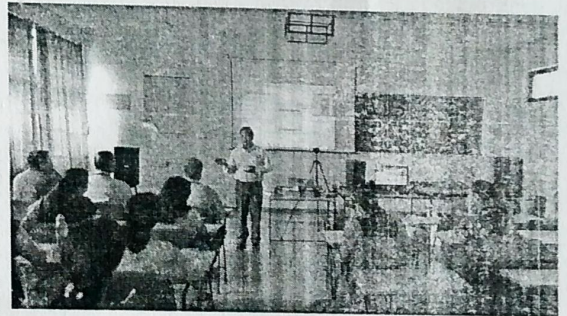
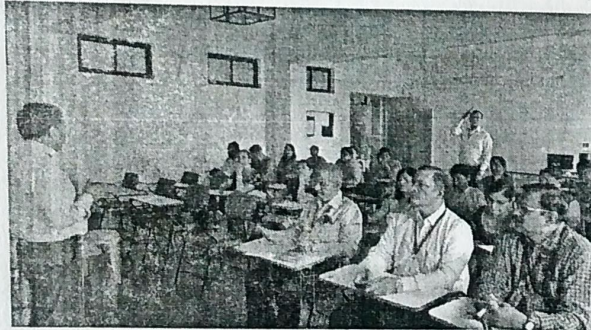
Venue: **MMCOE**

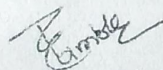
MMCOE, Department of IT, hosted a workshop on Python organized by IIT Bombay Remote Center on 22nd June 2019. This workshop was conducted by Mr. Kushal Kairnar. Total 25 participants from various colleges across Maharashtra, took part in this workshop. This workshop was organized under Teaching Learning Centre (ICT) at IIT Bombay, a scheme of 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT), an initiative of the Ministry of Human Resource Development, Government of India.

In this workshop, participants were taught about installation of IPython on local machines which included basic installation and different commands and libraries were explain to participants. Candidates performed hands practical on python with the help of IITB's spoken tutorial.

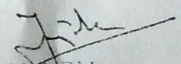
Live interaction of all the participants with IITB was conducted between 9 am to 10 am & 5 pm to 6 pm with Dr. Kannan M Moudgalya, Principal Investigator, Teaching Learning Centre (ICT) at IIT Bombay. Principal, Dr. S. M. Deshpande sir and HOD IT, Dr. V. S. Bidave sir guided participants by their enlighting speech.

Few snaps of the visit :




Mr. Kamble P. B.
Co-ordinator



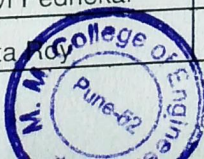

Dr. V. S. Bidave
Head of Department, IT

Attendance Sheet for Date : 2019-06-22
Python Workshop on 22 June 2019 for Teachers and Research scholars

June 22nd, 2019 to June 22nd, 2019

Under the National Mission on Education through ICT, MHRD, New Delhi
1534 - Marathwada Mitra Mandals College Of Engineering, Karve Nagar, Pune

Participant			Signature			
S No	Participant ID	Name	Session 1	Session 2	Session 3	Session 4
1	203853	Pooja Dhule	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	204023	Pradnya Mehta	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	204263	Samadhan D. Mali	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	204683	Anita Shinde	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	205001	Dhanashri Patil	AB	AB	AB	AB
6	205199	Suchita Wankhade	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	205419	Dipali Pawar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	205835	Arti Swami	AB	AB	AB	AB
9	205883	Mahadevi Namose	AB	AB	AB	AB
10	205895	Rupali Zamare	AB	AB	AB	AB
11	205934	Rohini Bhosale	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	206066	Yogita Ozarde	AB	AB	AB	AB
13	206462	Rupali Dalvi	(PI)	(PI)	(PI)	(PI)
14	206482	Jagruti Wagh	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	206540	Shubhada Mone	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	206643	Kirti Satpute	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	207129	Ashwini Dune	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	207159	Pramodini Punde	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	207451	Shekhar Keshman	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
20	207469	Gitanjali Mody	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
21	207507	Vibhavari Prasad	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
22	207878	Ujjwala Rawandale	AB	AB	AB	AB
23	207903	Janhavi Pednekar	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
24	207993	Anindita	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>



Department of Mechanical Engineering

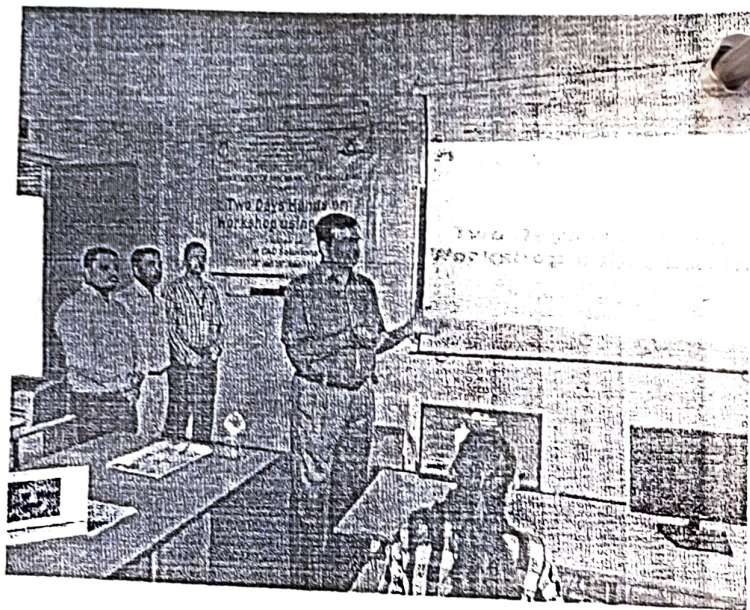
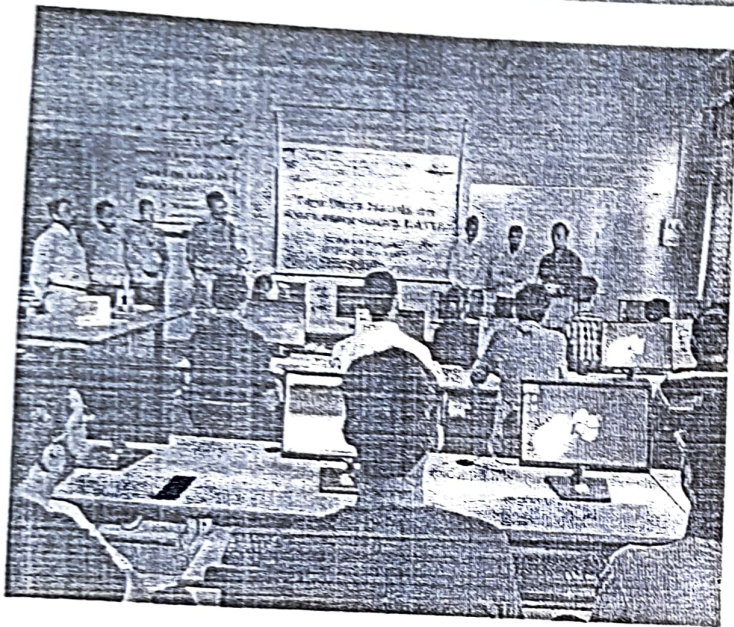
Date: 30/06/2019

Report of Two days Hands-on Workshop using CATIA Software for T.E. Mechanical Students

Mechanical Engineering Department organized and conducted a two days hands-on workshop using CATIA software in association with M-CAD Solutions, Pune for T.E. Mechanical students on 28th & 29th June 2019. Felicitation of resource persons Mr. Manoj Potdar and Mr. Dadasaheb Jadhav, was done by Dr. P.S. Purandare, HOD Mechanical Engineering, Mr. S.N Belsare and Mr.R.S Yadav. Dr. P.S. Purandare and Dr. V.R. Deulgaonkar, Convener of workshop, addressed the students during inaugural function.

CATIA is a multi-platform software suite for computer-aided design, computer-aided manufacturing, computer-aided engineering, PLM and 3D. It manages the generation of the largest, most complex models. The aim of the workshop was to provide implementation of solid modeling and get hands-on experience with the real world projects. The workshop was conducted in two sessions per day (Morning & Afternoon). Total 20 T.E students actively participated in the workshop. Interactive sessions were conducted by Mr. Dadasaheb Jadhav, M-CAD Solutions.

The concluding ceremony for the hands-on workshop was conducted on 29th June 2019. 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, Dr.V.R.Deulgaonkar of the workshop presented vote of thanks. Organizing team included Dr.V.R Deulgaonkar, Mr.S.N Belsare, and Mr. R.S Yadav.



Dr. V.R. Deulgaonkar

Dr. V.R. Deulgaonkar
Workshop Convener
Department of Mechanical Engineering

Dr. P.S. Purandare

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



Department of Mechanical Engineering

Date:29/09/2019

Report of Add-On Course on Catia Software.

Mechanical Engineering Department conducted a Add-On Course on Catia Software for B.E. Mechanical Students in association with DesignTech CAD Academy Pune. Felicitation of resource persons was done by Dr. P.S. Purandare, HOD Mechanical Engineering. He and Dr. V.R.Deulgaonkar, Convener of Add on Course addressed the students during inaugural function.

DesignTech CAD Academy offers training courses in CAD, CAE, CATIA, AutoCAD, HyperMesh, PTC Creo and Ansys to students and working professionals / corporates. The training academy is an education wing of DesignTech Systems, a well known company in the CAD / CAE and engineering services field. The training institute is an authorized training partner of Dassault Systèmes, Altair HyperWorks and PTC in India.

The concluding ceremony for the Add –On Course was conducted and Certificates were distributed after completion of the program. During this HOD Mechanical Engineering shared his thoughts with participants regarding importance of CAD,CAM,CAE for career in Mechanical Engineering. Convener of the workshop presented vote of thanks. Organizing team included Dr.V.R.Deulgaonkar, Prof.S.N.Belsare, Prof.Vivekanand Naikawadi.



Dr. V.R.Deulgaonkar.

Coordinater

Add-on Courses



Dr.P.S.Purandare

Head

Department of Mechanical Engineering

College Of Engineering, Pune

Department of Mechanical Engineering

Two days Hands on workshop using CATIA

Student Attendace List

Sr.No.	Roll No.	Name of Students	28/06/2019		29/06/2019	
			Session I	Session II	Session I	Session II
1	TMC321	Anvay Mahajan	AGM	ATSA	ATSA	ATSA
2	TMC323	Shinde Sunil Dadaso	shds	shds	shds	shds
3	TMC339	Vishal Lekurmale	Vishal			
4	TMC333	Aditya Yardi	Aditya			
5	TMC317	Atharva Vinayak Kulkarni	AK	AK	AK	AK
6	TMC311	Anurag Karambelkar	AK	AK	AK	AK
7	TMC316	Atharva Kishor Kulkarni	AK	AK	AK	AK
8	TMC302	Sameep Bhajekar	SB	SB	SB	SB
9	TMC351	Mayur A. Marne	MA	MA	MA	MA
10	TMC352	Mihir Mechi	MM	MM	MM	MM
11	TMC360	Dyanesh T. Shinde	DS	DS	DS	DS
12	TMC361	Om Kailas Shinde	OS	OS	OS	OS
13	TMC350	Nitin Shivaji Tadhav	NT	NT	NT	NT
14	TMC356	Snehal Dadaso Patil	SP	SP	SP	SP
15	TMC346	Kunal Dattatraya Gherand	KG	KG	KG	KG
16	TMC353	Aniket Srivvanond Nadagesi	AN	AN	AN	AN
17	TMC358	Poojati Sagaji Shewale	PS	PS	PS	PS
18	TMC345	Gawade Veushali D	GV	GV	GV	GV
19						
20						
21	TMC344	Gaukward Prathamesh S	GP	GP	GP	GP
22	TMC368	Nayakwadi Omkar Raghunath	OR	OR	OR	OR
23	TMA154	Rushikesh Suresh Dongre			RD	
24						
25						
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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: 26/09/2019

**Report of Two days Hands-on Two days Hands on Workshop on Computer Aided
Engineering using Altair HyperMesh Software**

Mechanical Engineering Department organized and conducted a two days hands-on workshop on Computer Aided Engineering using Altair HyperMesh software in association with G2G Innovations, Pune for B.E Mechanical students on 24 & 25 September 2019. Felicitation of resource persons Mr. Sushil Bhagat was done by Dr. P. S. Purandare, Head, Mechanical Engineering, Mr. S. N. Belsare and Mr. R. S. Yadav. Dr. V. R. Deulgaonkar, Convener of workshop, addressed the students during inaugural function.

Altair HyperMesh is a high-performance finite element pre-processor to prepare even the largest models, starting from import of CAD geometry to exporting an analysis run for various disciplines. Altair HyperMesh™ is a market-leading, multi-disciplinary finite element pre-processor which manages the generation of the largest, most complex models, starting with the import of CAD geometry to exporting ready-to-run solver file. Aim of the workshop was to provide implementation of solid modeling and get hands-on experience with the real world projects. The workshop was conducted in two sessions per day (Morning & Afternoon). Total 22 B.E students actively participated in the workshop. Interactive sessions were conducted by Mr. Sushil Bhagat from G2G Innovations, Pune.

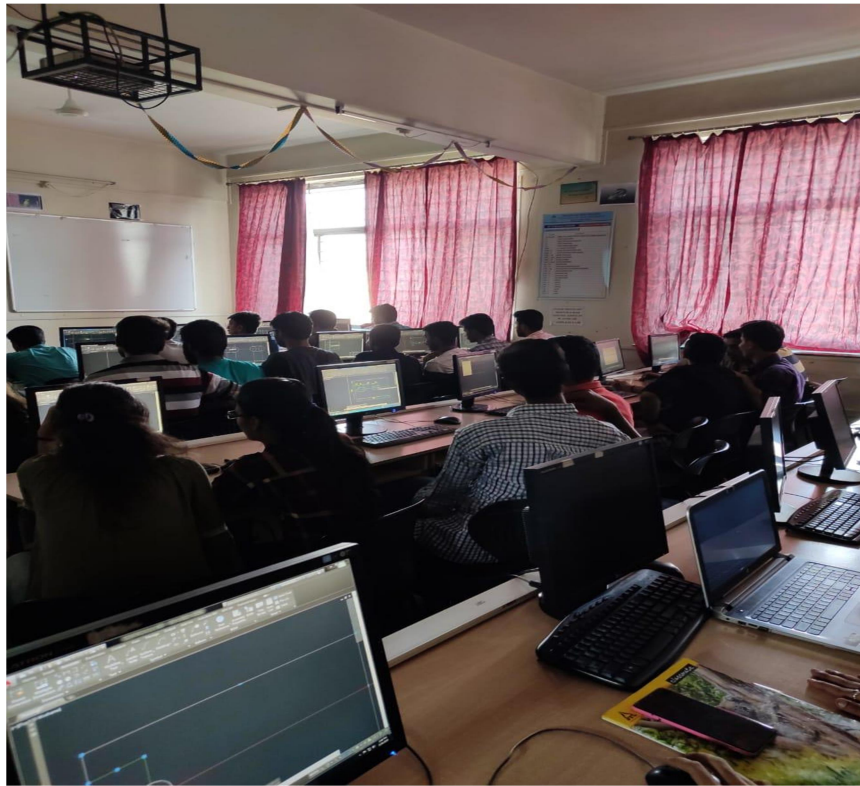
The concluding ceremony for the hands-on workshop was conducted on 25th September 2019. Certificates were distributed after completion of the program. During this HOD Mechanical Engineering shared his thoughts with participants regarding importance of software training for career. Convener, Dr VR Deulgaonkar of the workshop presented vote of thanks. Organizing team included Dr. V. R. Deulgaonkar, Mr. S. N. Belsare, and Mr. R.S Yadav



Dr. V. R. Deulgaonkar
Workshop Convenor



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



Marathwada Mitra Mandal's
COLLEGE OF ENGINEERING,

Karvenagar Pune 411052

Accredited with "A" Grade by NAA, Recipient of Best College Award 2018-19 by S.P. P.U

Ref.No: MMCOE/MECH/19-20/

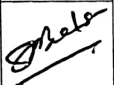

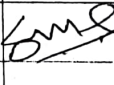
Date: 23/09/2019

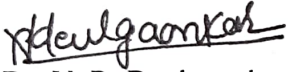
Department of Mechanical Engineering

Office Order

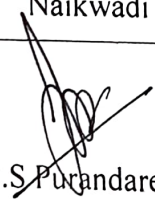
"Two days' workshop on Computer Aided Engineering using Altair HyperWorks HyperMesh Software"

Mechanical Department has organized Two days' workshop on Computer Aided Engineering using Altair HyperWorks **HyperMesh** Software on 24th and 25th September 2019. Following faculties are assigned the responsibilities for the same.


Sr. No.	Responsibility	Staff assigned	Sign
01	Printing of Flex, Brochure and Certificates & Report Preparation	Mr.S.N Belsare	
02	Venue Arrangement for Inauguration & Felicitation of Guests	Mr. Sunil Mane	
03	Lab arrangements, Software Installation	Mr. Sunil Mane	
04	Certificate Distribution to Participants, Breakfast and Lunch Arrangements for guests, Event Photography	Mr. D.B Chavan	
05	Feedback form, Collection of participants Feedback and Feedback analysis	Mr. Vivekanand Naikwadi	



Dr. V. R. Deulgaonkar
Workshop Covenor


Dr. P.S. Purandare
Head

Dept. of Mechanical Engineering


Dr.S.M Deshpande
Principal
MMCOE, Pune

Date: 24/09/2019

Department of Mechanical Engineering

Workshop on CAE using Altair Hyperworks

And HyperMesh Software

Attendance Day 1

Sr No	Name of Student	Sign
1.	MAYURI RAMDAS DIVATE	
2.	KATORE ROHAN GANJAY	
3.	INDRAJEET UDAY NIKAM	
4.	SHAILENDRA SUBHASH CHOPADE	
5.	Shalaka Khandu Pawar	
6.	AMEYA BULAKH SANJAY BULAKH.	
7.	ADARSHA BHAUSAHEB SURKUNDE	
8.	NEHA PRAKASH CHAVAN	
9.	PRATEK ANIL DIXIT	
10.	ATHARVA SHASHIKANT BORKAR	
11.	NUPOOR MANOJ INGOLIKAR	
12.	SAGAR BHAUSAHEB GHUTE	
13	SHRIDHAR KRISHNA MYAKAL	
14	Harshad Mangesh Kulkarni	
15	Prashant Anna Nagare	
16	Sayyad Nazirpasha N.	
17.	Aditya A. Balkawade	
18.	Sanket Karandikar	
19.	Neha Awate	
20	ARCHUNDAKAR POONAM DAGIANDU	
21	Aniket Sanjay Bhosale	
22.	Mahesh Ananta Dixit	

Date: 25/09/2019

Department of Mechanical Engineering

Workshop on CAE using Altair Hyperworks

And HyperMesh Software

Attendance Day 2

Sr No	Name of Student	Sign
1	SHRIDHAR KRISHNA MYAKAL	
2	HARSHAL MANGESH KULKARNI	
3	NEHA PRAKASH CHAVAN	
4	ADARSHA BHAUSAHEB SURKUNDE	
5	PRATIK ANIL DIXIT	
6	ATHARVA SHASHIKANT BORKAR	
7	NUPOOR MANOJ INGOLKAR	
8	SAGAR BHAUSAHEB GHUTE	
9	SHAILENDRA SUBHASH CHOPADE	
10	Shalaka Khandu Pawar	
11	AMEYA SANTAY BULAKH	
12	MAYURI RAMDAS DIVATE	
13	KATORE ROHAN SANJAY	
14	INDRAJEET UDAY NIKAM	
15	Prashant Anna Nagare.	
16	Sayyad Nazeeqasha N.	
17	Aditya A. Balkawade.	
18	Sanbet Karandikar	
19	Neha Aivate	
20	APCHUNDAKAR POONAM DACHADU	
21	Anikat Sanjay Bhasale	
22	Mahesh Ananta Dixit	



'ये बहुतांचे हित ।'
(Welfare of Masses)

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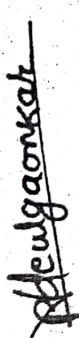
Certificate

This is to certify that

Mr./Ms. _____

of _____ has participated

in Two Days Hands on Workshop on "Hypermesh" from 24th and 25th September 2019, organised by Department of Mechanical Engineering, MMCOE, Pune sponsored by G2G Innovation LLP, Kothrud, Pune.


Dr. V. R. Deulgaonkar
Convenor


Dr. P. S. Purandare
HOD, Mech.


Sushilkumar D. Bhagat
Director, G2G Innovation


Dr. S. M. Deshpande
Principal

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

Date: 13/10/2019

**Report of One Day Workshop on Build Solar Panels from Fruit Juice and Produce
Electricity**

Mechanical Engineering Department and Electrical Engineering Department organized and conducted a one day hands-on workshop on Build Solar Panels from Fruit Juice and Produce Electricity in association with PC Technologies, Pune for B.E Mechanical and Electrical students on 11th October 2019. Felicitation of resource persons Mr. Sameer Patwardhan was done by Dr. P. S. Purandare, Head, Mechanical Engineering and Dr. V. N. Gohokar, Head, Electrical Engineering. Dr. V. R. Deulgaonkar, Convener of workshop, addressed the students during inaugural function.

Students created dye synthesized solar cell kit to produce solar PV cell using blackberry juice. features needed for plastic part design but they also learned the process behind the design. Objectives of the workshop were 1) To develop experimental learning program to teach young generations about the shift towards a more sustainable future 2) Making a solar cell with their own hands and experiencing magic of turning sunlight into electricity 3) To revolutionize understanding of molecules, materials and methods necessary to create more efficient technologies for solar fuels and electricity production. The workshop was conducted in two sessions in a day (Morning & Afternoon). Total 53 B.E students actively participated in the workshop. Interactive sessions were conducted by Mr. Mr. Sameer Patwardhan from PC Technologies, Pune.

The concluding ceremony for the hands-on workshop was conducted on 11th October 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 411 052

Accredited with A grade By NAAC, Recipient of Best College Award by SPPU

Date: 11.10.2019

Student Attendance from Electrical and Mechanical Engineering departments participated in workshop entitled "**Build Solar Panels from fruit Juice and Produce Electricity**"

Sr.No	Name of the Student	Branch	Signature
01	Yash Junnarkar	Electrical	Yash
02	Piyush Khodke	Electrical	Piyush
03	Sarthak Kide	Electrical	Sarthak Kamesh Kide
04	Hritik Dhore	Electrical	Hritik
05	Shivam Andhure	Electrical	Shivam
06	Vinayak Patil	Electrical	Vinayak
07	Sujit Jagtap	Electrical	Sujit
08	Gajanan Chavan	Electrical	Gajanan
09	Jitendra Bandagale	Electrical	Jitendra
10	Avdhoot Avhad	Electrical	Avdhoot
11	Sagar Phapale	Electrical	Sagar
12	Baliram Kale	Electrical	Baliram
13	Rucha Vaidya	Electrical	Rucha
14	Kishan Patel	Electrical	Kishan
15	Raj Shirbhate	Electrical	Raj
16	Devesh Chaudhari	Electrical	Devesh
17	Vinayak Nandikole	Electrical	Vinayak
18	Siddhesh Gulave	Electrical	Siddhesh
19	Rahul Mali	Electrical	Rahul
20	Prathamesh Mali	Electrical	Prathamesh
21	Mehek Khot	Electrical	Mehek
22	Pratiksha Jedhe	Electrical	Pratiksha
23	Pradnya Kulal	Electrical	Pradnya
24	Aryan Taramble	Electrical	Aryan
25	Yogesh Patil	Electrical	Yogesh
26	Rupesh Jayade	Electrical	Rupesh
27	Sourabh Pandharpurkar	Electrical	Sourabh
28	Harish Kumbhar	Electrical	Harish
29	Shubham Wani	Electrical	Shubham
30	Ajinkya Salunkhe	Electrical	Ajinkya
31	Ghanasham Kanaye	Electrical	Ghanasham
32	Yash Makode	Mechanical	Yash Makode
33	Pratik Patil	Mechanical	Pratik
34	Sufal Jain	Mechanical	Sufal
35	Shubham Kamble	Mechanical	Shubham
36	Abhishek Bhakre	Mechanical	Abhishek
37	Lotos Stanzin	Mechanical	Lotos
38	Rohan Bhairavkar	Mechanical	Rohan
39	Abhishek Dixit	Mechanical	Abhishek
40	Atharva Devare	131 Mechanical	Atharva

41	Shantanu Sapre	Mechanical	<i>(Signature)</i>
42	Atharva Gore	Mechanical	<i>(Signature)</i>
43	Ashish Pande	Mechanical	<i>(Signature)</i>
44	Swapnil Sonnad	Mechanical	<i>(Signature)</i>
45	Dhananjay Pawar	Mechanical	<i>(Signature)</i>
46	Aditya Kondalkar	Mechanical	<i>(Signature)</i>
47	Chaitanya Shimpi	Mechanical	<i>(Signature)</i>
48	Abhishek Yenapure	Mechanical	<i>(Signature)</i>
49	Purva Todmal	Mechanical	<i>(Signature)</i>
50	Kalpana Sakhre	Mechanical	<i>(Signature)</i>
51	Sunil Shinde	Mechanical	<i>(Signature)</i>
52	Shubham Shinde	Mechanical	<i>(Signature)</i>
53	Chaitanya Balaniwar	Mechanical	<i>(Signature)</i>

(Signature)

Mr.M.V Kawade
 Coordihator
 Department of Mechanical Engineering

(Signature)

Mrs.S.A. Upsani
 Coordinator,
 Department of Electrical Engineering

(Signature)

Dr.V.R.Deulgaonkar
 Convener, Workshop
 Dean (Student Affairs) & Associate Professor
 Department of Mechanical Engineering



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Certificate

This is to certify that

Mr. / Ms. _____

has participated in workshop entitled as

"Build Solar Panels from Fruit Juice and Produce Electricity"

*conducted on 11th October, 2019 jointly organised by Electrical & Mechanical
Engineering Departments and PC Technologies, USA at MMCOE, Pune.*

Dr. V. R. Deulgaonkar

Dr. V. R. Deulgaonkar
Convener

Dr. P. S. Purandare
H.O.D., Mechanical

Dr. V. N. Gohokar
H.O.D., Electrical

Dr. Sameer Patwardhan
Founder, PC Technologies, USA

Dr. S. M. Deshpande
Principal, MMCOE

About PC Technologies

Our mission is to empower every teacher and every parent with the tools to make STEM education fun.

We do this by building STEM experiment kits and conducting workshops around the most fundamental concepts in Science, Technology, Engineering & Mathematics. We believe more in the "learning" side of the education than "teaching".

Real learning can only happen when you DO things by yourself. That is why our STEM learning kits encourage the young minds to learn by building and breaking things. our products are

Dye-Sensitized Solar Cell Kit-Create solar PV cells using blackberry juice. Each solar cell will produce electricity with 0.5 V and 0.1 mA current under sunlight.

Battery Kit--Create a battery pack using common household items – nuts and bolts! The battery pack produces 5-6 volts power with most food stuff – grapes, oranges, pancakes and curry, anything would work.

Technical Expert

Sameer Patwardhan is an accomplished materials scientist, educator and entrepreneur. He is founder of PC Technologies LLC, a US-based STEM Ed company with offices in Chicago and Pune. He has over 10 years of research and development experience in materials science with over 20 publications on design, synthesis, characterization and application of photoactive materials. An alumnus of IIT Bombay, TU Delft and Northwestern University, he is best known for popularizing hands-on and inquiry-based learning in energy science, internationally.

CHIEF PATRONS

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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

Dr. V. N. Gohokar
Head, Dept. of Electrical Engineering

CONVENOR

Dr. V. R. Deulgaonkar
Dean (Student Affairs)

Associate Professor, Dept. of Mechanical Engineering

TECHNICAL TEAM

Prof. M. V. Kawade
Mrs. S. A. Upasani

Venue :

Marathwada Mitramandal's
College of Engineering
Behind Vandevi Temple,
Karvenagar, Pune 411052

Contact Details :

Mobile : 9545159295

email : maheshkawade@mmcoe.edu.in



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DEPARTMENT OF MECHANICAL ENGINEERING

Organising

Workshop on
Build Solar Panels &
from Fruit Juice &
Produce Electricity

11th October, 2019



Marathwada Mitramandal's
College of Engineering,

Karvenagar, Pune 411 052

Accredited with A grade By NAAC, Recipient of Best College Award by SPPU

27/9/2019
[Signature]

Ref/MMCOE/MECH/19-20/209/343

Date: 25.09.2019

Submitted:

Subject: Regarding conduction of Hands-on Workshop on Solar cell device fabrication Jointly by Mechanical and Electrical Engineering Departments.

Respected Sir,

We are planning to arrange Hands-on workshop for SE/TE Mechanical and Electrical Students for the subject "Build Solar panels from Fruit Juice and Produce electricity". The speaker for this hands-on workshop is an accomplished material scientist with 10 years of experience at national and International level. This workshop is beneficial to students and is enriching the curriculum. The details of the workshop are as under:

- 1) Number of Student Participants Expected: 60 (30 Students per branch)
- 2) Fees Per student : Rs 100 per participant
- 3) Expenditure for workshop Kit: Rs 13000/-
- 4) Flex Printing and Publicity : Rs 3000/-
- 5) Expected revenue to be generated from student fees = Rs 6000/-
- 6) Net expenditure for the workshop from MMCOE = Rs 7000/-

Kindly approve and permit us to proceed further for this interdisciplinary activity.

Deulgaonkar
Dr. V.R Deulgaonkar
Workshop Co-ordinator,
Dean & Associate Professor
Department of Mech. Engg

To
HOD (Electrical)
5000
28/9

[Signature]
HOD (Mech)

[Signature]

HEAD
Dr. V.N. Gohokar
Dept. of Electrical Engg.

HEAD

Dr. P.S. Purandare
Department of Mech. Engg

Enclosures:

Workshop Proposal and speaker profile

To,
The Principal,
MMCOE, Karvenagar
Pune.

It is proposed to conduct

Workshop on Solar Cell Fabrication
Total expenditure on kit Rs 13000/-
Student contribution Rs 6000/-
MMCOE contribution Rs 7000/-
It is requested to grant approval
Rs 7000/- as MMCOE contribution

Rs. 5300/-
Gohokar
11/10/19
[Signature]



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DEPARTMENT OF ENGINEERING SCIENCES

Date: 20/03/2020

Name of Event: Rocketry and CANSAT workshop - Organized by Zenith Astronomy Club

Venue: MMCOE, 2nd week of March 2020

Number of participants :

Rocketry: 53 CANSAT: 84

Rocketry and CANSAT making workshops arranged at MMCOE fetched huge responses from the students of MMCOE, nearby colleges in Pune as well as from colleges of other districts.

Participants enjoyed learning about rockets and its components and building their own rockets. These rockets were launched from MMCOE college ground.

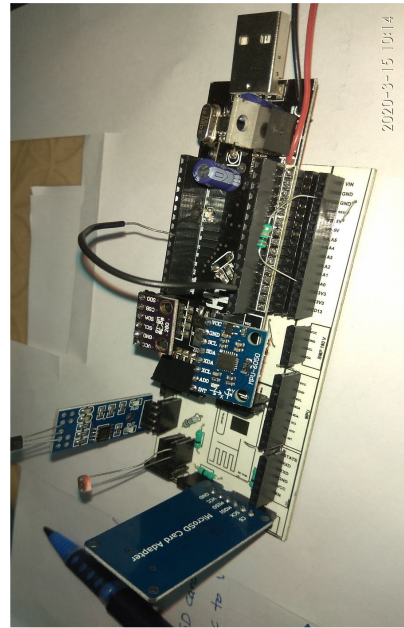
1. Rocket making: Lecture, Construction, Launching






2. CANSAT - Lecture, Hands-On, Coding, Launching






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



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DEPARTMENT OF ENGINEERING SCIENCES

Date: 22/07/2019



Name of Event: Chandrayaan 2 launching live streaming display-
Organized by Zenith Astronomy Club

Venue: Main Building, Porch Area

Time : 2 pm onwards

Chandrayaan 2 launching live streaming display was arranged by Zenith Astronomy Club on 22/07/2019 to celebrate the moment of national pride.

About 140 students of various branches, faculty members and staff were present during the display.

Together with the event at MMCOE, a group of 7 students went to Sriharikota to witness this event. Their names are as under:

Madhura A. Barshikar, Sahil Sourabha Dhapare, Dnyaneshwari Prasad Pawale, Mukul Hemchand Borole, Hemant Vikas Patil, Tejas Anil Rampurkar and Swasti Rajesh Bali



Dr. A.S. Sawaikar

Faculty Advisor, Zenith Astronomy Club

Date: 26/12/2019

Name of Event: Solar Eclipse viewing - Organized by Zenith Astronomy Club

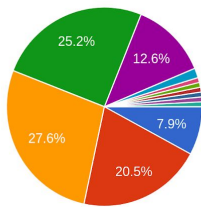
Venue: Main Building Terrace

Date: 26/12/2019 Time : 8 am to 11:30 am

Partial Solar eclipse viewing was arranged by Zenith Astronomy Club on 26/12/2019. There was a good response from all branches of MMCOE as well as nearby schools and colleges.

Registration:

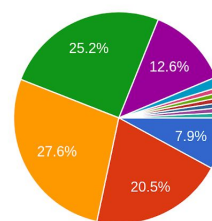
Branch
127 responses



- Electrical
- Mechanical
- Electronics and Telecomn
- Computer
- Information Technology
- Bsc
- FY. B. Sc
- DES

▲ 1/2 ▼

Branch
127 responses

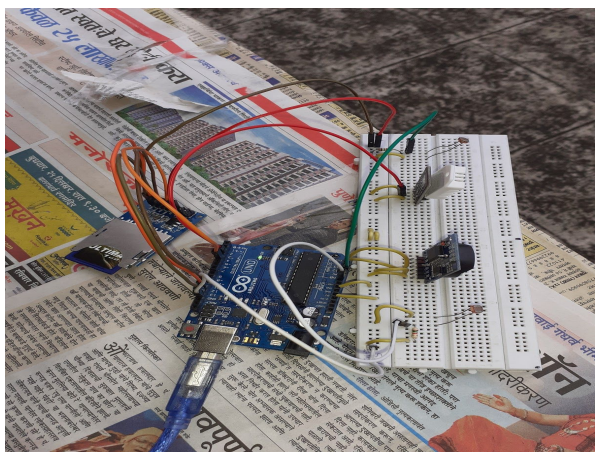


- FE
- Teacher
- Pure science
- Medical Technolo

▲ 2/2 ▼

Information was given to the participants about eclipse through posters. In addition, the organizers made measurements of various parameters to note down the changes in humidity, temperature and intensity using sensors.





This activity was organized by the following students of various branches of MMCOE:

Core team head : 1)Madhura Barshikar (E & Tc) 2) Chaitanya Shende (Comp) 3) Abhishek Yenpure ((Mech)

Core team members : 1) Onkar Kulkarni (E&Tc) 2) Vinayak Badigar (E&Tc) 3) Apoorva Bhadbhade (Comp) 4) Tejas Rampurkar (Mech) 5) Mukul Borole (Comp) 6) Swasti Bali (IT) 7) Dnyaneshwari Pawale (Comp) 8) Avdhoot Hole (Mech)

Dr. A.S. Sawaikar

Faculty Advisor, Zenith Astronomy Club