

# 3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship and skill development during the last five years



# MIT | Academy of Engineering

Alandi (D), Pune - 412105

#### Department of E&TC Engg.

Advancing Humanuty through Fechnology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Modern trends in Electronic Product Design

Trigger Point

: To discuss current Electronic Technologies from Industry

Experts

Date

: 30th August 2017

Venue

: Class Room (D-006), E&TC Engg. Department

Level of the Event

: Department

Coordinator

: Nutan V. Bnsode

Attendees

: Students (BE-E&TC, ETX)

No. of Participants

: 46

| Total                | 46 |
|----------------------|----|
| Students - BE (ETX)  | 09 |
| Students - BE (E&TC) | 37 |

Resource Faculty: Mr. Bhushan Pawar (Consultant), Mugdha Systems, Pune

Objectives

75

To introduce students current Electronics technologies & their applications

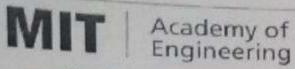
To discuss Project ideas in Embedded domain

RECEIVED

0.7 SEP 2017

01/3/17





#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity : Seminar in association with IETE

Details : 1. Technical Paper Writing 2. Poster Presentation

Trigger Point : Support student to present B.E. Major Project

Date : 15<sup>th</sup> September 2017 (1 day)

Venue : D011

Level of the Event : Department

Coordinator : Smita S. Kulkarni

Attendees : Students (BE-E&TC )

No. of Participants : 74

Resource Faculty : Dr. Vinayak K. Bairagi AISSMS IOIT

#### Objectives

- To provide overview of how to wright Technical Research Paper
- · To understand the technique behind effective poster presentation

#### Outcomes

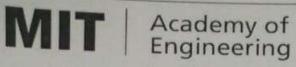
- Organize the layout of the B.E. major projects results in technical paper
- Demonstrate B.E. major project through Poster Presentation

RECEIVED

0 9 OCT 2017



8/0/18/18



#### Department of E&TC Empire

Advancing Humania Mengali Turning

(Accredited by NBA, ISO 9001:2008 Carriers

#### REPORT

Activity : Guest Lecture

Details : Telecom overview industry status & technology (4G)

Trigger Point : Requirement from the students in a class interaction

Date : 21st September, 2017(1 day)

Venue : Class Room A113

Level of the Event : Department

Coordinator : Dr. Debashis Adhikari

Attendees : Students (TE –B E&TC)

No. of Participants : 37

| Students – TE-B(E&TC) | 37 |  |
|-----------------------|----|--|
| Total                 | 37 |  |

Resource Faculty : Wg Cdr Anil Wathare, Ex-VP & CTO, Reliance
Communications Ltd.

#### Objectives

- To introduce the students with current trends in the field of telecommunication services
- To enhance the academic capabilities of the participants and motivate them to explore cellular telephony

#### Outcomes

- · Identify various aspects of telecom industry.
- · Describe the 4G

RECEIVED

2 6 OCT 2017.



## MIT | Academy of Engineering

Alandi (D), Pune - 412105

#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Emerging trends and Opportunities

in the field of Automation

Trigger Point

: Students requirement in the class

Date

: 27th September 2017

Venue

: Class Room (D-305), E&TC Engg. Department

Level of the Event

: Department

Coordinator

: Vaishali A. Katkar

Attendees

: Students B E.(E&TC)

No. of Participants

: 47

| Students - BE (E&TC) | 45 |
|----------------------|----|
| Faculty              | 01 |
| Total                | 47 |

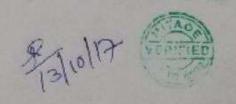
Resource Faculty

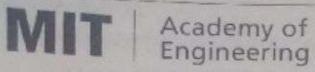
: Mr. Vivek Sardal, Regional, Manager

Prolific Systems and Technologies Pvt Ltd.

RECEIVED

1 3 OCT 2011.





#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Emerging Trends and Future Scope in Analog Electronics

Trigger Point

: To reveal and venture the opportunities in Analog

Electronics

Date

: September 27, 2017

Venue

: D007 (Class Room)

Level of the Event

: Department

Coordinator

: Bhairavi N. Savant

Attendees

: Students (S.Y.B Tech [ET] - Block-B4)

No. of Participants

: 48

Resource Faculty

: Pradip Magar, Sr. Design Engineer (Embedded) at Tata

Technologies, Pune

Objectives

.

- To reconnoitre the emerging trends and technologies in Electronics
- To scrutinize the analog electronic circuits, both discrete and integrated, required of an electronics engineer.
- To disseminate with the circuit design techniques involving discrete devices as well as the integrated circuits.
- To upgrade the user community with the analog design skills viz. Electronic Circuit Simulation for designing, testing tools, troubleshooting, etc.

RECEIVED

D 3 DCI ZULL



## MIT | Academy of Engineering

Alandi (D), Pune - 412105

#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Current Signal Processing Technologies

ologies and it

Applications

Trigger Point

: To discuss current Signal Processing Technologies from

Industry Experts

Date

: 28th September 2017

Venue

: Class Room (A-113), E&TC Engg. Department

Level of the Event

: Department

Coordinator

: Nutan V. Bansode

Attendees

: Students (TE-E&TC)

No. of Participants

: 46

Resource Faculty

: Dr. Sanjay A. Patil, ARAI, Pune

#### Objectives

- 30

- To introduce students current Signal Processing technologies & their applications
- To discuss Project ideas in Speech Processing and Signal Processing

#### Outcomes

Explore the fundamentals and applications of Speech Processing

· Elaborate various project ideas and its working

RECEIVED

0 9 OCT 2017





## MIT Academy of Engineering

Alandi (D), Pune - 412105

#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Add on Module

Details

: Certificate Course on SDH and DWDM Installation

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 11th Dec. to 22nd Dec. 2017 (2 Weeks)

Venue

: BRBRAITT BSNL. Jabalpur, Madhya Pradesh (M.P)

Level of the Event

: Department

Coordinator

: Dr. Subhashish Tiwari,

Sanjeev D. Ranjankar

Attendees

: Students (TE, BE- E&TC)

No. of Participants

: 19

Resource Faculty

: Rajeev Kumar Gangwar, Deputy General Manager (DGM),

Nand Lal Singh, Divisional Engineer (DE),

S K Jain, Divisional Engineer (DE).

Neelesh Pratap Singh, Sub Divisional Engineer (SDE),

Anshul R. Gokhle, Sub Divisional Engineer (SDE).

Rajesh Kumar Saraogi (SDE), Transmission & Core Network

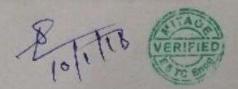
Faculty, BRBRAITT BSNL, Jabalpur

Objectives

· To provide an exposure to Network and Hardware Architecture of Synchronous Digital Hierarchy (SDH) & Dense Wavelength Division Multiplexing (DWDM) systems

RECEIVED

1.0 JAN ZUIN





## MIT | Academy of Engineering

Alandi (D), Pune - 412105

#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Cortified)

2 4 JAN 2018

#### REPORT

Activity : Add on Course

Details : Broadband Technician

Trigger Point : Develop leading skill in Telecom Sector

Date : 11th to 22nd Dec. 2017

Venue : RTTC, BSNL, Chinchwad

Level of the Event : Department

Coordinator : Sandeep S. Nagre

Attendees : Students (S.Y.B.Tech. & TE E&TC)

No. of Participants : 20

Resource Faculty ; N. S. Wankhade, Y. S. Upasani, N.D. Bavaskar,

S Y Dhande, S M. Thakare, U B. Joshi,

SDE, RTTC, BSNL, Pune

Objectives

 To familiarize with the broadband technology and proactively apply current knowledge, creativity, and problem solving skills in support of broadband communication systems.

 To enhance the academic capabilities of the participants and motivate them to explore broadband technology.

RECEIVED

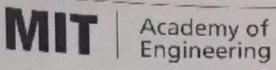
#### Outcomes

Explain the opportunities in Telecom industry.

Define DSS, DTS, TSI, OFC, Mobile Communication etc.

Procure insight into trends and technology used by BSNL and other Telecom
 Operators.





#### Department of E&TC Engg.

Advancing Humarar) through Technology

(Accredited by NBA, ISO 9001:2003 Certified)

#### REPORT

Activity

: Industrial Training and Certification

Details

: Two-Week Industrial Training on Skill Development

Course on Optic Fiber Technician

Trigger Point

: Deployment

of Telecom

Equipment

in

Telecommunication Network

Date

: Dec. 11 - Dec. 22, 2017 (2 Weeks)

Venue

: BSNL RTTC, Chinchwad, Pune.

Level

: National

Coordinator

: Satish S. Kabra

Attendees

: Students (TE & SY BTech E & TC)

No. of Participants

: 21

| Students - TE, SY (E&TC) | 20 |
|--------------------------|----|
| Faculty- E&TC Engg.      | D1 |
| Total                    | 21 |

Resource Person

: Mr. V.M. Dapurkar, Principal, RTTC, Pune

Mr. N.S. Wankhede, SDE, BSNL RTTC, Pune

Mr. S.M. Thakare, SDE, BSNL RTTC, Pune

Mr. S.A. Jadnav, SDE, BSNL RTTC, Pune

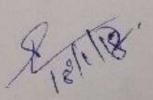
Mr. N.D. Bavaskar, SDE, BSNL RTTC. Pune

Mr. N.R. Bamani, JE, BSNL RTTC, Pune

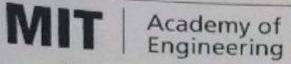
Mr. U.B. Joshi, SDE, BSNL RTTC, Pune

RECEIVED 21.8 JAN 2018









#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity : Workshop

Details : LaTeX

Trigger Point : Requirement from the students in a class interaction

Date : 20th and 21st December 2017 (2 days)

Venue : D011 and A113 (Class Room.)

Level of the Event : Department

Coordinator : Nutan V. Bansode

Attendees : Students (S.Y.BTech(E&TC))

No. of Participants : 43

Resource Faculty : Dr. Sanjay A. Patil, ARAI, Pune

Nutan V. Bansode, MITAGE, Pune

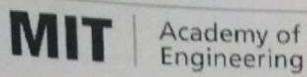
#### Objectives

- To introduce LaTeX as a technical document for repot writing.
- To enhance the academic capabilities of the participants and motivate them to explore applications in various domains for dissertation, theses, books, and other document preparation.

#### Outcomes

- Explore use of LaTex which has been widely adopted throughout industry, academia, and research and for report writing.
- Apply an efficient programming for technical documentation

1 2 JAN ZUIB



#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Seminar

Details

: Application and awareness of advanced controllers in

Industry and projects

Trigger Point

: Requirement from the students in a class interaction

Date

: 16th January 2018

Venue

: A112 (Class Room)

Level of the Event

: Department

Coordinator

: Ashitosh D. Chavan, Mahesh C. Vibhute

Attendees

: Students (TE-E&TC DIV - A & B)

No. of Participants

191

Resource Faculty

: Mr. Prashant Shirpurkar,

Director Logic Power Pvt. Ltd. Pune

#### Objectives

- 4

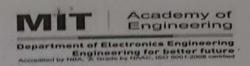
- To get familiar with different advanced controllers used in industries.
- · To understand the applications of advanced PIC controllers in projects
- To know about different internship and training programs offered by Logic Power Pvt. Ltd

RECEIVED

1 6 APR 2010



& ISTATO



Date: 20/1/2018

To The Director, MIT AOE, Alandi (D)

Through: Usha V. Verma, HoD, ETX.

Subject: Industrial Visit for (TE/BE) students of Electronics Engineering

Respected Sir,

This is to inform you that we have organized an industrial visit on tentatively 24/1/2018 for TE/BE students of (ETX) to Katraj Doodh Dairy. We have already sought their permission for the visit through Telephonic Discussion. This would be helpful to our students for attaining knowledge related to Process Automation and project.

Total 55 students would be proceeding for the visit. We will require 2 buses for the same.

Kindly grant the permission.

Thanking You.

Shilpa K. Rudrawar

INDUSTRIAL VISIT ORGANIZER

les for kind approval.

Mrs. Usha Verma

HoD, ETX



# MIT | Academy of Engineering

Alandi (D), Pune - 412105

#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001.2008 Cartified)

#### REPORT

Activity

: Guest Lecture

Details

: Recent trends in Digital Radio Communication

Technologies and its Applications

Trigger Point

: Requirement from the students in a class interaction.

Date

: 29th January 2018

Venue

: A113 (Class Room.)

Level of the Event

: Department

Coordinator

: Nutan V. Bansode

Attendees

: Students (TE-E&TC Div-B)

No. of Participants

: 46

Resource Faculty

: Mr. Vivekanand K. Joshi, Assistant PSI, Wireless Police

station, Pune

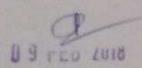
#### Objectives

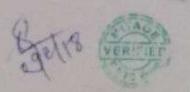
- To introduce students current Electronics technologies & its applications
- To discuss project ideas in communication domain.

#### Outcomes

- Explain fundamentals and applications of radio communication
- . Develop conceptual models for different project ideas and its working

RECEIVED







# MIT Academy of Engineering

Alandi (D), Pune - 412105

#### Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001 2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Introduction to advanced peripherals GPS & GSM

Trigger Point

: Requirement from the students in a class interaction

Date

: 01" February 2018

Venue

: A112 (Class Room)

Level of the Event

: Department

Coordinator

: Ashitosh D. Chavan

Attendees

: Students (TE-E&TC DIV - B)

No. of Participants

: 48

Resource Faculty

: Mr Vishal Dhakne, Senior Embedded Engineer in

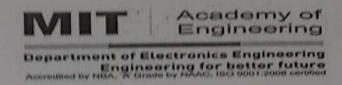
E-Bridge Technologies, Pune

Objectives

- To introduce advanced peripherals used in embedded system development
- To study architecture and registers of ARM?
- To explore the features of GPS and GSM module
- To enhance the academic capabilities of the participants and motivate them to explore applications in various embedded domain

RECEIVED





Date: 20/01/2018

To,
The Director,
MIT AOE,
Alandi (D).

Through: Usha Y. Verma, HoD, ETX.

Subject: Two day workshop for SE/TE/BE students of Electronics Engineering

Respected Madam,

Department of Electronics is planning to organize a workshop on 10/02/2018 and 11/02/2018 tentatively. Mr. Karan Patil, Kaushalya Academy, will be the resource person. This workshop will be for SIZTE/BE (ETX) students on Raspberry Pi, and will be very fruitful.

We have already sought his permission for the same.

We will require a lecture hall with projector.

Please grant the permission to expedite the matter further.

Thanking You.

Mrs. Shilpa K. Rudrawar

FACULTY NAME

Res. Sin For kind approval.

HOD (ETX)

Mrs. Usha Y. Verma



# Academy of Engineering (An Autonomous Institute)

Alandi (D), Pune - 412105

#### Department of E&TC Engg.

Advancing Humanity through Tachnology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity : Workshop on Python Programming

Details : PYTHON for DATA SCIENCE & EMBEDDED BOARDS

Trigger Point : Requirement form Students for Project Work

Date : 12th February 2018 to 16th February (5 day)

Venue : Signal Processing Lab

Level of the Event : Department

Coordinator : Smita S. Kulkarni

Attendees : Students (E&TC )

No. of Participants : 40

Resource Faculty : Mr. Yogeshwar Shukla - Core Programming

Objectives

To provide overview of importance of PYTHON Programming

To implement application using PYTHON Programming

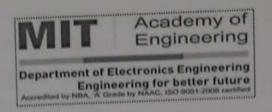
Outcomes

Describe concepts of PYTHON Programming Language

Develop an application software using PYTHON

1 2 APR 2018

8/6/14/18 MARIE



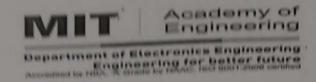
Departments of Electronics Engg.

Date: 22 /02/ 2018

#### Minutes of Alumni meeting

An alumnus meeting of Electronics Engineering department was organized on 17/02/2018 at 5:00PM in A109 Classroom with the following agenda:

- The meeting started with the welcome address of Head of Dept. Mrs. Usha Verma., activities carried out at MITAOE and some achievements of students/staff.
- 2. HOD briefed the gathering with a presentation on the general information about the Department to highlight the following.
  - a) Dept. at a Glance.
  - b) Vision, Mission of Institute and Dept., PEOs and Pos.
  - c) Activities in the Dept.
  - d) T & P activities, higher studies and status.
  - e) Achievements of students and faculty.
  - f) Summary of status of PEOs and POs.
  - g) Feedback on PEOs and POs.
- 3. Feedback from Alumni
  - a) There should be one common portal for all the alumni Suggestions for further improvement in MITAOE
  - b) More interaction with industries
  - c) Students should develop professional skills
  - d) Student should have hands on training and professors should create a healthy environment for them to achieve it.
  - e) Department should take necessary actions to get internships into various companies even if it is only for a month.
- 4. Vote of Thanks



Date: 24/1/2018

To The Director, MIT AOE, Alandi (D)

Through: Usha V. Verma, HoD, ETX.

Subject: Alumni Meet on 17/2/2018.

Respected Madam,

Department of Electronics is planning to organize Alumni meet on 17th Feb 2018. The purpose of meet is to foster a spirit of loyalty and to promote the general welfare of your organization. We are expecting 50 alumni for alumni meet.

Kindly sanction the budget of 6000/- for Tea/breakfast and honorarium x & dinger / heavy snacks. Please grant the permission to expedite the matter further.

Thanking You.

No honorarium will be. provided. we are including dinner for them Forwarded for approval.

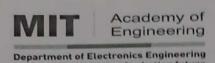
Mrs. Usha Verma

**HOD Electronics** 

Faculty Coordinator

Mrs. S. K. Rudrawar





**MIS Report of Event** 

Industrial Visit

Reference No.: MITAOE/ETX/2017-18/

Date: 24/02/2018

- 1. Name of the Activity / Event: Industrial Visit to Katraj Dhoodh Dairy
- 2. Approval letter No.(\$):

Engineering for better future

- 3. Date & Venue: 8/02/2018 TE and 20/2/18 BE
- 4. Level of the Event: Departmental
- 5. Financial Support: Bus Facility
- 6. Name of the Coordinator: Mrs. Shilpa K. Rudrawar
- 7. Supporting Staff: Mandar Bhalekar, Gajanan Wyavhare
- 8. Organized for: students (BE -ETX)
- 9. Number of participants: \$\mathbb{T} \text{TE}, 35 BE
- 10. Resource Faculty: (Give contact / Acceptance details)
- 11. Reason to conduct the event (Give details of reference of trigger like:

  Feedback from stake holders / Part of eurriculum updation / co curriculum / extra curriculum etc.):
- 12. Benefits / Outcomes: Students gain the knowledge about Automation in any industries and what is the scope of Automation in future.

#### 13. Half page report:

As the main aim of all B.E. Student is to place in the good company with knowledge of Automation at any industry, so 35 student along with faculty of ETX department have visited Pune Zilha Sahakari Dudh Utpadak Sangh Maryadit, popularly known as 'Katraj Dairy' in the local and branded as "Katraj", a district level co-operative organization registered in 1960, involved in processing milk and milk products.

Initially Msr. Gaikwad welcomes all students and Professor and introduces plant and history of 'Katraj Dairy'. They show documentary about all the processes and their products. After that we visited the BOILER plant which required for providing proper temperature in various processes. Mr. Patil N.L who is expertise in Boiler operation give the details and Principle working of fire tube boiler and water tube boiler shown through demonstration and also various mountings and accessories by boiler operator.

Mr. Dube A.N. gives introduction of Refrigeration and chilling plant has shown, in which the ammonia is used as a refrigerant for chilling purpose. After Refrigeration and chilling plant we move to Pasteurization and homogenization of milk plant and Packaging sector of Katraj dairy plant and up to the loading point. Mr. Tanpure explained automation process in packaging section and quality and testing section

Date: 9/02/2018

To, The Director, MIT AOE, Alandi (D).

Through: Usha Y. Verma, HoD, ETX.

Subject: Guest Lecture for BE students of Electronics Engineering

Respected Sir,

Department of Electronics is planning to organize a Guest lecture (3-4 hour) on 23/02/2018 tentatively. Mr. Amit Saxena from Alliance Pvt. Ltd. will be the guest. This guest lecture will be for BE (ETX) students on Advanced Process Automation Techniques, and will be very fruitful to our students for attaining knowledge related to subject Process Automation.

We have already sought his permission for the same. We will require a lecture hall with projector. Kindly sanction the honorarium of Rs. 3500 /-. Please grant the permission to expedite the matter further. Rs. 3000/- Hono varium 500/- Travelling.

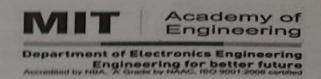
Thanking You.

Mrs. Shilpa K. Rudrawar

FACULTY NAME

Mrs. Usha Y. Verma

HOD (ETX)



Date: 26/02/2018

To,
The Director,
MIT AOE,
Alandi (D).

Through: Usha Y. Verma, HoD, ETX.

Subject: Seminar for S. Y. B. Tech/ TE /BE students of Electronics Engineering in association with ISA (International Society of Automation)

Respected Madam,

Department of Electronics is planning to organize a seminar (3-4 Hour) 21/03/2018 tentatively in association with ISA (International Society of Automation). Mr. Sudhir Matapurkar from Cubix Automation will be the resource person. This seminar will be for S. Y. B. Tech/ TE/BE (ETX) students on Automation and Sensors and hardware demonstration of training kit, which will be very fruitful.

We have already sought his permission for the same.

We will require a lecture hall with projector and Tea, Breakfast, lunch facility for 3 resource persons.

Please grant the permission to expedite the matter further.

Thanking You.

Mrs. Shilpa K. Rudrawar

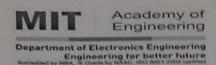
FACULTY NAME

Res. Sir,
No konorasium. The
seady to give fore lecture only
is adjusted. I Doo kind af

Mrs. Usha Y. Verma

HOD (ETX)

-te



#### **MIS Report of Event**

"TechnoPHILIA 2018"

Reference No.: MITAOE/ETX/2017-18/

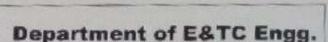
Date: 3/04/2018

- Name of the Activity / Event: "TechnoPHILIA 2018" 2<sup>nd</sup> National technical event on paper presentation and project competition in association with ISA Pune Section.
- 2. Approval letter No.(\$):
- 3. Date & Venue: 30/03/2018
- 4. Level of the Event: National Level
- 5. Financial Support: 16000/- sanctioned for Honorarium and hospitality.
- 6. Name of the Coordinator: Mrs. Shilpa K. Rudrawar
- 7. Supporting co-coordinator: Mrs, Dipti Y. Sakhare, Mr. S.P Shinde
- 8. Organized for: Diploma / UG/PG Students
- 9. Number of participants: 165
- 10. Resource Faculty:
  - > Mr. Ramani Iyer, District Vice President Asia Pacific District 14.
  - Mr. Vinod Joshi, Educational chair of ISA Pune section, heading NPD Forbes Marshall
  - > Mr. Sandeep Shroff, Professional Consultant
  - > Mr. Amit Saxena, Professional Consultant
  - Mr. Anand Iyer TUV Functional Safety Professional, ISA District 14 newsletter Editor
  - Mr. Aloukh Pawar, Co-founder Unix Horizon Business Development LLP
- 11. Reason to conduct the event (Give details of reference of trigger like: extra curriculum etc.): Objective behind this is to provide students an excellent opportunity, platform to showcase talent and untapped potential.
- 12. Benefits / Outcomes: student Interacted and received inputs from the expert panel of judges for further improvement. This encourage aspirant participants to showcase their talent.
- 13. Half page report:



# MIT Academy of Engineering

Alandi (D), Pune - 412105



Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

Workshop

Details

PCB Design

Trigger Point

: Workshop under Vidyudanu - Electronics Hardware Club

Date

: 31st March, 2018

Venue

: Class Room (A 112)

Level of the Event

: College

Coordinator

: Aniket K. Kemalkar

Attendees

. All dept. Students

No. of Participants

: 49

Resource Faculty

: Mr. Roshan Wagh,

Electronics Design Engineer,

Embedded Gallery Electronic Services, Pune.

#### Objectives

- To introduce circuit simulation on Proteus software
- To make microcontroller based PCB on Proteus & Eagle software

#### Outcomes

Make single layer and multilayer PCB

Design microcontroller based PCB





## Academy of Engineering

#### School of Electrical Engg.

UG Program in E&TC Engg.

(ISO 9001:2015 Certified)

#### **REPORT**

Activity : Add-on Course

**Details** : Python Programming

**Trigger Point** : Requirement from the students in a class interaction

**Date** : 6/20/2021 To 7/18/2021

Venue : Online (GotoWebinar Platform)

Level of the Event : Institute

Coordinator : Smita S Kulkarni and Ashitosh D Chavan

**Attendees** : Students

No. of Participants

| Students | 90 |
|----------|----|
| Total    | 90 |

Resource Faculty : Ganesh Attarde, Founder GB Softronics Solutions

: 1: To develop programming skills using the fundamentals and **Objectives** 

basics of python Language

2: To learn data structures and objects supported in Python

3: To acquire knowledge of different libraries in python

4: To understand usage of functions, conditional and looping

statements in Python

5: To learn object oriented programming concepts in Python

#### Outcomes

- : 1: Build a complete understanding of Python from the ground up
  - 2: Develop a basics Python features
  - 3: Understand how to use both the Jupyter Notebook and create .py les
  - 4: Develop a basics knowledge of object oriented programming concepts in Python

#### Topics Discussed

- •Python setup
- Python object and data structure
- Python conditional statements and loops

:

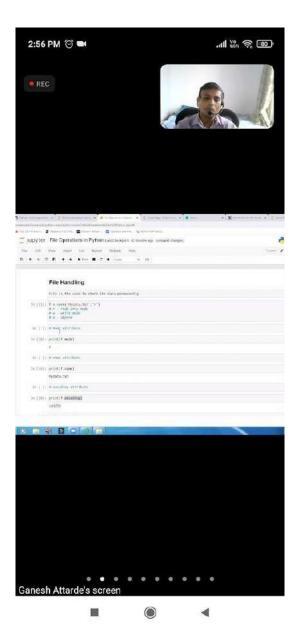
- Python functions, methods
- Python OOP concepts
- Python file and exception handling
- Python in data science

#### Other Remarks

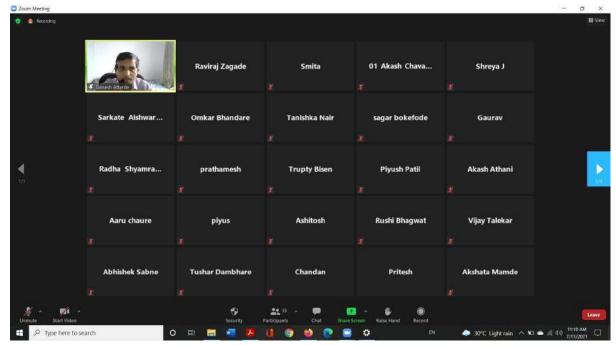
The add-on course had a combination of theory and practical sessions with hands on experience. All the sessions were in complete tune to requirements and practices.

The program was conducted with technical support from GB Softronics Solutions. All the participants appreciated the overall organization and contents of the course.

#### **Photographs**



Resource Faculty



**Student Interaction** 



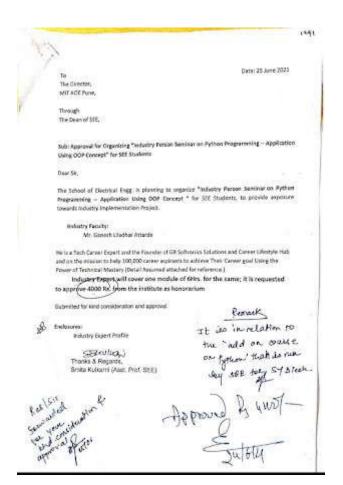
Online GOTOWEBINAR Platform



Smita S Kulkarni and Ashitosh D Chavan

Coordinator

#### **Approval Letter:**



#### **Attendance Sheet:**

| Attend     | lee Report:               | Add-on cou                | rse on Py    | thon programming                 |                    |
|------------|---------------------------|---------------------------|--------------|----------------------------------|--------------------|
| Report     | Generated:                | Clicked Registration Link |              |                                  |                    |
| 07/04/202  | 21 03:12 PM IST           | 581                       |              |                                  |                    |
| ¥ebisar ID | Actual Start<br>Date/Time | Deration                  | # Registered | # Attended                       |                    |
| 50-630-059 | 07/04/202110:54<br>AM IST | 2 hours 18 minutes        | 186          | 63                               |                    |
| Attend     | ee Details                |                           |              |                                  |                    |
| Attended   | Interest Rating           | Last Name                 | First Name   | Email Address                    | Time in Session    |
| Yes        | 88                        | Ajneriya                  | Mohini       | mohiniajneriya8776@gmail.com     | 1hour 55 minutes   |
| Yes        | 87                        | Ambegawe                  | Mayuri       | mayuriambegawe@gmail.com         | 1hour 40 minutes   |
| Yes        | 80                        | Athani                    | Akash        | asathani@mitaoe.ac.in            | 7 minutes          |
| Yes        | 88                        | Bankar                    | Snehankita   | snehankitabankar74@gmail.com     | 1hour 49 minutes   |
| Yes        | 62                        | Bawkar                    | Rushikesh    | rkbawkar@mitaoe.ac.in            | 11 minutes         |
| Yes        | 39                        | Bhangale                  | Lokesh       | ldbhangale@mitaoe.ac.in          | 1hour 20 minutes   |
| Yes        | 89                        | Bhuyekar                  | Rushikesh    | rushikesh.bhuyekar@mitaoe.ac.in  | 2 hours 1 minute   |
| Yes        | 53                        | Champati                  | Indranil     | champatiindranil@gmail.com       | 1hour 44 minutes   |
| Yes        | 94                        | Chandere                  | Gokul        | gpchandere@mitaoe.ac.in          | 2 hours 9 minutes  |
| Yes        | 89                        | Chaure                    | Aarti        | aarti.chaure@mitaoe.ac.in        | 2 hours 10 minutes |
| Yes        | 80                        | Chavan                    | Ashitosh     | adchavan@mitaoe.ac.in            | 3 minutes          |
| Yes        | 89                        | Dani                      | Devashish    | dadani@mitaoe.ac.in              | 1hour 60 minutes   |
| Yes        | 87                        | Deshpande                 | Aditi        | avdeshpande@mitaoe.ac.in         | 1hour 42 minutes   |
| Yes        | 93                        | Dhumal                    | Dnyaneshwar  | drdhumal@mitaoe.ac.in            | 1hour 51 minutes   |
| Yes        | 99                        | GAIDHANE                  | TRIVENI      | tsgaidhane@mitaoe.ac.in          | 2 hours 1 minute   |
| Yes        | 99                        | Gaikwad                   | Vansh        | vansh.gaikwad@mitaoe.ac.in       | 2 hours 11 minutes |
| Yes        | 95                        | Ganganmale                | Mahesh       | msganganmale@mitaoe.ac.in        | 2 hours 11 minutes |
| Yes        | 89                        | Gundre                    | Pallavi      | pallavi.gundre@mitaoe.ac.in      | 2 hours 6 minutes  |
| Yes        | 93                        | Jawane                    | Shreya       | scjawane@mitaoe.ac.in            | 1hour 50 minutes   |
| Yes        | 91                        | Jaybhaye                  | Suraj        | suraj.jaybhaye@mitaoe.ac.in      | 1hour 55 minutes   |
| Yes        | 47                        | Joshi                     | Bhagyesh     | bbjoshi@mitaoe.ac.in             | 55 minutes         |
| Yes        | 76                        | KULKARNI                  | ISHA         | ishasunilkulkarni@gmail.com      | 1hour 60 minutes   |
| Yes        | 85                        | Kadoo                     | Abhijeet     | arkadoo@mitaoe.ac.in             | 1hour 4 minutes    |
| Yes        | 99                        | Karanjkar                 | Rushikesh    | rushikesh.karanjkar@mitaoe.ac.in | 1hour 59 minutes   |
| Yes        | 88                        | Kshirsagar                | Shubham      | sakshirsagar@mitaoe.ac.in        | 1hour 53 minutes   |



## Academy of Engineering

#### School of Electrical Engg.

UG Program in E&TC Engg.

(ISO 9001:2015 Certified)

#### **REPORT**

Activity : One-Day Workshop

**Details** : One-Day Workshop on App Development Using MATLAB

**Trigger Point** : Introduction to MATLAB-Simulink GUI along with the App Designer

tool

Date : 11/19/2021 To 11/19/2021

Venue : Online - Webex

Level of the Event : Institute

Coordinator : Vaishali Katkar. Ashitosh D Chavan

**Attendees** : Students

No. of Participants

| Students | 83 |  |
|----------|----|--|
| Total    | 83 |  |

**Resource Faculty** : Mr. Pranav Lad, Mathworks, Pune

**Objectives** : 1. To introduce different tools in MATLAB-Simulink

2. To explore different resources of MATLAB-Simulink, which are

helpful in projects

3. To study the MATLAB GUI and new features added in the latest

version

4. To explore the programming features of App designer tool in

**MATLAB** 

5. To enhance and motivate the participants to explore and use MATLAB-Simulink tools for projects

**Outcomes** 

: 1. Explain new added features and GUI of an MATLAB

- 2. Build real time demos using App designer and GUI tool
- 3. Build an interactive visualization to present the results

4. Explore the code auto generation tool

Topics Discussed

Introduction and overview of need of MATLAB-Simulink and new

added MATLAB GUI

Explain different new features and tools added in MATLAB like

MATLAB online,

MATLAB Mobile and MATLAB Drive

MATLAB skills required in industry as an design engineer

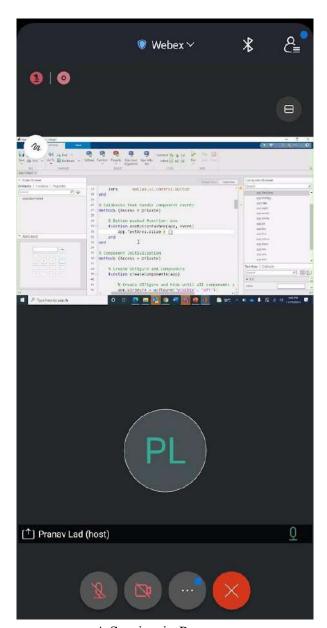
Explains and demonstrate a deployment of MATLAB algorithms on

App using GUI and other tools

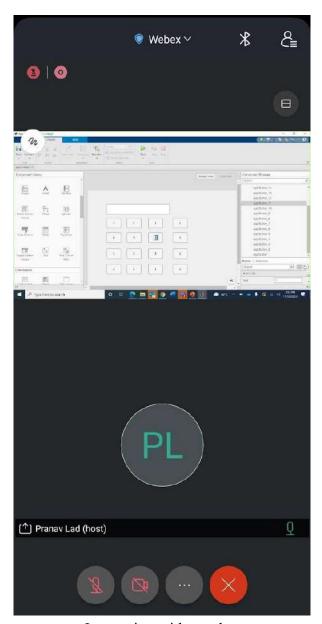
Other Remarks :

The session had a practical component and it's completely tune to the academic requirements. The session was conducted by a Mr. Pranav Lad who has rich experience in the said domain. The entire arranged session has focus on new added features in MATLAB along with the App designing using GUI tool.

#### **Photographs**



A Session in Progress



Interaction with speaker



Vaishali Katkar, Ashitosh D Chavan

Coordinator

## Approval Letter:

| lovember 16, 2021   |   |
|---|---|
| Го,   |   |
| The Dean – School of Electrical Engine                    | eering  |
| Sub. : Approval for, organizing a one day                 | workshop on App Designing Using MATLAB  |
| App Designer  |   |
| Respected Mam,  |   |
| Respected Marri,  |   |
| The School of Electrical Engg. (Department                | of E&TC Engg.) is planning to organize a guest lecture  |
| on App Designing Using MATLAB App De                      | esigner for all SY BTECH students.  |
| MathWorks based out of Pune. The said g 19.11.2021.       | opert Mr. Pranav Lad an Education Success Engineer at<br>guest lecture is proposed to be organized on Saturday. |
| It is kindly requested to approve the proposal Sincerely, | il. Submitted for kind consideration and approval   |
|   |   |
|   |   |
|   |   |
| ol .  |   |
| Vaishali A.Katkar   | ond.  |
| Faculty Coordinator                                       | ox APPetis  |
|   | of Salations  |
|   | ox Approved.  |
| 01  | <b>'</b>  |
| Ashitosh Chavan   |   |
| Faculty Coordinator                                       |   |



# Academy of Engineering

## School of Electrical Engg.

UG Program in E&TC Engg.

(ISO 9001:2015 Certified)

#### **REPORT**

Activity : Workshop

**Details** : Robot Dynamics & Control

**Trigger Point** : requirement from students

**Date** : 3/11/2022 To 3/11/2022

Venue : Signal Processing lab,MITAOE,Alandi(D)

Level of the Event : Institute

Coordinator : Vaishali Katkar, Aniket Gundecha

Attendees : Students of TY BTech

No. of Participants

| Students of TY BTech | 35 |
|----------------------|----|
| Total                | 35 |

Resource Faculty : Pranavlaad Mathworks

**Objectives** : To understand the Dynamic modelling of Robot

To understand the control techniques of Robot

: To explore the dynamic modelling of robot **Outcomes** 

To illustrate the control techniques of robot

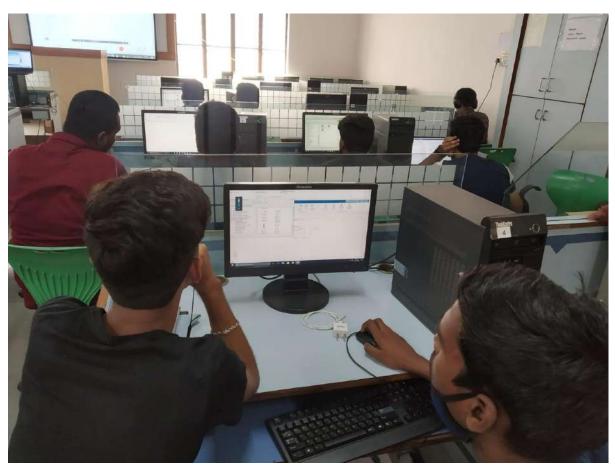
**Topics Discussed** :

Introduction to Robotics, Single link Robot, Double link robot, PID control, DC motor control

Other Remarks :

NIL

## Photographs



Session in Progress



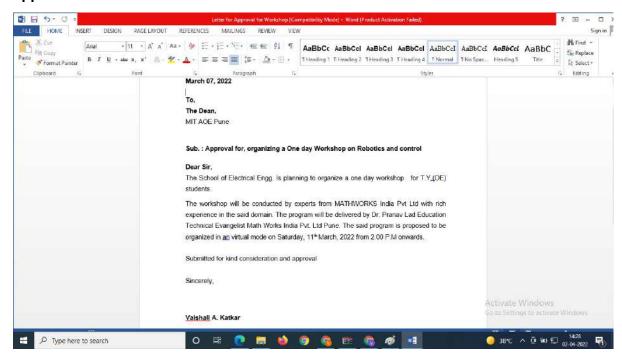
Session in Progress

VAK

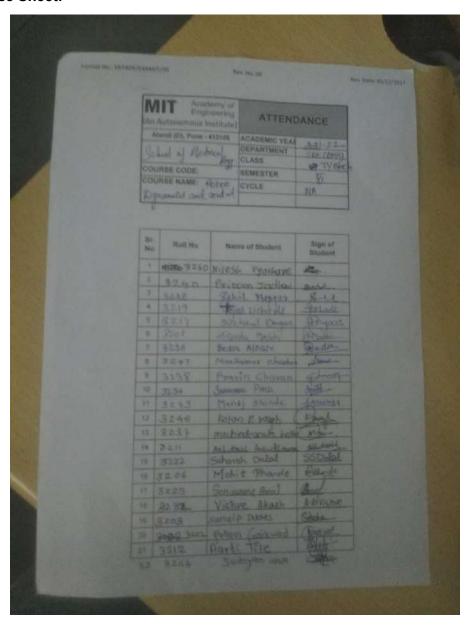
Vaishali Katkar,Aniket Gundecha

Coordinator

#### **Approval Letter:**



#### **Attendance Sheet:**



Alandi (D), Pune - 412 105

#### REPORT

Activity

: Industrial Visit

Details

: Visit to Water Filtration plant

Trigger Point

: Fluid Flow understanding

Date

: 06th March 2018

Venue

: Alandi Pune

Level of Event

: Domestic

Coordinator

: Mr. Sudesh Bajirao Powar

Attendees

: SY Mechanical

No of Participants

:76

Resource persons

: Mr. Ramesh Vahile

Photos(with date and Location): Location- Alandi



Prepared By:

Mr. Sudesh B. Powar

**Assistant Professor Mechanical** 

Mr. N. B. Totala

**HOD Mechanical** 



Alandi (D), Pune - 412 105

#### REPORT

Activity : WorkShop on - "Practical approach to Finite Element analysis"

Details :

We have MoU with Designtech Pune, under which We have invited Mr. Durgaprasad as guest lecturer on subject "Practical approach to Finite Element analysis" in the subject CAE in School of Mechanical and Civil Engineering. He is working as Head Designtech Academy Pimpri Chinchwad Pune He has delivered 2 hrs session on different types of analysis performed in automobile sectors. Further he talked about career in CAE. He showed different case studies and industry Projects. Also He briefs on Internship Provided by Designtech Pune

Trigger Point : Hands on Altair Hyperworks.

Date : 05th March 2019

Venue : H007 MITAOE

Level of Event : Institute Level

Coordinator : Mr. Amit Belvekar

Attendees : Students and Faculties

No of Participants : 35

Resource persons : Mr. DurgaPrasad

## Photos (with date and Location):





Dean SMCE



School of Mechanical and civil engineering

Autonomous Institute Affiliated to Savitribal Phule Pune University)

Alandi (D), Pune - 412105

## REPORT

Activity organized

: Industrial Visit to Vindhyachal Hydro Power Plant

Contact Person

: Mr. Mahendra Manje

Trigger Point

: Actual working of hydro power plant and other accessories

involved in power generating and power transmission system

Date

: 14/04/2019

Venue

: Pune

Level of the Event : INSTITUTE

Coordinator

: S.G. Mushan

Attendees

: BTECH

No. of Participants

: 120

Resource Person, if any :

Objective: To get exposure of how actual hydro power looks, what different components are included and how power generation occurs.

Outcomes: Students came to know about how generated power is transmitted from power generating station to receiver station, students came to know different graphs (like hydro graph, flow graph of water stream) of the plant and other different components working mechanism (like how valves operate, type of valves used, type of turbine used and gate opening mechanism)

#### Topics Discussed: PPE, Turbo Machine

#### **Visit Permission Letter:**



MITAOE/SMCE/04-19/8

Date: 0.1/04/2019

To Director, VHPL. Rajgurunagar, Punc

Sub: Regarding permission for Industrial Visit of MITAOE Alandi Students

Respected Sir.

M IT Academy of Engineering, Alandi, established in 1999, is a part of MAEER's MTI group of institutions We offer seven UG programs and three PG programs in Technology | Cre sur benefited the institute with Academic Autonomy considering the quality of pedagogy research faculty and infrastructure that meets global standards. We encourage students to visit mechanical core industries. Industrial visits helps student to obtain essential industrial exposure

We request you to kindly allow students of MTI Academy of Engineering to you. Vindhyachal Hydro Power Private Limited, Rajgurunagar, Pune

Branch: Mechanical Engineering Student: Forth Year Engineering. Total no. of students: 120

We want to visit for one day only. Hoping for positive response.

Thanking you.

Regards.

Asst. Professor

Dean, SMCF

Mr. S.G Mushan **Faculty** 

DEAN

School of Mechanic Civil Engineering MIT ACT

Aland -

ancering 1111 105



Alandi (D), Pune - 412 105

## REPORT

: Guest Lecture Activity

: Awareness on Higher studies and its preparation for TYBTECH Students Details

: Gate Preparation and awareness on future studies Trigger Point

: 18/09/2018 Date

: MIT Academy of Engineering, Alandi, Pune Venue

: Departmental Level of Event

: Amol J. Asalekar Coordinator

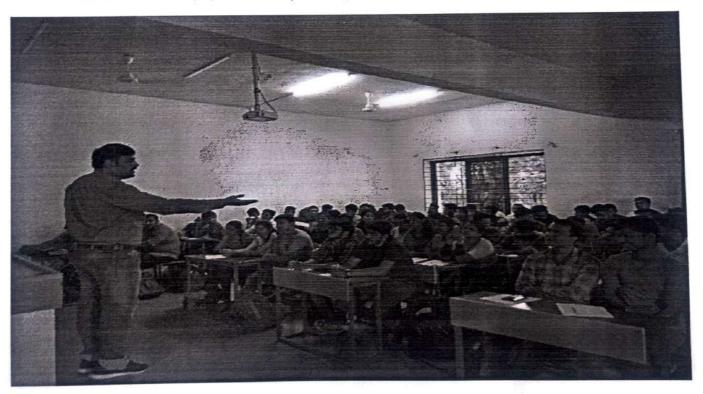
: 75 Attendees

: 75 No of Participants

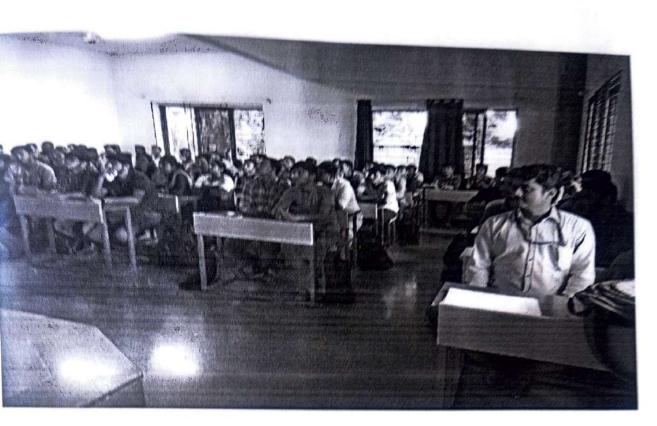
: Mr. Rushi Joshi, Gate Forum, Pune Resource persons



Guest Lecture: Date: 18/09/2018 H010, Department of Mechanical Engineering, MITAOE, Alandi, Pune



Guest Lecture: Date: 18/09/2018 H010, Department of Mechanical Engineering, MITAOE, Alandi, Pune



Guest Lecture: Date: 18/09/2018 H010, Department of Mechanical Engineering, MITAOE, Alandi, Pune



Guest Lecture: Date: 18/09/2018 H010, Department of Mechanical Engineering, MITAOE, Alandi, Pune



Alandi (D), Pune – 412 105

#### REPORT

Activity

: Guest Lecture

Details

: 3D Printing

**Trigger Point** 

: 3D printing - Industrial approach of 3D printing

Date

:18/09/2018

Venue

: H105

**Level of Event** 

:Beginner in 3D printing

Coordinator

: Mr. Amol M. Kolhe

Attendees

: SYBTECH ETX Block B1

No of Participants

:25

Resource persons

:Mr. Salil Rande









Mr. A. M. Kolhe

Mr. P. R. Hatte

Assistant Professor

Dean SMCE SMCE



(An Autonomous Institute Affiliated to Savitribal Phule Pune University)
Accredited by NAAC with "A" Grade

Alandi (D), Pune – 412 105

## Department of Mechanical Engineering

## **REPORT**

Activity

: Industrial visit

Details

: Press Machines

Trigger Point

: Press machine working and its technology

...55

:19/03/2019

Venue

Date

: Hygrade Engineering.

Level of Event

:Beginner

Coordinator

: Mr. Amol M. Kolhe

Attendees

: SYBTECH Mech Block B1, B2

No of Participants

:56

Resource persons

:Mr. Raut





Mr. A. M. Kolhe

Assistant Professor

Mr. P. R. Hatte

Dean SMCE SMCE



#### Alandi (D), Pune – 412 105

#### REPORT

Activity

: Guest Lecture

**Details** 

: Awareness on Higher studies and its preparation for BE Students

**Trigger Point** 

: Overseas Educational Programs

Date

:19/07/2018

Venue

: MIT Academy of Engineering, Alandi, Pune

**Level of Event** 

: Departmental

Coordinator

: Amol J. Asalekar

Attendees

:45

No of Participants

:45

Resource persons

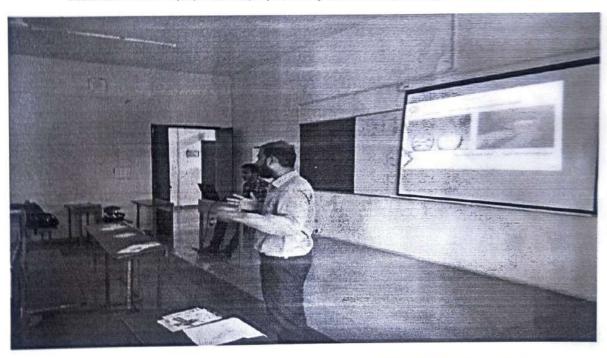
: Mr. Zohed Sayyad, Sr. Consultant- Study Smart, Pune

Photos(with date and Location):

Polite



Guest Lecture: Date: 19/07/2018 H011, Department of Mechanical Engineering, MITAOE, Alandi, Pune



Guest Lecture: Date: 19/07/2018 H011, Department of Mechanical Engineering, MITAOE, Alandi, Pune



#### Alandi (D), Pune - 412 105

#### REPORT

Activity

: Guest Lecture

Details

: 3D Printing

**Trigger Point** 

: Industrial approach of 3D printing

Date

:21st Aug 2018

Venue

: H105

**Level of Event** 

:Beginner

Coordinator

: Mr. Amol M. Kolhe

**Attendees** 

: SYBTECH Mechanical Block B1

No of Participants

:31

Resource persons

:Mr. Salil Rande



Mr. A. M. Kolhe

Assistant Professor

Dean SMCE SMCE



Alandi (D), Pune - 412 105

## REPORT

Activity

: Industrial visit

**Details** 

: Press Machines

Trigger Point

: Press machine working and its technology

Date

:26/02/2019

Venue

: Sky Tech, stamping and assembly.

Level of Event

:Beginner

Coordinator

: Mr. Amol M. Kolhe

Attendees

: SYBTECH Mech Block B1, B2

No of Participants

:66

Resource persons

:Mr. Shinde



Mr. A. M. Kolhe

Assistant Professor

Mr. P. R. Hatte

Dean SMCE SMCE



Alandi (D), Pune - 412 105

## Department of Mechanical Engineering

#### REPORT

Activity

: Guest Lecture

Details

: BIW in industry, Product Design and Launching of Vehicle

Trigger Point

: Industrial approach of BIW, Product design and launching of vehicle

Date

:26/02/2019

Venue

: DN 010

Level of Event

:Beginner

Coordinator

: Mr. Amol M. Kolhe

Attendees

: SYBTECH Mech Block B1, B2

No of Participants

:49

Resource persons

:Mr. Sachin Naik





Mr. A.M. Kolhe

Mr. P. R. Hatte

Assistant Professor

Dean SMCE SMCE



#### Alandi (D), Pune - 412 105

#### REPORT

Activity

: Guest Lecture

**Details** 

: Awareness on Higher studies and its preparation for SY and TY Students

**Trigger Point** 

: Preparation of Higher Studies

Date

:28/03/2019

Venue

: MIT Academy of Engineering, Alandi, Pune

**Level of Event** 

: Departmental

Coordinator

: Amol J. Asalekar

Attendees

:50

No of Participants

:50

Resource persons

: Mr. Sandeep Singh Sr. Manager Gate Forum Pune





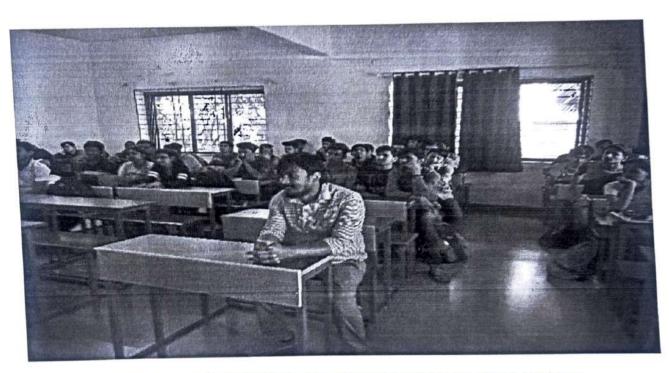
Guest Lecture: Date: 28/03/2019 H010, Department of Mechanical Engineering, MITAOE, Alandi, Pune



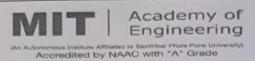
Guest Lecture: Date: 28/03/2019 H010, Department of Mechanical Engineering, MITAOE, Alandi, Pune



Guest Lecture: Date: 28/03/2019 H010, Department of Mechanical Engineering, MITAOE, Alandi, Pune



Guest Lecture: Date: 28/03/2019 H010, Department of Mechanical Engineering, MITAOE, Alandi, Pune



#### Alandi (D), Pune - 412 105

#### REPORT

Activity : - 4 days workshop on "Hands on training on Hyperworks Software"

Details :

DesignTech System Pune has conducted the training program on "Altair-Hyperworks software" for faculties of School of Mechanical and Civil Engineering. Hypermesh software is included in curriculum of TYBtech Minor course Finite Element Analysis under the basket CAE. Hence the training for faculties on mentioned software was very much essential. The training was conducted on 28th January to 31th January 2019. Training consisted of Altair HyperWorks overview, Basic interaction with HyperMesh, Modelling, 2D and 3D meshing with quality check, Optistruct FEA setup. Total 13 faculties have attended the workshop from Mechanical.

Trigger Point : Hands on Altair Hyperworks software to faculties

Date : 28th Jan 2019 to 31st Jan 2019

Venue : H007 MITAOE

Level of Event : Institute Level

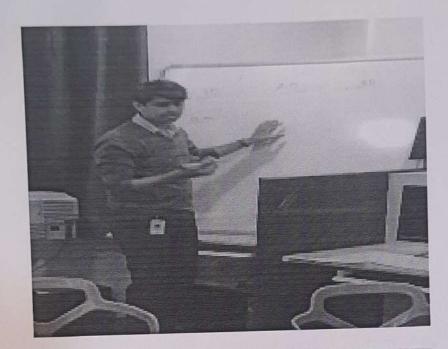
Coordinator : Mr. Amit Belvekar

Attendees : Faculties

No of Participants : 13

Resource persons : - Mr. Vishal Bagthadiya

Photos (with date and Location):





Dean SMCE



Alandi (D), Pune – 412 105

## Department of Mechanical Engineering

#### REPORT

Activity

: Industrial visit

Details

: CNC machines

**Trigger Point** 

: Latest Technologies like CNC, VMC machines

Date

:31/01/2019

Venue

: Talegaokar Profiles Pvt. Ltd.

Level of Event

:Beginner

Coordinator

: Mr. Amol M. Kolhe

Attendees

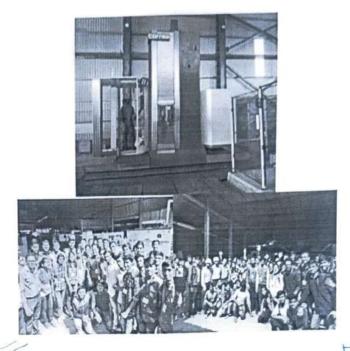
: SYBTECH ETX Block B1

No of Participants

:25

Resource persons

:Mr. Kulkarni

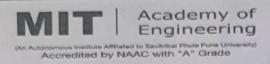


Mr. A.M. Kolhe

Mr. P. R. Hatte

Assistant Professor

Dean SMCE SMCE



Alandi (D), Pune - 412 105

#### REPORT

Activity

: 2 Weeks FDP on "Training on 3D Experience CATIA"

Details

.

CSM Software Bangalore has conducted the training program on "Altair- Hyperworks software" for faculties of School of Mechanical and Civil Engineering. 3D Experience CATIA software is included in curriculum of TY Btech. Practical based on CATIA are included in courses like Geometric Modelling and Design, Prototype, Skills. Hence the training for faculties on mentioned software was very much essential. The training was conducted on 1st July to 5th July 2019.

FDP was inaugurated by Prof. Prafulla Hatte, Dean SMCE on 1st July 2019. Following was the Agenda of the training.

| Date       | Day       | Contents                                      | Resource<br>Person   |
|------------|-----------|---|--|
| 01/07/2019 | Monday    | Introduction to 3D<br>Experience              | Mr. Sheejith P.V Mon  Sr. Application Engineer CSM Bangalore |
| 02/07/2019 | Tuesday   | Sketcher ,Part Design                         |  |
| 03/07/2019 | Wednesday | Assembly Design,<br>Drafting                  |  |
| 04/07/2019 | Thursday  | Surface Design                                |  |
| 05/07/2019 | Friday    | Introduction to PLM,<br>Practice & Conclusion |  |

**Trigger Point** 

: 3D Experience CATIA Training

Date

: 01\* July 2019 to 05th July 2019

Venue

: HOO2 MITAOE

**Level of Event** 

: Institute Level

Coordinator

: Mr. Amit Belvekar

**Attendees** 

: Faculties

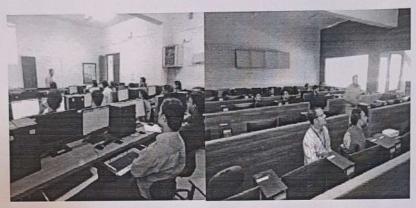
No of Participants

: 20

Resource persons : Mr. Sheejith P.V Mon (Sr. Application Engineer CSM Bangalore)

Photos(with date and Location):





Dean SMCE

| Academy of Engineering (An Autonomous Institute) | Report on Seminar Conduct |               |
|--|---------------------------|---------------|
|  | ACADEMIC YEAR             | 2019-20       |
| Alandi (D), Pune – 412105                        | Submitted By              | Rahul K Patil |
| SCHOOL OF MECH & CIVIL ENGG.                     | Conducted By              | SMCE          |
|  | Date                      | 12/2/2020     |

Title: "Decoding " Digital Acquisition system using Labview Software"

Submiitted By: Mr R K Patil, MITAOE, Alandi, Pune

Date: 11/02/2020 Time: 10.30 am to 12.30 pm

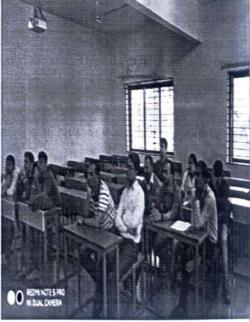
Days: 1 day

Venue, H -010, SMCE, MITAOE, Alandi

I organized this one day industrial sponsored seminar on "Decoding Digital Acquisition system using Labview Software" organized by SMCE Resource persons was Mr Vikas Salve from Trident Technlabs Pvt. Ltd Aundh Pune

This Seminar gave exposure on labview software interface with NI DAQ systems. The motive of the seminar is to make them aware the recent trends of research going on and real time result evaluation through the NI DAQ Systems. The expert gave the detailed explanation about the features and attachment available in NI system and its configuration with the Labview software. Some of the picture have been attached for the same





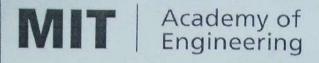


Different console available in the software was discussed and the procedure to obtain the accuracy on real time based was suggested, the Labview Gui was discussed to generate system circuit and simulation in the Graphic user interface environment and its calibration with the NI DAQ system were suggested. This Session was conducted for the faculties and Students so that they may get the idea about the different acquisition system utilized in the industries .

Event Organizer
Mr R K Patil.

Assistant Professor, SMCE

Prof. Praffula Hatte



(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Alandi (D), Pune - 412105

# School of Mechanical and civil engineering

# REPORT

Activity organized/ attended

One Day workshop on "Welding Simulator"

Speaker

Mr. Shamkant Patil

**Trigger Point** 

: Hands on Experience on Simulator

Date

: 30/01/2020

Venue

: Workshop

Level of the Event

: College Level

Coordinator

: Dr. A. G. Kamble

Co-cordinator : Dr. P. S. Kalos

Attendees

: Students

No. of Participants

: 50

Resource Person, if any: Mr. Shamkant Patil

Objective:

To developed the skill in welding.

Outcomes: Students will predict the welding parameters setting for good weld.

Topics Discussed: Hand on experience on welding simulator.

Other Remarks: NIL

Photographs (at least 4 photographs of each session)

Dr. A. d. Konste



Photo1: Coordinaror Dr A.G.Kamble and Co-cordinator Dr. P.S. Kalos with the Guest and Welding Simulator Equipment



Photo 3: Students learning the operations on Welding Simulator

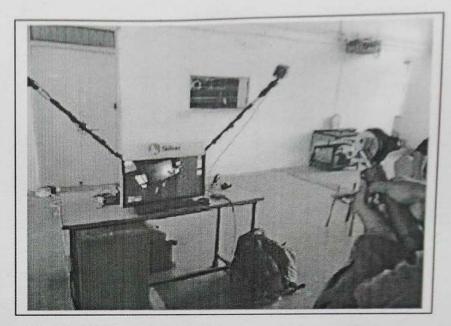


Photo2: Welding Simulator Equipment

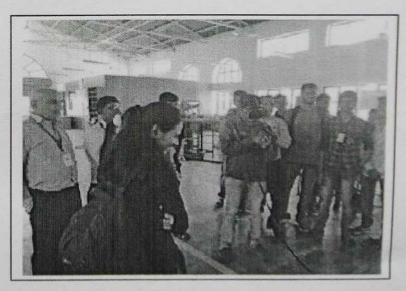
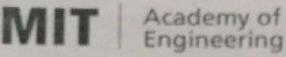


Photo 4: Students Taking Hands on experience on Welding Simulator



# Department of E&TC Engg.

Advancing Humanity through Technology

(Accredited by NSA, ISO 9001:2008 Cartified)

## REPORT

Activity

: Guest Lecture

Details

: Broadband Communication Technologies: An Overview

Trigger Point

: To discuss current latest trends and career opportunities

in the field of telecommunication engineering from Industry

Experts

Date

: 3rd April 2018

Venue

: Class Room (D-305), E&TC Engg. Department

Level of the Event

**Department** 

Coordinator

Sonali A. Bhagwatkar

Attendees

: Students (BE E&TC)

No. of Participants

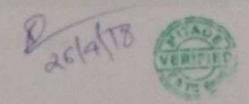
:51

| Students - SE (E&TC)         | 50 |
|------------------------------|----|
| Faculty & Staff - E&TC Engg. | 01 |
| Total                        | 51 |

Resource Faculty: Mr. Raju S. Teli, Field Operations department, Tata Communications Ltd. Dighi, Pune

RECEIVED

2 5 APR 2018





Date: 05/03/2018

To.

The Director,

MIT AOE, Alandi (D).

Through: Mrs. Usha Y. Verma, HoD, Electronics Engg.

Subject: Approval for B.E. Farewell at college lawn/ seminar hall.

Respected Sir,

Department of Electronics is planning to organize B.E. Farewell at college lawns on 6th April

2018 tentatively at 5.30PM.

Kindly sanction the budget of 16,000/- for rophy of best outgoing student and dinner arrangement also permission to use music system at college lawn/seminar hall.

Please grant the permission to expedite the matter further.

Thanking You.

Res. Sir, Forwarded for Kind approval.

Mrs. Usha Y. Verma HoD Electronics Engg. MITAOE, Pune

Mrs. Shilpa K. Rudrawar

B.E. Class Teacher

Department of Electronics Engg.

MITAOE, Pune

# Activity / Event Report

# Department of Electronics Engg

Engineering for a better future Accredited by NBA, ISO 9001:2008 Certified

Reference No.: MITAOE/ETX/2016-17/

Date: 26/07/2017

- 1. Name of the Activity / Event: S.Y.B Tech Orientation Program
- 2. Approval letter No.(\$): -
- 3. Date & Venue: 16/5/17 to 26/5/17
- 4. Level of the Event: Departmental
- 5. Financial Support: Nil (Amount in Rs.):
- 6. Name of the Coordinator: Hitesh Lodha
- 7. Supporting Staff: Savita Pawar, D.D.Jagdale, P.P.Kumbhar, V.T Sawat, G.R. Vyawhare
- 8. Organized for: S.Y. BTech. students:
- 9. Class & Number of participants: S.Y.B.Tech, 40
- 10. Resource Faculty: (Give contact / Acceptance details)

Abhay Awasti, Sandeep Shroff, Anil Bhat, All Internal faculty

11. Reason to conduct the event: To give orientation to student how autonomy is beneficial & different from traditional teaching learning method.

### 12. Benefits / Outcomes:

- To equip the student in Electronic Engineering profession
- To provide information and resources that will allow students to make informed and appropriate academic plans
- To create a joyful environment that builds a sense of community among the incoming class and connects them to faculty, staff and other students.
- To provide a framework for next three years of success through the communication of expectations, project based curriculum through active teaching learning

# Academy of Engineering (An Autonomous Institute)

Alandi (D), Pune - 412105

# School of Electrical Engg.

Department of Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

the

year,

## REPORT

Activity

: Guest Lecture

Details

: 1. Project Guidelines awareness session

Power pack ENTRPRENUERSHIP"

Trigger Point

: To create awareness about Project selection

Date

: July 18, 2018

Venue

: Classroom D-109, Dept. of School of Electrical Engg.

series

Engineering, MITAOE, Alandi

Level of the Event

: Departmental

Coordinator

: Shilpa K. Rudrawar

Attendees

: BE ETX, E&TC Division A, B Students

No. of Participants

: 105

Resource Faculty

: Mr. Aloukh Pawar , Co-founder UNIX Horizon.

# Objectives:

- Awareness about Project selection.
- To have the knowledge about Companies/organization providing sponsored project
- New technology and project idea in same domain.

RECEIVED

"CAFÉ



LesonH.



2/1/10/10

Date: 18/07/2018

To

Dean of SMCE,

MIT AOE, Alandi.

Subject - Approval for the Guest Lecture under skill advisory board.

Respected Sir.

We are inviting following person as guest lecturer in School of Mechanical and Civil Engineering. The person is expertise from his field. Our students and faculties would be benefited by his knowledge and experience.

So, I, request you to give the permission for the same. I have given here his information.

Name of Person -Mr. Zohed Sayyad, Sr. Consultant. - Study Smart, Pune

Topic - "Overseas Educational Programs"

Date - 19/07/2018, Thursday

Time -03.00 pm to 05.00pm

Target Audience-BE Students

Mr. N. B. Totla, Mr. A. J Asalekar,

**Guest Lecture Organiser** 

Mr. P R Hatte

Dean, SMCE

Date: 12/09/2018

To

The Dean,

SMCE.

MIT AOE, Alandi.

## Subject-Approval for the Guest Lecture

Respected Sir,

We are inviting following person as guest lecturer in School of Mechanical and Civil Engineering. The person is expertise from his field. Our students and faculties would be benefited by his knowledge and experience.

So, I, sequest you to give the permission for the same.

Name of Person -Rushi Joshi, GATE FORUM

Topic - "GATE preparation and awareness on future studies"

Date - 18/09/2018, TUESDAY

Time -3.00pm to 5.00pm

Target Audience-TY BTECH Students

Mr. A. J'Asalekar

1111 III S Bliotkavvald

Organiser

Corporate Relation Co-ordinator

Mr. P R Hatte

Dean, SMCE

Date: 26/03/2019

To

Dean of SMCE,

MIT AOE, Alandi.

# Subject- Approval for the Guest Lecture

Respected Sir,

We are inviting following person as guest lecturer in School of Mechanical and Civil Engineering. The person is expertise from his field. Our students and faculties would be benefited by his knowledge and experience.

So, I, request you to give the permission for the same. I have given here his information.

Name of Person - Mr. Sandeep Singh, Sr. Manager, Gate forum, Pune

Topic - "Preparation for Higher Studies"

Date - 28/03/2019, Thursday

Time -01.15 pm to 03.05pm

Target Audience-TYBTECH Students

Mr. R. K Patil

**Guest Lecture Organizer** 

J Asalekar

Mr. M. S. Dholkawala

Corporate Relation Officer

Mr. P R Hatte

Dean, SMCE



Alandi (D), Pune - 412105

# School of Electrical Engg.

Department of Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: APLAB, THANE.

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 21st August 2018 (1 day)

Venue

: APLAB, THANE

Level of the Event

: Department

Coordinator

: Vaishali A. Katkar

Attendees

: Students (B.E. - ETX)

No. of Participants

: 38

| Students –BE (ETX) | 36 |
|--------------------|----|
| Faculties          | 02 |
| Total              | 38 |

Resource Faculty

: Mr. Manoj Prabhakar Dhumne, Manager, APLAB,

#### Objectives

- To interact with industry professionals for the delivery of practical knowledge to students.
- · To study in details manufacturing process of Electronic components like Resistors, capacitors.
- To observe Industry environment and study about Quality Assurance, Safety



Lomb

# School of Electrical Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

**Details** 

: Madhav Capacitors Pvt. Ltd. Bhosri, Pune

**Trigger Point** 

: To make students aware about production about

electronic components

Date

: 24th Aug. 2018 (1 day)

Venue

: Madhav Capacitors Pvt. Ltd. Bhosri, Pune

Level of the Event

: Departmental

Coordinator

: Mr. Amar B. Chavan, Mr. Mandar Bhalekar,

Mrs. M. H. Chavaan, Mr. D. D. Jagdale

Attendees

: Students (T. Y. B. Tech Electronics )

No. of Participants

: 52

| Students – T. Y. B.Tech<br>Electronics | 52 |
|--|----|
| Total                                  | 52 |

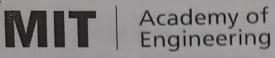
Resource Faculty

: Mr. B. D. Nikam (Director, Madhav Capacitor Pvt. Ltd.,

Bhosri, Pune







# School of Electrical Engg.

Department of E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: To explore industry functioning and Product development

**Trigger Point** 

: To make students aware about industry functioning and

Product manufacturing.

Date

: 25th August 2018 (1 day)

Venue

: Vishay Components, Loni, Pune

Level of the Event

: Department

Coordinator

: Prachi R Rajarapollu

Attendees

: Students (SY BTECH B2 block)

No. of Participants

: 16

Resource Person

: Mr Mahesh kulkarni Sr. Service Engineer, Vishay

components Pune

**Objectives** 

- To interact with industry experts working in manufacturing section
- To get acquainted with industry functioning
- To get knowledge about manufacturing process
- To get exposure towards semiconductor devices manufacturing

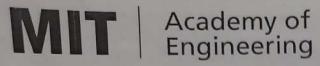
#### Outcomes

- Elaborate functioning of industry
- Explain the basic process in manufacturing semiconductor devices



RECEIVED

28.8.2018



# School of Electrical Engg.

Department of E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: Electrical Power Generation, Distribution & Pricing: In

Indian context

Trigger Point

: Required for updates in Energy sector

Date

: 27<sup>th</sup> August 2018 (1 day)

Venue

: Class Room D011

Level of the Event

: Department

Coordinator

: Satish S. Kabra

Attendees

: Students (FY BTECH-All)

No. of Participants

: 172

Resource Faculty

: Mr. Mr. P. A. Khandare, Deputy Director, Maharashtra

State Regulation Commission, Mumbai-05.

Objectives

2

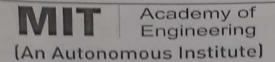
- To understand requirements of various types of consumers and energy pricing methods.
- To provide the platform of future opportunities in energy sector.

#### Outcomes

- · Explain the role of various voltage levels and types of three phase connection
- · Describe various constituents of electrical tariff.

RECEIVED

31/8



# School of Electrical Engg.

Department of Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: Finite State Machine Design

**Trigger Point** 

: To create awareness about VLSI technology and Design

of FSM

Date

: August 27, 2018

Venue

: Classroom A-112, Dept. of School of Electrical Engg.

Engineering, MITAOE, Alandi

Level of the Event

: Departmental

Coordinator

: Shilpa K. Rudrawar

Attendees

: BE E&TC Division A, B Students

No. of Participants

: 83

Resource Faculty

: Dr.R.B. Ghongade, Professor, Bharati Vidyapeeth, Pune.

## Objectives:

- To explore the VLSI design Flow
- To explore the VHDL features.
- · To design FSM for given application.

#### Outcomes:

- Elaborate the features of VHDL.
- Elaborate the VLSI design Flow.
- Step wise designing of FSM for sequence detector circuit & writing VHDL code for same

A (06/849

MIT

Academy of Engineering

Alandi (D), Pune - 412105

School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: Challenges and Opportunities for Telecom Engineer

Trigger Point

: Awareness about Industry expectations

Date

: 28th August 2018

Venue

: Class Room D 011

Level of the Event

: Department

Coordinator

: Sandeep S. Nagre

Attendees

: Students (TY BTECH)

No. of Participants

: 133

| Students – TY BTECH | 133 |
|---------------------|-----|
| Faculty             | 02  |
| Total               | 135 |

Resource Faculty

: Mr. Kapil Bhutani, Technical Consultant, Telcocrasts

Technologies Pvt Ltd. and Pradeep Jaswani, Regional

Head-West TSSC.

**Objectives** 

2

To encourage students to become good telecom Engineer through projects



Sont.

RECEIVED

AR



# School of Electrical Engg.

(Depatrtment of Electronics Engineering)

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: Electronic Product Design

**Trigger Point** 

: Requirement from the students in a class interaction

from the industry expert

Date

: 30th August 2018 (1 day)

Venue

: Class Room A105

Level of the Event

: Department

Coordinator

: Satyajit Pangaonkar

Attendees

: Students (BE - ETX)

No. of Participants

: 39

| Students - BE (ETX) | 39   |
|---------------------|------|
| Total               | (71) |

Resource Faculty

: Mr. Bhushan Pawar, Director, Mugdha Systems, Pune

### Objectives

.

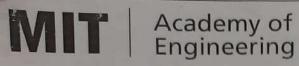
- To introduce Electronic Product Classification as per industrial applications.
- To enhance the understanding of the industry product based reliability specifications.



41.

RECEIVED





# School of Electrical Engg.

Department of E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: Introduction to practical concepts in digital System Design

**Trigger Point** 

: To discuss requirements of project implementation in

digital systems.

Date

: 21st August 2018

Venue

: Class Room (A-112), School of Electrical Engineering

Level of the Event

: Department

Coordinator

: Prachi R. Rajarapollu

Attendees

: Students (SY BTECH - E&TC)

No. of Participants

: 26

Resource Faculty

: Vivekand Joshi, Police Wireless communication section

Pune

## **Objectives**

- To introduce students with practical concepts in project designing
- To discuss projects based on digital systems
- To discuss use of digital systems in wireless communication

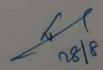
#### Outcomes

- Explain fundamentals and applications digital systems
- Elaborate various applications in digital systems
- Explain use of digital systems in wireless communication and it's applications



RECEIVED

28.8.18



# MIT

# Academy of Engineering

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: Introduction to MSP 430

**Trigger Point** 

: To know Texas Instrument microcontroller.

Date

: Saturday, 1st September, 2018 (1 days)

Venue

: A113

Level of the Event

: Department

Coordinator

: Savita Pawar

Attendees

: Students (TE-ETX)

No. of Participants

: 33

| Students – TE (Electronics) | 33 |  |
|-----------------------------|----|--|
| Total                       | 33 |  |

Resource Faculty

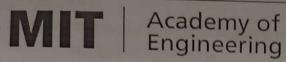
: Mr. Pavan Chopade, Physical Design Engineer, L&T

Technology Services, Pune

RECEIVED

Leont.

DIP



# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity : Technical Competition

Details : 4<sup>th</sup> Mitsubishi Electric Cup 2019: National level

Automation Competition, Theme: "Digital Industry

through Smart Imagination"

Trigger Point : Automation competition

Date : 1<sup>st</sup> September 2018 to 16<sup>th</sup> February 2019

Venue : Mitsubishi Electric, Pvt. Ltd. Bhosari, MIT AOE, Manav

Rachna International Institute of Research And Studies, MREI Aravalli Campus, Sector - 43, Delhi - Surajkund

Road, Faridabad - 121004, (Haryana), India

Level of the Event : National

Coordinator : Savita Pawar, Vaishali Katkar, Gajanan Vyawhare

Attendees : T.Y.BTech, BE Electronics & E&TC students

No. of Participants : 08 students (2 Teams)

Resource Faculty : Mr. Katsunori Ushiku- Managing Director, Mr. Hisahiro

Nishimoto - Director, FAID, Mitsubishi Electric India Private Limited

Dr. Prashant Bhalla- Chancellor, Dr.N.C.Wadhwa - Vice Chancellor, Manav Rachna International Institute of Research And Studies, Faridabad

係記り

RECEIVED

.

<u> 20.7.19</u> 30.7.19



Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: The Giant Meter-wave Radio Telescope

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 7<sup>th</sup> September 2018 (1 day)

Venue

: GMRT, Khodad, Narayangaon, Tal. - Junnar, Dist. - Pune

Level of the Event

: Department

Coordinator

: Kaliprasad A. Mahapatro

Attendees

: Students TY BTECH (ETX) - B1

No. of Participants

: 26

Resource Faculty

: Mr. Swagat Chatarjee

Objectives

- To introduce basic architecture, practical fundamentals, implementation, functionality, and mechanism of antennas.
- To get basic knowledge of radio telescope design, co-design, hardware, software and other components related to radio telescope.

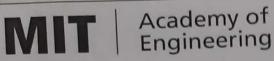
#### Outcomes

- Explain the working principal and control of parabolic reflector antenna.
- Extend frontline research in radio astronomy and astrophysics

RECEIVED



16.11.18



# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Industrial Visit

Details

: The Giant Meter-wave Radio Telescope

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 7<sup>th</sup> September 2018 (1 day)

Venue

: GMRT, Khodad, Narayangaon, Tal. - Junnar, Dist. - Pune

Level of the Event

: Department

Coordinator

: Prashant K. Aher

Attendees

: Students TY BTECH (E&TC) - B3

No. of Participants

: 25

Resource Faculty

: Mr. Swagat Chatarjee

**Objectives** 

- To introduce basic architecture, practical fundamentals, implementation, functionality, and mechanism of antennas.
- To get basic knowledge of radio telescope design, co-design, hardware, software and other components related to radio telescope.

### Outcomes

- -
- Explain the working principal and control of parabolic reflector antenna.
- Extend frontline research in radio astronomy and astrophysics

RECEIVED



61

<u> 23</u>·11·18



Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: The Giant Meter-wave Radio Telescope

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 7<sup>th</sup> September 2018 (1 day)

Venue

: GMRT, Khodad, Narayangaon, Tal. - Junnar, Dist. - Pune

Level of the Event

: Department

Coordinator

: Kaliprasad A. Mahapatro

Attendees

: Students TY BTECH (ETX) - B1

No. of Participants

: 26

Resource Faculty

: Mr. Swagat Chatarjee

Objectives

- To introduce basic architecture, practical fundamentals, implementation, functionality, and mechanism of antennas.
- To get basic knowledge of radio telescope design, co-design, hardware, software and other components related to radio telescope.

#### Outcomes

- Explain the working principal and control of parabolic reflector antenna.
- Extend frontline research in radio astronomy and astrophysics

RECEIVED



16.11.18

# MIT

# Academy of Engineering

Alandi (D), Pune - 412105

## School of Electrical Engg.

Department of Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

### REPORT

Activity

: Guest Lecture

Details

: Photovoltaic System & Power conversion Topology

for Solar converter

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 08th September 2018 (1 day)

Venue

: A106 (class room)

Level of the Event

: Department

Coordinator

: Vaishali A. Katkar

Attendees

: Students (B.E. - ETX)

No. of Participants

: 43

Resource Faculty

: Mr.Sunil Chavan,

Co-founder Sunshine Powertronics PVT.Ltd.

#### **Objectives**

- 2

- To provide the importance, applications and recent trends in Advance Power Electronics
- To create awareness among the students regarding the opportunities in Photovoltaic System



fismt.

RECEIVED

All

# Academy of Engineering (An Autonomous Institute)

Alandi (D), Pune - 412105

# School of Electrical Engg.

Department of Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: Forbes Marshall, Chakan

**Trigger Point** 

: To provide students an insight regarding internal working

of companies.

Date

: Sept 11, 2018

Venue

: Forbes Marshall, Chakan

Level of the Event

: Departmental

Coordinator

: Shilpa K. Rudrawar

Attendees

: BE ETX Students

No. of Participants

: 24

Resource Faculty

: Ananya Sen Learning & Development, Forbes Marshall

Pvt Ltd

### Objectives:

- To go beyond academics,
- To provides student a practical perspective on the world of work.
- To provide students an insight regarding internal working of companies.

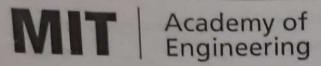
#### Outcomes:

Gained full awareness about industrial practices at Forbes Marshall. RECEIVED

Students understand different process/ things through practically, working

Lesont.

RUP



# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Add on Module

Details

: Drive Test Engineer

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 13<sup>th</sup> to 22<sup>nd</sup> September 2018 (50 Hours)

Venue

: School of Electrical Engineering, MIT AOE, Alandi

Level of the Event

: School

Coordinator

: Sandeep S. Nagre

Attendees

: Students (BE - E&TC & ETX)

No. of Participants

: 26

Resource Faculty

: Maynak Kaushal, RF Engg., Telcocrasts Technology PVT

LTD, Punjab

### Objectives

100

- To provide an exposure to mobile communication network and Hardware Architecture of RTT, GBT.
- To install the equipment as per installation guidelines.
- To provide an exposure of RF Engineer, Derive Test Engineer & BTS installation Engineer
- To introduce mobile communication equipment's and software used for DTE like as BTS, GPS, TEMS and MAPINFO for mobile communication system and explore their features for industrial applications.

  | CELVED | CELVED

VERIFIED

Look!

Alandi (D), Pune - 412105

School of Electrical Engg.

Department of E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: HR INDUSTRY

**Trigger Point** 

: Employed as a practicing engineer in fields such as design, research, development, testing, manufacturing,

operations and service systems.

Date

: 17<sup>th</sup> September 2018

Venue

: SINGHGAD ROAD, NANDED PHATA PUNE -411041,

Level of the Event

: Department

Coordinator

: Smita S. Kulkarni

Attendees

: Students (SY BTECH)

No. of Participants

: 23

Resource Faculty

: Mr. Thorave and Gitesh Bhumkar

#### Objectives

- · To insight regarding internal working of companies.
- To identify prospective areas of work in the overall organizational function

### Outcomes

- Show hands-on experience of how industry operations are executed.
- Develop LED Drivers, LED Modules, Solar Controller
- Judge the gap between theoretical training and practical learning in a real-life environment.



Je south.

18.9.2018

MIT

Academy of Engineering

Alandi (D), Pune - 412105

# School of Electrical Engg.

(Depatrtment of Electronics Engineering)

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: Electronics Industry, Mugdha Systems, Chinchwad, Pune

**Trigger Point** 

: Industry Institute Interactions (identifying Gap )

Date

: 17<sup>th</sup> September 2018 (1 day)

Venue

: Mugdha Systems, Chinchwad, Pune

Level of the Event

: Department

Coordinator

: Satyajit Pangaonkar

Attendees

: Students (S. Y. B.Tech- ETX)

No. of Participants

S. Y. B.Tech- ETX 20
Total 20

Resource Faculty

: Mr. Bhushan Pawar, Director, Mugdha Systems, Pune

Objectives

.

: 20

- To introduce the process of Electronic Industry product development to the students.
- To enhance the understanding of the industry in the System Engineering perspective to the S. Y. B. Tech Students.



41.

RECEIVED

26.9.2018



Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: Challenges and Opportunities for Electronics Engineer

Trigger Point

: Awareness about Industry expectations

Date

: 19th September 2018

Venue

: Class Room D-011

Level of the Event

: Department

Coordinator

: Sandeep S. Nagre

Attendees

: Students (BE E&TC & ETX)

No. of Participants

: 73

Resource Faculty

: Shilpa Gajakosh, HR, Nesting Dreams Network

Objectives

- · To enhance the academic capabilities of the participants and motivate them to explore applications in various domains
- To study industry standards, industry expectation and qualities required in a engineer

#### Outcomes

- Analyze qualities required by an industry from a fresh graduate
- Utilize the potential of your network and explore your concepts
- Build and utilize personal and professional network

Explore untapped potential

RECEIVED



41.

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: GSM Technology

**Trigger Point** 

: Awareness about Industry expectations

Date

: 19th September 2018

Venue

: Class Room A 106

Level of the Event

: Department

Coordinator

: Sandeep S. Nagre

Attendees

: Students (TY BTECH)

No. of Participants

: 28

Resource Faculty

: Mr. Mayank Kaushal, RF Engg., Telcocrasts

Technologies Pvt Ltd.

#### Objectives

- · To introduce wireless equipment, GPS, GSM module etc. for wireless communication system and explore their features for industrial applications.
- To enhance the academic capabilities of the participants and motivate them to explore applications in various domains

#### Outcomes

- Use the features of GPS and GSM for industrial applications.
- Insight into various tele-communication based jobs.

Analyze qualities required by an industry from a fresh graduate

RECEIVED

6 sont.

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture (Alumni Interaction)

Details

: Introduction to ticket booking system and troubleshooting

in networking

Trigger Point

: Requirement from the students in a class interaction

Date

: 20th September 2018

Venue

: Class Room A113

Level of the Event

: Department

Coordinator

: Ashitosh D. Chavan

Attendees

: Students (BE-E&TC DIV - B)

No. of Participants

: 30

Resource Faculty

: Mr. Ravikumar V. Jadhav, Academic Associate in

Avantika University, Ujjain, MP

Objectives

- 5

- To introduce various ticket booking software used in industry
- To study work flow of ticket generation
- · To explore the different fields in networking
- · To enhance the academic capabilities of the participants and motivate them to

explore applications in various communication and networking domain

RECEIVED

all

Alandi (D), Pune - 412105

School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: Training center, R&D Dept. Section V Sat, Police Wireless

Trigger Point

: To get acquaintance of real time radio transmitter

Date

: 21st September 2018 (1 day)

Venue

: Police Wireless, Dr. Homi Bhabha Road, Pune

Level of the Event

: Department

Coordinator

: Nutan V. Bansode

Attendees

: Students (B.E. B Div.)

No. of Participants

: 28

| Students T.E. (Div- B) | 26 |
|------------------------|----|
| Faculty                | 02 |
| Total                  | 28 |

**Faculty Member** 

: Vivek Kamble

Resource Person: 1. Mr. Vivekanand K.Joshi, Asst. Police, Radio Training

2. Mrs. Rashmi Sawant, D.Y.S.P, Wireless Police

## Objectives

To interact with wireless transmission

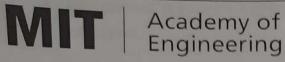
To learn the concept of wireless transmission

RECEIVED

To modernize the existing equipment useful to transmit confidential and secret nformation immediately without delay to destination.

Son /11

SIR 16:11:18



# School of Electrical Engg.

(Depatrtment of Electronics Engineering)

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity : Students De

: Students Development Program

Details

: Advancement in Technical Report Writing using LaTeX

**Trigger Point** 

: Drafting Final Year Seminar & Project Report

Date

: 21st & 24th September 2018 (2 day)

Venue

: Class Room D-305

Level of the Event

: Institute Level

Coordinator

: Satyajit Pangaonkar

Attendees

: Students (BE) & Faculties

No. of Participants

: 18

| Students - BE- All Branches | 16 |
|-----------------------------|----|
| Faculty- Mechanical         | 02 |
| Total                       | 18 |

Resource Faculty

: Mr. Satyajit Pangaonkar, Mrs. V. A. Katkar,

Mrs. Nutan Bansode

#### Objectives

- To introduce the document formatting & editing software.
- To enhance the understanding of the latest techniques of formatting software...

#### Outcomes

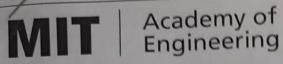
 Ability to develop the hands on practice and preparation of various reports, proposals, case studies, presentations, research papers etc.

RECEIVED



Sont.

26.9·18



# School of Electrical Engg.

Department of E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Social

Details

: Donation to Orphans of Gurjar Samaj Seva Ashram

Trigger point

: As a social initiative

Date

: 24th September 2018

Venue

: Gurjar Samaj Seva Ashram, Alandi.

Level of the Event

: College level

Coordinator

: Satish S. Kabra

Attendees

: SE, TE & BE E&TC students

No. of Participants

: 40

**Objectives** 

- To provide cloths, stationary material to needy students.
- To share God's love with each of them personally.

#### Outcomes

Communicate and discuss issues of orphan students.

#### Other Remarks

Few days before the visit with the help of volunteers, we collected donations for the orphan students. The donation was in the form of Cash. Also Our Deans contributed along with coordinator for needy students. From the generated fund, we have purchased snacks, sweets and also much required books and compass boxes. Most of the students responded and helped us to make this social camp a successful one.

41

# School of Electrical Engg.

Department of Electronics Engg. (Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: Samruddhi Engineering. Bhosri, Pune

**Trigger Point** 

: To make students aware about various Mechatronics

testing instrument.

Date

: 24 Sep. 2018 (1 day)

Venue

: Samruddhi Engineering. Bhosri, Pune

Level of the Event

: Departmental

:22

Coordinator

: Mr. Hitesh R Lodha,

Mr. P. P. Kumbhar

Attendees

: Students(S. Y. B. Tech Electronics )

No. of Participants

| Students – S. Y. B.Tech<br>Electronics | 22 |
|--|----|
| Total                                  | 22 |

**Resource Faculty** 

: Mr. Santosh Shelar (Samruddhi Engineering,

Bhosri, Pune)



RECEIVED

45 on



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Challenges and Opportunities for Telecom Engineer

**Trigger Point** 

: Awareness about Industry expectations

Date

: 27<sup>th</sup> September 2018

Venue

: Class Room A- 112

Level of the Event

: Department

Coordinator

: Sandeep S. Nagre

Attendees

: Students (SY BTECH)

No. of Participants

: 65

Resource Faculty

: Nilesh S. Wankhede, N. D. Bavaskar, U. B. Joshi, SDE,

RTTC, BSNL, Chinchwad

#### **Objectives**

- To introduce about Pandit Deendayal Upadhyay Sanchar Kaushal Vikas Pratishthan Training program
- To enhance the academic capabilities of the participants and motivate them to explore applications in various domains
- To study industry standards, industry expectation and qualities required in a telecom engineer

#### Outcomes

RECEIVED

Identify, locate and execute CPE faults, cable and Connector Faults

MIT

#### Academy of Engineering

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: IoT Privacy & Security

Trigger Point

: Cyber & IoT Security

Date

: 28th September 2018 (1 day)

Venue

: Class Room A113

Level of the Event

: Department

Coordinator

: Mahesh C Vibhute

Attendees

: Students (TYBTECH Group-A)

No. of Participants

: 30

| Students – TYBTECH Group-A | 30 |
|----------------------------|----|
| Total                      | 30 |

Resource Faculty

: Mr. Deepak Kshirsagar, Assistant Professor, COEP, Pune

#### **Objectives**

- To understand importance of security in IoT based applications
- · To know different IoT applications in day to day life.
- To aware different cyber-attacks & its precautions

#### **Outcomes**

.

- · Explain different security issue in IoT applications.
- · Identify IoT applications in different field

RECEIVED



& smit

# MIT

Academy of Engineering

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture by Alumni

Details

: Journey toward world skill

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 28th Sept 2018 (1 day)

Venue

: EDC Lab A201

Level of the Event

: Department

Coordinator

: Hitesh Lodha

Attendees

: Students (S.YBtech)

No. of Participants

: 27

| Students - (S.YBtech) (ETX) | 27 |
|-----------------------------|----|
| Total                       | 27 |

**Resource Faculty** 

Mr.Vibhor Meshram( gold medallist in Wold skill

India (WSI-2016)

#### Objectives

.

- To create awareness various Skill activities from Government of India at National & International level .
- To enhance the academic capabilities of the participants and motivate them to participate in such activities to establish long term association with WSI.

4

RECEIVED

SUP

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: IoT Privacy & Security

**Trigger Point** 

: Cyber & IoT Security

Date

: 28th September 2018 (1 day)

Venue

: Class Room A113

Level of the Event

: Department

Coordinator

: Mahesh C Vibhute

Attendees

: Students (TYBTECH Group-A)

No. of Participants

: 30

| Students – TYBTECH Group-A | 30 |
|----------------------------|----|
| Total                      | 30 |

Resource Faculty

: Mr. Deepak Kshirsagar, Assistant Professor, COEP, Pune

#### **Objectives**

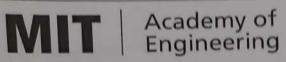
- To understand importance of security in IoT based applications
- To know different IoT applications in day to day life.
- To aware different cyber-attacks & its precautions

#### Outcomes

- Explain different security issue in IoT applications.
- Identify IoT applications in different field



& smit.



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Advancements in Integrated Circuits

**Trigger Point** 

: Industrial Application of Integrated Circuits

Date

: 28th September 2018

Venue

: Class Room (D305), Dept. of E&TC Engineering

Level of the Event

: Department

Coordinator

: Aniket K. Kemalkar

Attendees

: Students (SY BTECH -E&TC)

No. of Participants

: 33

Resource Faculty

: Mr. Jayesh Jain,

Chief Technology Officer (CTO), Robu.in, Pune

#### **Objectives**

- To explore applications of Integrated Circuits
- To understand real time importance of Integrated Circuits

#### Outcomes

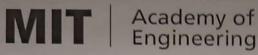
- Implement applications using Integrated Circuits.
- Discuss advanced trends in Integrated Circuits.

VERIT ET

Asmit.

RECEIVED

All



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Industrial Visit

Details

: Thuse Elektronics, MIDC Bhosari

**Trigger Point** 

: Requirement from the students to understand the PCB,

and Electronic components

Date

: 29th Sept. 2018 (1 day)

Venue

: Thuse Electronics, MIDC Bhosari

Level of the Event

: Department

Coordinator

: Mrs. Vinaya S. Tapkir

Attendees

: Students (F.Y. BTech)

No. of Participants

: 60

| Students – FY BTech | 60 |  |
|---------------------|----|--|
| Total               | 60 |  |

Resource Faculty

: Dr. Milind Thuse

#### **Objectives**

- 6

- To introduce electronic components like resistor, inductor, capacitor, transistor, switches.
- To understand the component mounting and PCB manufacturing process.
- To enhance the academic capabilities of the participants and motivate them to learn various PCB mounting techniques.

ACRES TO BE

L'ent.

RECEIVED

DIF

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Industrial Perspectives of Analog Electronics

**Trigger Point** 

: Required for updates in Analog Electronics

Date

: 17th September 2018 (1 day)

Venue

: Class Room A105

Level of the Event

: Department

Coordinator

: Dr.D.Y.Sakhare

Attendees

: Students (SY BTECH-All)

No. of Participants

: 28

Resource Faculty

: Mr. Bhushan Pawar, Founder Mugdha Systems, Pvt. Ltd

**Objectives** 

- To understand the Design concepts used in industry related to Analog Electronics
- To provide the platform of future opportunities in Analog Electronics.

#### Outcomes:

Explain the role of various resistors and capacitors in the circuit design

Design a simple voltage regulator for various applications.

RECEIVED

SHP 16.10.18



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Workshop

Details

: PIC based Industrial Applications Simulation on Proteus

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 1st October 2018 (1 day)

Venue

: Class Room D011

Level of the Event

: School

Coordinator

: Savita R Pawar

**Amit V Nagarale** 

Attendees

: Students (TYBTech- ETX & E&TC)

No. of Participants

: 47

Resource Faculty

: Prof. C. B. Joshi, Microconnect Engineers, Pune

Objectives

- 1. To get familiar with different features of Proteus software
- 2. To understand the applications of PIC controllers in Industries
- 3. To enhance the use of PIC controller through simulation

#### Outcomes

- 1. Describe the features of Proteus Simulation Software
- 2. Employ the industrial applications of PIC controllers through simulations
- 3. Discuss the software and hardware tools used for embedded development



RECEIVED

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Applications of Digital Systems with Processor Architecture

**Trigger Point** 

: Applications of Digital Systems in Wireless police

department

Date

: 03rd Oct 2018

Venue

: Class Room - A112

Level of the Event

: Department

Coordinator

: Rushikesh P Borse

Attendees

: Students (SY BTech - E&TC B4 Block)

No. of Participants

: 51

| Students – SY BTech - E&TC<br>B4 Block | 51 |  |
|--|----|--|
| Total                                  | 51 |  |

Resource Faculty

: Mr. V K Joshi (Wireless Police dept, Pune)

#### **Objectives**

- 3
- To introduce students with practical concepts in project designing
- To discuss projects based on digital systems
- To discuss use of digital systems in wireless communication

RECEIVED

51.15.2018

( sinh

Alandi (D), Pune - 412105

#### School of Electrical Engg.

Department of Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: VLSI Technology

**Trigger Point** 

: To create awareness about VLSI technology and VLSI

Design Flow

Date

: October 6, 2018

Venue

: Classroom A-105, Dept. of School of Electrical Engg.

Engineering, MITAOE, Alandi

Level of the Event

: Departmental

Coordinator

: Shilpa K. Rudrawar

Attendees

: BE ETX Students

No. of Participants

: 43

Resource Faculty

: Shatrughna Ransubhe, SCR Electronics, Pune.

#### Objectives:

- To explore the VLSI design Flow
- To explore the VHDL features.
- To create awareness about the opportunities in the field of VLSI.

#### Outcomes:

- Elaborate the features of VHDL.
- Elaborate the VLSI design Flow.

RECEIVED

Students got information about the opportunities in the field of VLSI.

Lisonte



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Application of Microwave Engg in Industry

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 11th October, 2018(1 day)

Venue

: Class Room A113

Level of the Event

: Department

Coordinator

: Ashish Srivastava

Attendees

: Students (BE - B E&TC)

No. of Participants

: 44

| Students – BE-B(E&TC) | 44 |  |
|-----------------------|----|--|
| Total                 | 44 |  |

Resource Faculty

: B.D.Mane, DGM, Tata Communication (rtd.), Pune

#### Objectives

- To introduce the students with current trends in the field of telecommunication
- To enhance the academic capabilities of the participants and motivate them to explore applications in various domains

#### Outcomes

-

- Identify various applications of the telecommunication industry.
- Describe current equipment being used in telecommunication.

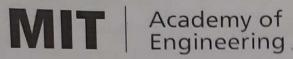
RECEIVED

OIL

29.10.2018



A



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Satellite Mobile Communication

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 11th October 2018(1 day)

Venue

: Class Room A113

Level of the Event

: Department

Coordinator

: Ashish Srivastava

**Attendees** 

: Students (BE -A E&TC)

No. of Participants

: 40

| Students – BE-A(E&TC) | 40 |
|-----------------------|----|
| Total                 | 40 |

Resource Faculty

: B.D.Mane, DGM, Tata Communication, Pune (rtd.)

#### **Objectives**

- To introduce the students with current trends in the field of telecommunication
- To enhance the academic capabilities of the participants and motivate them to explore applications in various domains

#### Outcomes

- 8

- Identify various applications of the satellite mobile communication.
- Describe current equipment being used in mobile commulcation.

VERITER .

A

RECEIVED

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Scope of Embedded Systems in Industrial Automation.

**Trigger Point** 

: Industry 4.0, Interconnection of embedded system and

automation.

Date

: 12th October 2018

Venue

: Class Room (A112), Dept. of E&TC Engineering

Level of the Event

: Department

Coordinator

: Nikhil B. Sardar

Attendees

: Students (BE-E&TC, FY M-TECH)

No. of Participants

: BE-E&TC (53), FY M-TECH (15)

Resource Faculty

: Dr. Ajay V. Deshmukh

Principal, Someshwar Engineering College

Someshwarnagar District. Pune

Objectives

- To explore applications of an embedded systems in the automation.
- To understand role of real time operating systems in an Industrial Automation.

#### Outcomes

- Make use of several RTOS to different hardware platform of automations.
- Discover an insight of design matrices of embedded system to match recent RECEIVED

trends in Technology.



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Add on Module

Details

: Certificate Course on Broadband Technician

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 13th October to 11th December 2018 (2 Weeks)

Venue

: RTTC, BSNL, Pimpri Chinchwad

I evel of the Event

: Department

Coordinator

: Sandeep S. Nagre

Attendees

: Students (SY BTECH)

No. of Participants

: 52

Resource Faculty

: Mr. V. M. Dapurkar, principal, RTTC, Pune N.S. Wankhede, S. M. Thakare, S. A. Jadhav, N. D. Bavaskar,

U. B. Joshi, SDE, RTTC, Pune, N. R. Bamani, JE,

RTTC, Pune

**Objectives** 

To install the equipment as per installation guidelines.

To provide high end equipment handling practical skills and expose to various broadband equipment in terms of their operations and hands-on skill training

Outcomes

RECEIVED

Apply the concept of IP networking in Broadband Communication etc. Classify IP4 and IP6 addressing & gioti.



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Add on Module

Details

: Certificate Course on Broadband Technician

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 13th October to 11th December 2018 (2 Weeks)

Venue

: RTTC, BSNL, Pimpri Chinchwad

Level of the Event

: Department

Coordinator

: Sandeep S. Nagre

**Attendees** 

: Students (SY BTECH)

No. of Participants

: 52

Resource Faculty

: Mr. V. M. Dapurkar, principal, RTTC, Pune N.S. Wankhede, S. M. Thakare, S. A. Jadhav, N. D. Bavaskar, U. B. Joshi, SDE, RTTC, Pune, N. R. Bamani, JE,

RTTC, Pune

**Objectives** 

.

- To install the equipment as per installation guidelines.
- To provide high end equipment handling practical skills and expose to various broadband equipment in terms of their operations and hands-on skill training

Outcomes

RECEIVED

Apply the concept of IP networking in Broadband Communication etc. Classify IP4 and IP6 addressing

Low H.

21.12.2018

### MIT

#### Academy of Engineering

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Swarm Intelligence

**Trigger Point** 

: Required for updates in Artificial Intelligence

Date

: 19th October 2018 (1 day)

Venue

: Robotics Lab D302

Level of the Event

: Department

Coordinator

: Dr.D.Y.Sakhare

Attendees

: Students (SY BTECH-All)

No. of Participants

: 27

Resource Faculty

: Dr.Anand Kulkarni, Associate Professor,

Mechanical Engineering, Symbiosis Institute of Technology, Pune

#### **Objectives**

- To understand the concepts of Swarm Intelligence
- To provide the platform of future opportunities Artificial Intelligence.

#### Outcomes:

- Explain the role of artificial intelligence in real time applications
- Design a Swarm intelligence based Hospital Management System

RECEIVED

DIR

Dept.of



de soit!



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Industrial Visit

Details

: The Giant Meter-wave Radio Telescope

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 26th October 2018 (1 day)

Venue

: GMRT, Khodad, Narayangaon, Tal. - Junnar, Dist. - Pune

Level of the Event

: Department

Coordinator

: Aniket D. Gundecha

Attendees

: Students TY BTECH (E&TC) - B2

No. of Participants

: 28

Resource Faculty

: Mr. Nanaware

**Objectives** 

- To introduce basic architecture, practical fundamentals, implementation, functionality, and mechanism of antennas.
- To get basic knowledge of radio telescope design, co-design, hardware, software and other components related to radio telescope.

#### Outcomes

- Explain the working principal and control of parabolic reflector antenna.
- Extend frontline research in radio astronomy and astrophysics



31.12.18

### MIT

#### Academy of Engineering

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Industrial Visit

Details

: The Giant Meter-wave Radio Telescope

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 26th October 2018 (1 day)

Venue

: GMRT, Khodad, Narayangaon, Tal. - Junnar, Dist. - Pune

Level of the Event

: Department

Coordinator

: Kaliprasad A. Mahapatro

**Attendees** 

: Students TY BTECH (ETX) - B2

No. of Participants

: 26

Resource Faculty

: Mr. Abhay K Bhumkar

**Objectives** 

.

- To introduce basic architecture, practical fundamentals, implementation, functionality, and mechanism of antennas.
- To get basic knowledge of radio telescope design, co-design, hardware, software and other components related to radio telescope.

#### Outcomes

.

- · Explain the working principal and control of parabolic reflector antenna.
- · Extend frontline research in radio astronomy and astrophysics

RECEIVED



Joseph.

16.11.18

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Seminar

Details

: Automation & Robotics

**Trigger Point** 

: To provide a unique opportunity to know the advancement of the industry's research base, through interaction with robotics and automation professionals

Date

: January 24, 2019

Venue

: Seminar Hall, MITAOE, Alandi

Level of the Event

: Departmental

Coordinator

: Shilpa K. Rudrawar

Attendees

: TY , BE ETX & ENTC Students

No. of Participants

: 110

Resource Faculty

: Mr. Rohit Pansare , Sales and Marketing Manager, Mr. Prasad Kulkarni, Vice President – Robotics., Logicon

Technosolutions Pvt. Ltd. Pune.

#### Objectives:

 To impart fundamental understanding of the Robotics and Automation and how to use it in practical situations and motivate the participant to understand the needs of various skills needed to Robotic and Automation applications in real life.



frish . Oil

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Seminar

Details

: Industrial Automation

**Trigger Point** 

: To make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation.

Date

: January 30, 2019

Venue

: Seminar Hall, MITAOE, Alandi

Level of the Event

: Departmental

Coordinator

: Shilpa K. Rudrawar

Attendees

: BE ETX Students

No. of Participants

: 35

Resource Faculty

: Mr. Swanand Marathe, Ms. Mayuri Sapleand Mr. Ashish

Manerikar, Just Engineering Pvt Ltd.

#### Objectives:

 This workshop aims to provide students to gain basic knowledge applications using PLC and SCADA.

good opportunity for the about industrial automation

RECEIVED



dom't sil

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity : Seminar

Details : International Society of Automation (ISA) professional

Society awareness session

Trigger Point : To make the faculties and aspiring engineers aware about

the Professional Society membership and its benefits.

Date : February 7, 2019

Venue : Seminar Hall, MITAOE, Alandi

Level of the Event : Departmental

Coordinator : Shilpa K. Rudrawar

Dr. Dipti Sakhare

Attendees : Students and Faculties

No. of Participants : 32 + 20

Resource Faculty : Mr. Ravi Makhanikar, National Sales & Marketing

Manager at Zenith Technologies (President ISA Pune

section)

#### Objectives:

To make the faculties and aspiring engineers acquainted with the importance and benefits of ISA Professional Society membership.

25 on

all



#### Academy of Engineering

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Industrial Visit

Details

: Industrial Visit to MAPRO Foods Pvt Ltd.

Trigger Point

: Industrial Automation knowledge to students

Organized by

: Rushikesh P Borse with approval from MAPRO

Venue

: MAPRO Foods Pvt Ltd, Wai, Satara, Maharashtra

Date

: 18/02/2019 (One day visit)

Level

: State

Coordinator

: Rushikesh P Borse

Attendees

: Students (TY B.Tech - E&TC)

No. of Participants

: 26

| Students (TY B.Tech - E&TC) | 26 |
|-----------------------------|----|
| Total                       | 26 |

Resource Faculty

: Site Engineer (Mr. Patil gave the field visit)

Objectives

- 3

 To expose students to various units of automation process of fruit juice company.

#### Outcomes

Students gained the various steps of automation including manufacturing (Inspection,
 Washing, Sorting and Pulping, Pasteurizing the fruit, Cold storage, Filling the jars,
 Labelling and packaging

All



Alandi (D), Pune - 412105

#### School of Electrical Engg.

(Department of Electronics Engineering)

(Accredited by NBA, ISO 9001:2008 Certified)

Jan 24, 2019

#### **Project Presentation**

| Topic                   | 1 | Pre- Project Presentation |
|-------------------------|---|---------------------------|
| Date                    | 4 | 20,21,26 Feb. 2019        |
| Time                    | : | 12.30 pm                  |
| Venue                   | : | Class Room D308           |
| Attendees<br>(For whom) | ; | All Students              |

**Organizing Faculty** 

MIT

Academy of Engineering

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Workshop

Details

: Android Application Development

**Trigger Point** 

: Mobile Application Development

Date

: 23/2/2019 &13/4/2019 (1 day)

Venue

: Class Room D011

Level of the Event

: Institute

Coordinator

: Shilpa K. Rudrawar, Prabha S. Kasliwal

Attendees

: Students (FY,SY,TY-ETX,II,COMP,E&TC)

No. of Participants

: 24+35

Resource Faculty

: 1. Mr. Pankaj Choudhary, Asst. Prof. IT department

MITAOE

2. Aditi Soni, Software Engineer, works mainly of software

technologies

#### Objectives

To demonstrate firebase authentication with email, real-time database CRUD
operations by developing application from scratch.

Show how to create and use API with database (mysql/oracle/mssql server etc...)

#### Outcomes

- · Ability to design and develop an android application.
- Insight into various functions of Android studio.

RECEIVED

fomily.

MIT

Academy of Engineering

Alandi (D), Pune - 412105

School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Introduction to Cloud computing and its services

**Trigger Point** 

: Requirement from the students in a class interaction

Date

: 27th February, 2019 (1 day)

Venue

: Class Room A009

Level of the Event

: Department

Coordinator

: Savita Pawar

Attendees

: Students (SY BTech - ETX)

No. of Participants

: 31

| Students – SY Btech (ETX) | 31 |  |
|---------------------------|----|--|
| Total                     | 31 |  |

Resource Faculty

: Mr.Sunil Mahamne, School of Computer & IT, MITAOE

#### **Objectives**

65

- To introduce cloud storage types and real time applications.
- To enhance the academic capabilities of the participants and motivate them to explore applications in various domains

#### Outcomes

Ability to identify cloud type.

- , -----, diodd type.
- Identify Cloud application available.

RECEIVED

30-7

Alandi (D), Pune - 412105

School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

: Selection test-I in the Skill of Mobile Robotics Activity

: Final Selection Process for WSI 2019. Details

: To select team for WSI 2019 to represent India in **Trigger Point** 

the skill of mobile robotics.

: 8 and 9th March 2019 (2 day) Date

Venue : D 301, WSI LAB.

: National. Level of the Event

Coordinator : Shridhar A . Khandekar , V.T. Savant

: Competitors (Winners of India Skill 2018). Attendees

No. of Participants : Two teams ( 04 Competitors ).

Resource Faculty : Mr. Anil Ahere , Director , ESolution PVT Ltd , Pune.

Mr. S. Goudar, Cybage, Former Competitor, WSI 2017. Dr. Mahesh Goudar, Expert, WSI 2015, WSI 2017.

Mr. S.A Khandekar, Expert, WS Aisa 2018..

Objectives

 To evaluate teams performance on basis of WSI test project as a part of first stage of final selection process for WSI 2019.

 To test the design of machine for performing autonomous task and check machines for reliability and consistency.

 To inspect team performance from training point of view so that where they lag can be included as a part of training.

20.4.19



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Guest Lecture

Details

: Power Electronics and Its applications

**Trigger Point** 

: SMPS, AC voltage regulator, Cyclo convertor, HVDC

Transmission system.

Date

: 9th March 2019

Venue

: Class Room A113

Level of the Event

: Department

Coordinator

: Nikhil B Sardar

Attendees

: Students (TE-ETX)

No. of Participants

: 23

Resource Faculty

: Mr. D. Govind (Assistant Prof. VPKBIET Baramati)

#### Objectives

- To introduce the scope of power electronics and its applications.
- To enhance the academic capabilities of the participants and motivate them to explore applications in various domains of power electronics.

#### Outcomes

- Ability to use of different power converters for different applications.
- Analyze applications of power electronics.
- Analyze applications like UPS, electronic ballast, HVDC transmission.

27.3.2019

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Add on Module

Details

: PLC & Automation

Trigger Point

: Introduce students in Automation domain

Date

: 14th March to 11th April 2019 (4 days)

Venue

: ICA Lab (A210)

Level of the Event

: Department

Coordinator

: Savita Pawar

Attendees

: Students (SY BTech - ETX, E&TC)

No. of Participants

: 41

| Students – SY Btech (ETX)  | 19 |
|----------------------------|----|
| Students - SY Btech (E&TC) | 22 |
| Total                      | 41 |

Resource Faculty

: Shilpa Rudrawar, AP, SEE & Swapnil Lithitkar, ME cup 7th

rank winner

#### Objectives

- To learn basic concepts of PLC Mitsubishi, Siemens, Delta
- To learn PLC programming.
- Introduce HMI, SCADA concept.

#### Outcomes

Explain PLC concepts.

RECEIVED

SONL.

#### School of Electrical Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Industrial visit

Details

: A Visit to JVS Electronics Bangalore, Karnataka

**Trigger Point** 

: To Provide the industry exposure to students.

Date

: 21st March 2019

Venue

: JVS Electronics Bangalore, Karnataka

Level of the Event

: Department

Coordinator

: Amar B. Chavan

Attendees

: Students (BE - Electronics and E&TC)

No. of Participants

: 49

| Students – BE - Electronics and E&TC | 49 |
|--------------------------------------|----|
| Total                                | 49 |

Resource Faculty

: Mr. Santosh Cheeran, Project Manager, JVS Electronics

#### Objectives

- 9

 To introduce students about wide range of Electrical relay production those are being used for no. of automated systems and explore their features for industrial applications.

Jeson H.

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Training / Workshop

Details

: Mobile Robotics

**Trigger Point** 

: Requirement for WSI 2019, Kazan, Russia.

Date

: 22<sup>nd</sup> Mar - 25<sup>th</sup> Mar 2019 (4 day)

Venue

: Old Conference hall , Class Room 301 A

Level of the Event

: International

Coordinator

: Shridhar A . Khandekar

Attendees

: Winners of India Skill -2018 and faculty.

No. of Participants

: 10

Resource Faculty

: Mr.Tiago Dociliosantoscaldera, Director, NXT4U , Portugal.

#### Objectives

- To learn and explore Image Processing, Pattern recognition concept using LabView as in WSI 2019 test project, 40% weightage is given to autonomous part where we have to use these techniques.
- To fix strategy for competition and planning about navigation of robots and structural changes in mobile robots to make them more reliable and for making task faster.

#### Outcomes

- Ability to understand limitations of the bot and make structural changes as per requirement for completing task in less amount of time.
- Ability to use LabView Image Processing tools efficiently.
- Ability to design and develop algorithm for pattern recognition.

**Topics Discussed** 

Lont. Al

#### School of Electrical Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Industrial visit

Details

: A Visit to HAL Heritage centre Bangalore, Karnataka

**Trigger Point** 

: To Provide the industry exposure to students.

Date

: 23rd March 2019

Venue

: HAL Heritage centre Bangalore, Karnataka

Level of the Event

: Department

Coordinator

: Amar B. Chavan

**Attendees** 

: Students (BE - Electronics and E&TC)

No. of Participants

: 49

| Students – BE - Electronics and E&TC | 49 |
|--------------------------------------|----|
| Total                                | 49 |

Resource Faculty

: Ms Vasudha , Chief Engineer, HAL

Objectives

 To introduce students about historical advancements in aeronautical engineering and products.

Outcomes

 Ability to understand technical specifications of aeronautical products and specifications.



Demonstration on application of Pneumatics in Robot control

Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Technical Event

**Details** 

: TechnoPHILIA 2019", 3rd National technical event on

paper presentation and project competition in association

with ISA Pune Section.

**Trigger Point** 

: To provide students an excellent opportunity & platform to

showcase their talent develop communication skills and

confidence.

Date

: March 29, 2019

Venue

: Seminar Hall, Power Lab, Electrical, MITAOE, Alandi

Level of the Event

: National Level

convener

: Shilpa K. Rudrawar

Coordinator

: Dr. D.Y.Sakhare, Mrs. Vinaya Tapkir, Mr. Amar

Chavan, Mr. Uday Mithapelli, Mr. D.D. Jagadale

Attendees

: 160+ students from 25 different colleges

No. of Participants

: 160+

#### Resource Faculty:

Judges

Mr. Ravi Maknikar, National Sales and Marketing Manager at Zenith Technologies (president ISA Pune section)

Mr. Vinod Joshi, Educational chair of ISA Pune section, heading NPD Forbes Marshall

Asoit 1814/19 17.4.19



Alandi (D), Pune - 412105

#### School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

#### REPORT

Activity

: Industrial Visit

Details

: SAFAR, Alandi(D), Pune

**Trigger Point** 

: Show weather forecasting hardware setup

Date

: 3rd April, 2019 (1 day)

Venue

: MITAOE campus

Level of the Event

: Department

Coordinator

: Savita Pawar

Attendees

: Students (SY BTech - ETX)

No. of Participants

: 30

| Students – SY Btech (ETX) | 30 |
|---------------------------|----|
| Total                     | 30 |

Resource Faculty : Mr. Atul Gadhave, SAFAR Engineer

#### Objectives

- To learn Data Acquisition system stages.
- To show weather forecasting case study.

#### Outcomes

- Ability to explain data acquisition system stages with example.
- · Can design case study.

RECEIVED

15ml

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Guest Lecture

Details

: Emerging Careers

Trigger Point

: To provide internship opportunities in the field of IOT,

Embedded, Al.

Date

: April 10, 2019

Venue

: D-001, MITAOE, Alandi

Level of the Event

: Inter departmental

Coordinator

: Shilpa K. Rudrawar, Amar Chavan, Shubhangi Kale

Attendees

: TY, SY ETX, ENTC, IT, COMP Students

No. of Participants

: 130+

Resource Faculty

: Mrs. Sejal Mrs Sneha, IOTIOT, BHAU, COEP

# Objectives:

 To have fundamental understanding of internship programs available in core field for students.

# Outcomes:

- Got knowledge about Internship opportunities available in the core filed like embedded, AI, IOT.
- Got knowledge about real time project titles available in the field of IOT, AI, Embedded.

2505H1/9 Of

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Conference

Details

: National Level Under Graduate Conference and Project

Competition on Emerging Trends in Engineering

UGCON-19

Trigger Point

: A platform for BE Students to present a paper and project

Date

: 5<sup>th</sup> April 2019

Venue

: Seminar Hall, EL, PEL, ICL & PL

Level of the Event

: National

Coordinator

: Aniket K. Kemalkar & Swapnil D. Daphal

Attendees

: Final year students

No. of Participants

: 145

Judges

: Mr. Satish Patil, Lead Design Engineer, Cadence Design

Systems, Pune

Mr. Prafulla S. Palaskar, Design Engineer II, Cadence

Design Systems, Pune

Mr. Manoj Autade, Lead Design Engineer, Cadence

Design Systems, Pune

200 My 19 All 17.4.1



Alandi (D), Pune - 412105

# School of Electrical Engg.

u G Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Guest Lecture

Details

: Embedded Systems in Automobile Domain

Trigger Point

: To reveal and venture the proficiency in shaping the

future of Embedded Technology in Automotive field

Date

: April 05, 2019

Venue

: A113 (Class Room)

Level of the Event

: Department

Coordinator

: Bhairavi N. Savant

Attendees

: Students (TY BTECH Group A)

No. of Participants

: 34

Resource Faculty

: Vinayak Mhase, Senior Manager with TATA Motors,

Pune

# Objectives

- To realize the architectural overview of Embedded system
- To explore the features of embedded system in Automobile domain
- To upgrade the user community with the necessary skill sets in embedded field
- To expose to various sensors in Automobiles

1500 P.4.2010 9.4.2010

# An Autonomous Institute)

Alandi (D), Pune - 412105

# School of Electrical Engg-

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Guest Lecture

Details

: Emerging Careers

Trigger Point

: To provide internship opportunities in the field of IOT,

Embedded, Al.

Date

: April 10, 2019

Venue

: D-001, MITAOE, Alandi

Level of the Event

: Inter departmental

Coordinator

: Shilpa K. Rudrawar, Amar Chavan, Shubhangi Kale

Attendees

: TY, SY ETX, ENTC, IT, COMP Students

No. of Participants

: 130+

Resource Faculty

: Mrs. Sejal Mrs Sneha, IOTIOT, BHAU, COEP

### Objectives:

 To have fundamental understanding of internship programs available in core field for students.

### Outcomes:

- Got knowledge about Internship opportunities available in the core filed like embedded, AI, IOT.
- Got knowledge about real time project titles available in the field of IOT, AI, Embedded.

2 000 H/4/19 Off 17.4.10

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

### REPORT

Activity

: Selection test-II in the Skill of Mobile Robotics

Details

: Final Selection Process for WSI 2019.

Trigger Point

: To select team for WSI 2019 to represent India in

the skill of mobile robotics.

Date

: 12 and 13th April 2019 (2 day)

Venue

: D 301, WSI LAB.

Level of the Event

: National.

Coordinator

: Shridhar A. Khandekar, V.T. Savant

Attendees

: Competitors (Winners of India Skill 2018).

No. of Participants

: Two teams (04 Competitors).

Resource Faculty

: Mr. Jaydeep Chougule, Director, Dhruv Automation, Pune. Mr. S. Goudar, Cybage, Former Competitor, WSI 2017. Dr. Mahesh Goudar, Expert, WSI 2015, WSI 2017.

Mr. S.A. Khandekar.

Objectives

- To evaluate teams performance on basis of WSI test project as a part of first stage of final selection process for WSI 2019.
- To test the design of machine for performing autonomous task and check machines for reliability and consistency.
- To inspect team performance from training point of view so that where they lag can be included as a part of training.

asmit '

20.4.19



(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Alandi (D), Pune - 412105

### School of Mechanical and civil engineering

### **REPORT**

Activity organized : Industrial Visit to Vindhyachal Hydro Power Plant

**Contact Person**: Mr. Mahendra Manje

**Trigger Point**: Actual working of hydro power plant and other accessories

involved in power generating and power transmission system

**Date** : 14/04/2019

Venue : Pune

Level of the Event : INSTITUTE

**Coordinator** : S.G. Mushan

Attendees : BTECH

No. of Participants : 120

Resource Person, if any:

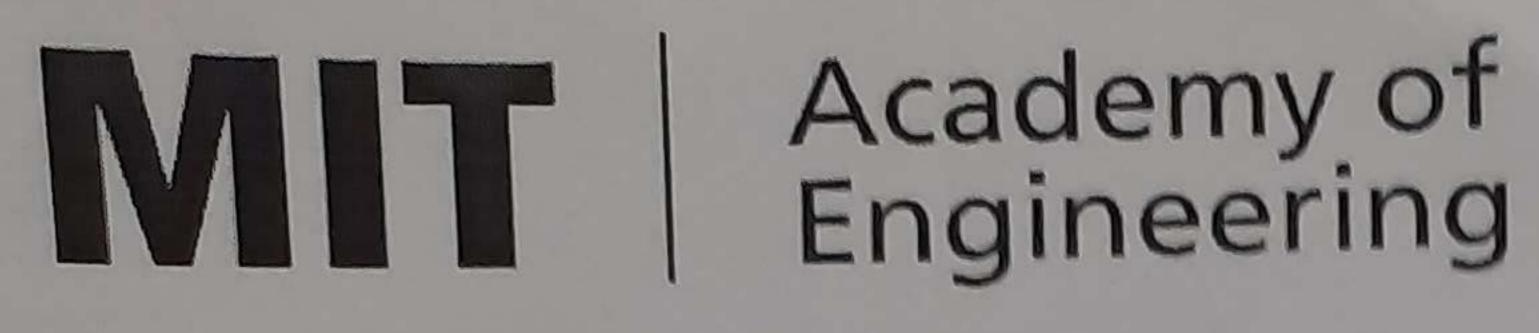
**Objective:** To get exposure of how actual hydro power looks, what different components are included and how power generation occurs.

**Outcomes:** Students came to know about how generated power is transmitted from power generating station to receiver station, students came to know different graphs (like hydro graph, flow graph of water stream) of the plant and other different components working mechanism (like how valves operate, type of valves used, type of turbine used and gate opening mechanism)

Topics Discussed: PPE, Turbo Machine

#### **Visit Permission Letter:**

Accredited by NAAC with "A" Grade MITAOE/SMCE/04-19/8 Date: 03/04/2019 To Director, VHPL. Rajgurunagar, Pune Sub: Regarding permission for Industrial Visit of MITAOE Alandi Students Respected Sir, M IT Academy of Engineering, Alandi, established in 1999, is a part of MAEER's M IT group of institutions. We offer seven UG programs and three PG programs in Technology. UGC has honored the institute with Academic Autonomy considering the quality of pedagogy, research, faculty and infrastructure that meets global standards. We encourage students to visit mechanical core industries. Industrial visits helps student to obtain essential industrial exposure. We request you to kindly allow students of M IT Academy of Engineering to visit Vindhyachal Hydro Power Private Limited, Rajgurunagar, Pune. Branch: Mechanical Engineering Student: Forth Year Engineering. Total no. of students: 120 We want to visit for one day only. Hoping for positive response. Thanking you. Regards, Mr. Sagar G. Mushan Asst. Professor Prof. P. R. Hatte Dean, SMCE



# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Industrial Visit

Details

: One day industrial visit to Mitsubishi Electric India Private

Limited, Bhosari, Pune.

Trigger Point

: Exposure to student to real time applications of Internet of

Things

Date

: 16.04.2019

Venue

: Mitsubishi Electric India Private Limited, Bhosari, Pune.

Level of the Event

: Department

Coordinator

: Mrunalini H. Chavaan

Attendees

: Students (TY ETX)

No. of Participants

Students 30
Total 30

Resource Faculty

: Kishor Shinde, Deputy Manager HRA, Mitsubishi Electric

India Private Limited, Bhosari, Pune.

### Objectives

• To introduce things used in real time world and industries

To understand role of networking protocols used in IoT.

To understand role of Communication protocols used in IoT.

45 sint 3/2 w.

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

### REPORT

Activity

: Guest Lecture by Alumni

Details

: Internship Scope and work skill required in Volkwagen,

Pune, Lecure on 20th August. 2019

Trigger Point

: Requirement from the students in a class interaction

Date

: 20<sup>th</sup> August 2019 (1 day)

Venue

: Class room A-112

Level of the Event

: Department

Coordinator

: Satyajit Pangaonkar

Attendees

: Students (T.Y. B. Tech. E&TC)

No. of Participants

: 35

| Students – (T.Y B Tech)<br>(E&TC)- SEE | 35 |  |
|--|----|--|
| Total                                  | 35 |  |

Resource Faculty

Mr. Zunzar Harer- Sr. Engineer, Supplier Quality

Assurance, Volkswagen, Chakan, Pune)

Objectives

.

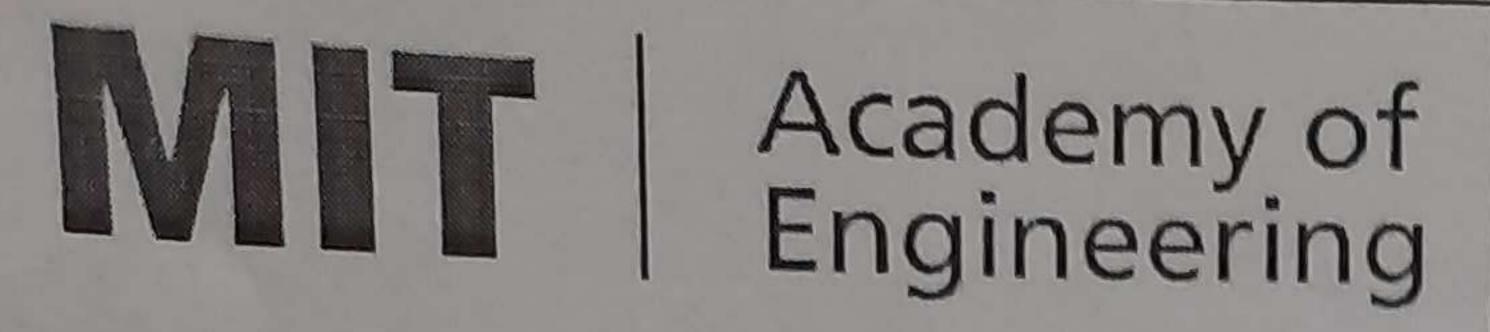
- To create awareness about the industry need at various skill
- To enhance the academic capabilities of the students to acquire the skill and strategies inside an organization with the technical knowledge.
- To make aware of new innovation of EURO6 standard and electric vehicle.



Lesit!

RECEIVED

23.8.19



# School of Electrical Engg.

UG program in Electronics and E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

### REPORT

Activity

: Guest Lecture

Details

: Energy conservation, Act 2001, Energy Audit and Solar

Rooftop Plant

Trigger Point

: Required for updates in Energy sector

Date

: 29<sup>th</sup> August 2019 (1 day)

Venue

: Class Room D011

Level of the Event

: Department

Coordinator

: Satish S. Kabra

Attendees

: Students (FY BTECH-AII)

No. of Participants

: 160

Resource Faculty

: Mr. Pramod Daspute, Faculty of PCRA, Mumbai, Trainer, ENCON, Energy Management Services Pvt. Ltd., and A

class auditors of MEDA, Pune..

Objectives

.

- To understand requirements of various types of consumers and energy pricing methods.
- To provide the platform of future opportunities in energy sector.

### Outcomes

- Explain the Energy Conservation need and its benefits.
- Describe experience of various consumers/ projects.

Lismit!

4.9.2019

Alandi (D), Pune - 412105

School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

· Ability to use the Smir "."

sartament I Antel ing

### REPORT

Activity

: Guest Lecture

Details

: Impedance matching using Smith Chart

Trigger Point

: practical techniques used in industry

Date

: 30<sup>th</sup> August 2019 (1 day)

Venue

: Class Room D308

Level of the Event

: Department

Coordinator

: Vivek Kamble

Attendees

: Students (TE & BE - E&TC)

No. of Participants

: 20

| Total                    |    |  |
|--------------------------|----|--|
| Students – The BE (E&TC) | 20 |  |

Resource Faculty

: Neha Pazare, RFand Antenna Engineering Banglore

### Objectives

.

- To introduce transmission line and Impedance matching using Smith's Chatrt
- To enhance the academic capabilities of the participants and motivate them to explore applications.



2/200 H/10

RECEIVED

### Outcomes

Ability to use the Smith Chart for Impedance Matching

14.10.2019

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

### REPORT

Activity

: Guest Lecture by Alumni

Details

: Internship Scope and work skill required in Volkwagen,

Pune, Lecure on 20th August. 2019

Trigger Point

: Requirement from the students in a class interaction

Date

: 20<sup>th</sup> August 2019 (1 day)

Venue

: Class room A-112

Level of the Event

: Department

Coordinator

: Satyajit Pangaonkar

Attendees

: Students (T.Y. B. Tech. E&TC)

No. of Participants

: 35

| Students – (T.Y B Tech)<br>(E&TC)- SEE | 35 |  |
|--|----|--|
| Total                                  | 35 |  |

Resource Faculty

Mr. Zunzar Harer- Sr. Engineer, Supplier Quality

Assurance, Volkswagen, Chakan, Pune)

Objectives

- To create awareness about the industry need at various skill
- To enhance the academic capabilities of the students to acquire the skill and strategies inside an organization with the technical knowledge.
- To make aware of new innovation of EURO6 standard and electric vehicle.



RECEIVED



Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Guest Lecture

Details

: Introduction to 8051 programming with peripherals

Trigger Point

: Requirement from the students in a class interaction

Date

: 26<sup>th</sup> August 2019

Venue

: Class Room A113

Level of the Event

: Department

Coordinator

: Ashitosh D. Chavan

Attendees

: Students (TY BTECH-E&TC BLOCK 2 & 3)

No. of Participants

: 37

Resource Faculty

: Mr. Sujit M. Wagh, Gyanshil Foundation, Pune

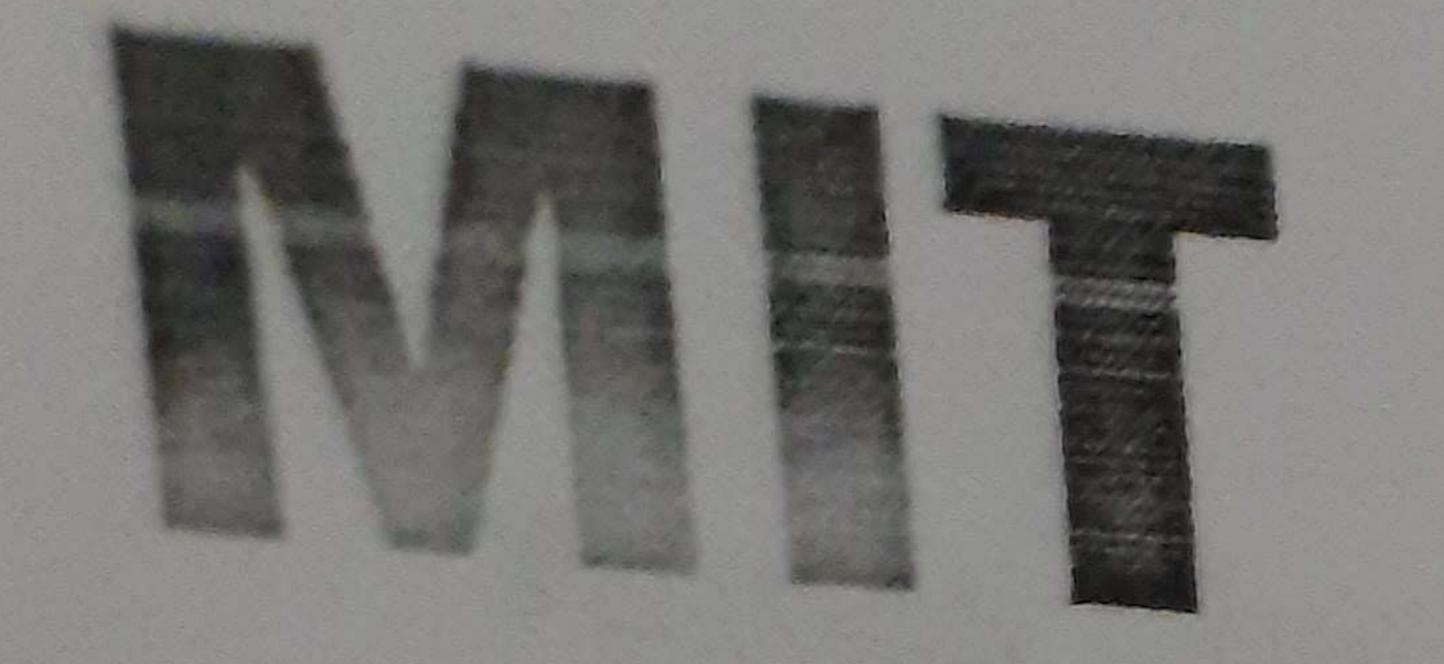
Objectives

.

- To introduce peripherals used in embedded system development
- To study architecture and registers of 8051 in brief
- To explore the programming features of different peripherals with 8051 & PROTEUS
- To enhance the academic capabilities of the participants and motivate them to explore applications in various embedded domain

21 03/9 03/9

<u>AND</u>



Alandi (D), Pune - 412105

School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

Ability to use the smi

·ar'-recliation

# REPORT

Activity

: Guest Lecture

Details

: Impedance matching using Smith Chart

Trigger Point

: practical techniques used in industry

Mata

: 30<sup>th</sup> August 2019 (1 day)

Venue

: Class Room D308

Level of the Event

: Department

Coordinator

: Vivek Kamble

Attendes

: Students (TE & BE - E&TC)

No. of Participants

20

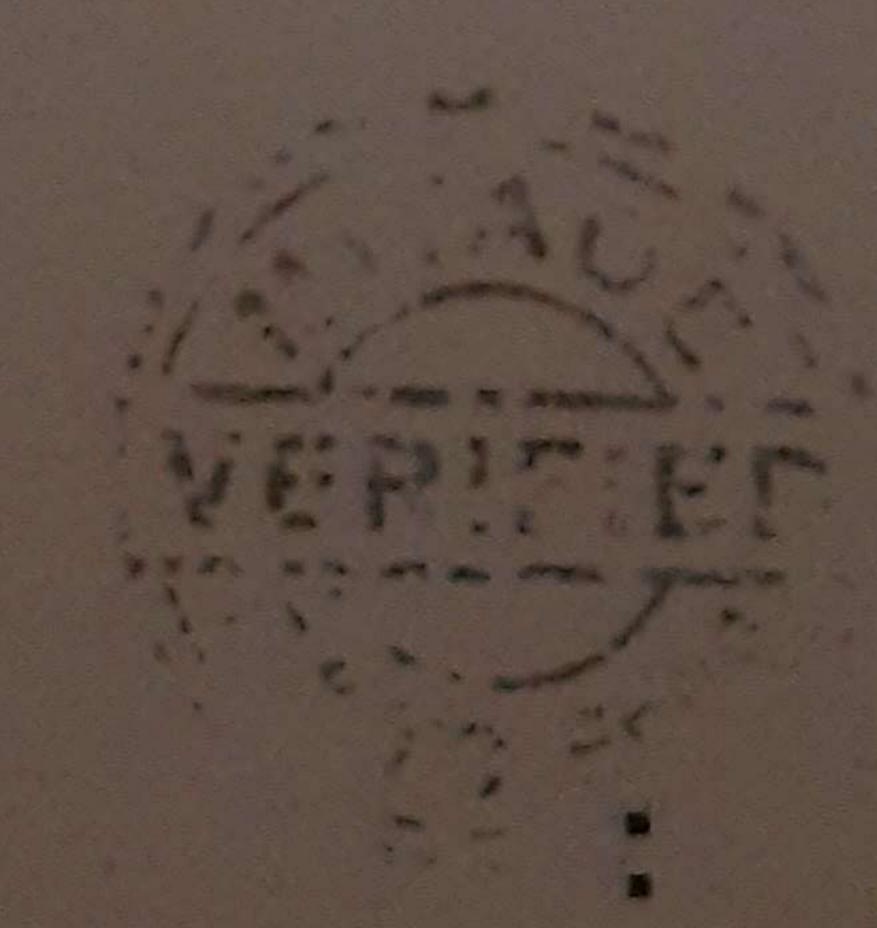
| Students – The BE (E&TC) | 20 |  |
|--------------------------|----|--|
| Total                    | 20 |  |

Resource Faculty

: Neha Pazare, RFand Antenna Engineering Banglore

Objectives

- To introduce transmission line and Impedance matching using Smith's Chatr
- To enhance the academic capabilities of the participants and motivate them to explore applications.



2/200 /10/10

FEG ENVEND

Outcomes

Ability to use the Smith Chart for Impedance Matching

14-10-5-14

# MIT Academy of Engineering (An Autonomous Institute)

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Guest Lecture

Details

: MOSFET Perspectives in VLSI design

Trigger Point

: Use of CMOS technology in VLSI design curriculum

Date

: 3 September 2019

Venue

: D305 MITAOE, Alandi

Level of the Event

: Intercollege

Convenor

: Dr.D.Y.Sakhare

Attendees

: Students of B Tech (ETX and EnTC)

No. of Participants

: 65

Resource Faculty

: Mr.Bhushan Pawar,

Mugdha Systems Pvt.Ltd,Pune

## Objectives:

- To explore the MOSFET structure
- To utilize the features MOSFETs FOR VLSI design

## Outcomes:

- Develop a CMOS based Model for digital VLSI logic
- Verify the VI and transfer characteristics of CMOS

Topics Discussed:

South of 16/9

11.9.2019

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Add on Module

Details

: Drive Test Engineer

Trigger Point

: Requirement from the students in a class interaction

Date

: 13<sup>th</sup> to 22<sup>nd</sup> September 2018 (50 Hours)

Venue

: School of Electrical Engineering, MIT AOE, Alandi

Level of the Event

: School

Coordinator

: Sandeep S. Nagre

Attendees

: Students (BE - E&TC & ETX)

No. of Participants

: 26

Resource Faculty

: Maynak Kaushal, RF Engg., Telcocrasts Technology PVT

LTD, Punjab

### Objectives

:

- To provide an exposure to mobile communication network and Hardware Architecture of RTT, GBT.
- To install the equipment as per installation guidelines.
- To provide an exposure of RF Engineer, Derive Test Engineer & BTS installation Engineer
- To introduce mobile communication equipment's and software used for DTE like as BTS, GPS, TEMS and MAPINFO for mobile communication system and explore their features for industrial applications.



Loid

30.10.2018

# MIT Academy of Engineering (An Autonomous Institute)

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Guest Lecture

Details

: MOSFET Perspectives in VLSI design

Trigger Point

: Use of CMOS technology in VLSI design curriculum

Date

: 3 September 2019

Venue

: D305 MITAOE, Alandi

Level of the Event

: Intercollege

Convenor

: Dr.D.Y.Sakhare

Attendees

: Students of B Tech (ETX and EnTC)

No. of Participants

: 65

Resource Faculty

: Mr.Bhushan Pawar,

Mugdha Systems Pvt.Ltd,Pune

## Objectives:

- To explore the MOSFET structure
- To utilize the features MOSFETs FOR VLSI design

## Outcomes:

- Develop a CMOS based Model for digital VLSI logic
- Verify the VI and transfer characteristics of CMOS

Topics Discussed:

South of 16/9

11.9.2019

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Industrial Visit

Details

: The Giant Meter-wave Radio Telescope

Trigger Point

: Requirement from the students in a class interaction

Date

: 26<sup>th</sup> October 2018 (1 day)

Venue

: GMRT, Khodad, Narayangaon, Tal. - Junnar, Dist. - Pune

Level of the Event

: Department

Coordinator

: Aniket D. Gundecha

Attendees

: Students TY BTECH (E&TC) - B2

No. of Participants

: 28

Resource Faculty

: Mr. Nanaware

Objectives

.

- To introduce basic architecture, practical fundamentals, implementation, functionality, and mechanism of antennas.
- To get basic knowledge of radio telescope design, co-design, hardware, software and other components related to radio telescope.

### Outcomes

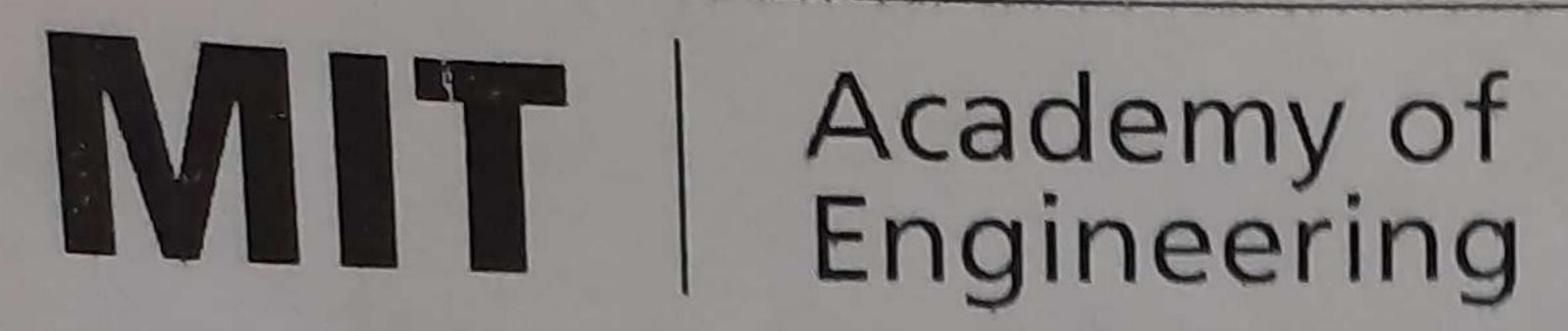
- Explain the working principal and control of parabolic reflector antenna.
- Extend frontline research in radio astronomy and astrophysics



45 mily

BAR

31.12.18



# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Industrial Visit

Details

: The Giant Meter-wave Radio Telescope

Trigger Point

: Requirement from the students in a class interaction

Date

: 18<sup>th</sup> October 2019 (1 day)

Venue

: GMRT, Khodad, Narayangaon, Tal. - Junnar, Dist. - Pune

Level of the Event

: Department

Coordinator

: Ashitosh D. Chavan

Attendees

: Students TY BTECH (E&TC) - B3

No. of Participants

: 26

Resource Faculty

: Mr. Arvind Diwane

Objectives

.

- To introduce basic architecture, practical fundamentals, implementation, functionality, and mechanism of antennas.
- To get basic knowledge of radio telescope design, co-design, hardware, software and other components related to radio telescope.

### Outcomes

- Explain the working principal and control of parabolic reflector antenna.
- Extend frontline research in radio astronomy and astrophysics

RECEIVED



Signal.

18.10.10

Alandi (D), Pune - 412105

# School of Electrical Engg.

UG Program in Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

# REPORT

Activity

: Industrial Visit

Details

: The Giant Meter-wave Radio Telescope

Trigger Point

: Requirement from the students in a class interaction

Date

: 18<sup>th</sup> October 2019 (1 day)

Venue

: GMRT, Khodad, Narayangaon, Tal. - Junnar, Dist. - Pune

Level of the Event

: Department

Coordinator

: Aniket D. Gundecha

Attendees

: Students TY BTECH (E&TC) - B1

No. of Participants

: 25

Resource Faculty

: Mr. Arvind Diwane

Objectives

.

- To introduce basic architecture, practical fundamentals, implementation, functionality, and mechanism of antennas.
- To get basic knowledge of radio telescope design, co-design, hardware, software and other components related to radio telescope.

### Outcomes

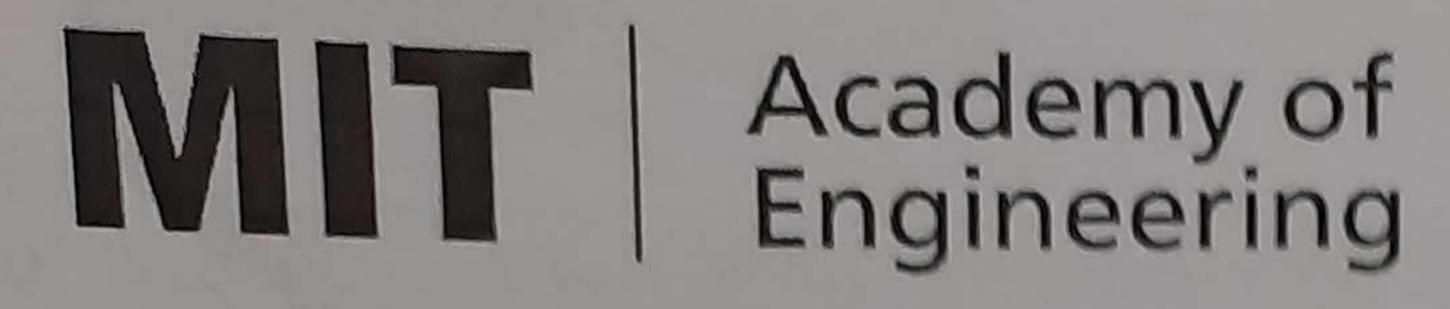
- Explain the working principal and control of parabolic reflector antenna.
- Extend frontline research in radio astronomy and astrophysics

RECEIVED



Sont

18.10.10



# School of Electrical Engg.

UG program in Electronics and E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

## REPORT

Activity

: Industrial Visit

Details

: Energy conversion, Protection and control system at

substation

Trigger Point

: Required for updates in Energy sector & protection system

Date

: 16<sup>th</sup> November 2019 (1 day)

Venue

: 400kV Extra High Voltage Lonikand Substation

Level of the Event

: College

Coordinator

: Satish S. Kabra

Attendees

: Students (FY BTECH-All)

No. of Participants

: 29 and 1 Faculty and 1 Staff

Resource Faculty

: Mr. Yogesh Gajare, Assistant Engineer, Testing Unit Mr. Somnath Sawalkar, Asst. Engineer, Line Maintenance

Miss Aishwarya Kokare, Assistant Engineer, Shift

Maharashtra State Electricity Transmission Co. Ltd.

(MSETCL), Pune.

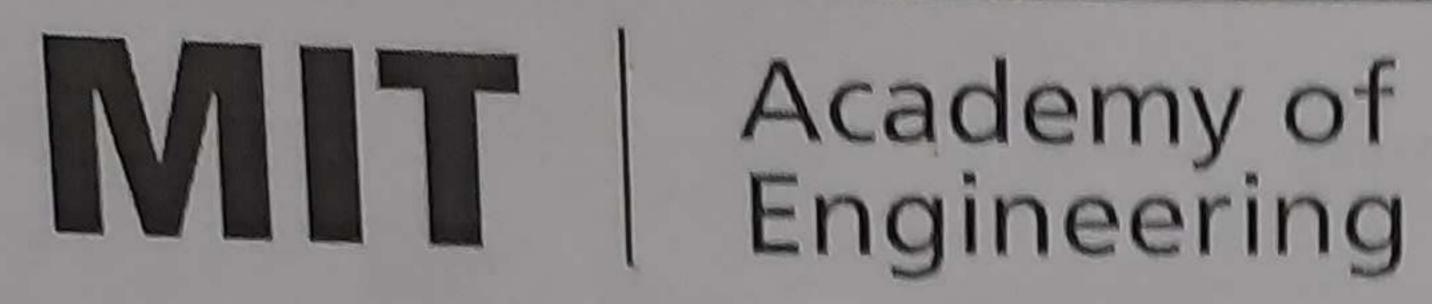
# Objectives

- To understand requirements of various types equipment and role in substation.
- To demonstrate protection, measuring and monitoring system in control room.

### Outcomes

- Explain the role of protection and measuring equipment used.
- Describe SCADA based data monitoring system for complete state.

18.11.19 18.11.19



# School of Electrical Engg.

Advancing Humanity through Technology

(Accredited by NBA, ISO 9001:2008 Certified)

### REPORT

Activity

: Guest Lecture

Details

: Machine Learning

Trigger Point

: Understand Industry Implementation on ML Model

Date

: 8<sup>th</sup> November 2019 (1 day)

Venue

: Class Room D011

Level of the Event

: Department

Coordinator

: Smita S. Kulkarni

Attendees

: Students (BTECH)

No. of Participants

: 44

Resource Faculty

: Pratibha Gogawale form AMDOCS INDIA Private Limited

Objectives

.

- To introduce Ensemble Learning for recommendation system and explore their features for industrial applications.
- To enhance the academic capabilities of the participants and motivate them to explore applications in various domains of Machine Learning

### Outcomes

- Ability to use the Ensemble Learning for industrial applications.
- Ability to design and develop an Bagging approach using Random Forest.
- Insight into various Machine Learning based jobs.

Sont. Al. 11.11.2019



### School of Electrical Engg.

UG program in E&TC, Electronics Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

### **REPORT**

**Activity**: Workshop

Details : Two-Day workshop on LaTeX for Paper and

**Report Writing** 

**Trigger Point**: Learning of Latex and writing thesis using it

**Date** :14-15 Feb, 2020

Venue : D-302

Level of the Event : Institute

Coordinator : Dr Rushikesh P Borse

**Attendees**: MTech ETX, Comp, Mech Students

No. of Participants : 10

Resource Faculty : Dr Rushikesh P Borse

#### **Objectives:**

- To explore different type setting tools
- To utilize the features of LaTeX for writing complex eqns
- To utilize the features of LaTeX for making tables and inserting figures

#### **Outcomes:**

- Write our own M.Tech Thesis in LaTeX
- Compile technical paper using Miktex platform

### **Topics Discussed:**

| Date and Day                            | Slot       | Contents to be uncovered  |
|---|------------|---|
| 14 <sup>th</sup> Feb 2020<br>(Friday)   | Session I  | History of Latex, comparison of MS Word with Latex, Processing of Latex document, different latex classes. Importance of latex in paper, thesis and making ppt.  Basic Latex documents writing: Simple document using latex, Listing, Nesting, Section, Subsection, Two column, Different environments, Verbatim etc  Break |
|   | Session II | Typesetting mathematics: Math Mode, basic algebra, fraction, scripts, differentials. Integration, roots, summation, product, various operators, and accent. Inline eqn, display eqn, equation environment.  |
|   |            |   |
| 15 <sup>th</sup> Feb 2020<br>(Saturday) | Session I  | Typesetting mathematics: Array and matrix environment, symbols etc  Inserting Figures and Table in Documents: Single and double figures. Simple and complex tables.  Bibliography: Itemize bibliography and how to cite references.   |
|   |            | Break   |
|   | Session II | Thesis Report writing: Index Making, Making chapters, index and lists.  Paper Writing: Journal/Conference paper writing, different tex filestyles of various journals/conferences.  |

### Photographs







Rushikesh P Borse

(Event Coordinator)

Dr. Debashis Adhikari

(Dean)



### School of Electrical Engg.

Department of E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

### **REPORT**

**Activity**: Workshop

Details : Workshop on awareness & Applications of Internet of

Things.

Trigger Point : Recent trends in IoT

**Date** : 20<sup>th</sup>Feb 2020 (1day)

Venue : Dept. of E&TC MITAOE Pune

Level of the Event : Inter-college

Coordinator : Mahesh C. Vibhute

Attendees : Students of TY BTECH & Faculty

No. of Participants : 100

Resource Faculty: Dr. Dayaram Sonwane, Associate Professor, COEP,

Chairman IET Pune LN, Fellow IET.

Mr. Deepak Kshrisagar, Assistant Professor, COEP,

Pune, Treasurer IET Pune LN, Fellow IET

Mr. Sachin Patil, Assistant Professor, COEP, Pune,

Mr. Sandeep Shroff, CEO, Autointel services, Pune

### Objectives

- To Engage existing IET student members and full members
- To Know fundamentals of IoT
- To Learn characteristics & applications of IoT

#### Outcomes

- Apply the knowledge of gate way devices for designing IoT applications.
- Aware current trends in IoT.
- Form a community group for discussion on the topic

### **Topics Discussed**

- Fundamentals of IoT
- Architecture of IoT
- Networking protocols used in IoT
- Embedded System & IoT

#### Other Remarks

School of Electrical Engineering in association with IET Pune local network organized one day workshop on "Awarness & Applications of IoT". The said workshop is sponsored by IET Pune LN. The program is delivered by the experts from industry and academicians. The said workshop is organized on 20th February 2020. A token registration fees of Rs.50/- is charged from non IET member's .for IET student members the workshop is free of cost.

### Photographs:





Tubley

Mahesh Vibhute Organizer Lower.



### School of Electrical Engg.

UG Program in E&TC Engg.

(Accredited by NBA, ISO 9001:2008 Certified)

### **REPORT**

**Activity**: One Day Workshop

**Details**: Teaching with MATLAB

Trigger Point : Introduction of new added features in MATLAB

Which are helpful while teaching

Date : 03<sup>rd</sup> March 2020

Venue : Lab A103

Level of the Event : Department

Coordinator : Ashitosh D. Chavan

**Attendees** : SEE Faculties

No. of Participants : 12

**Resource Faculty**: Mr. Pawankumar Fakatkar, Eduction Technical

Evangelist, MathWorks, Pune

Objectives :

- To introduce Teaching with MATLAB concept
- To study the MATLAB GUI and new features added in latest version
- To explore the programming features of different tools in MATLAB
- To enhance and motivate the participants to explore and use MATLAB in subject teaching

#### Outcomes :

- Create assessment to evaluate MATLAB problems with MATLAB Grader
- Build an interactive course materials with Live scripts
- Use MATLAB Online, MATLAB Mobile and MATLAB Drive to move classes to the cloud
- Build real time demos for teaching subjects like Control Systems, Signal Systems
- Deploy MATLAB algorithms on low cost hardware like Arduino
- Explain new added features and GUI of an MATLAB

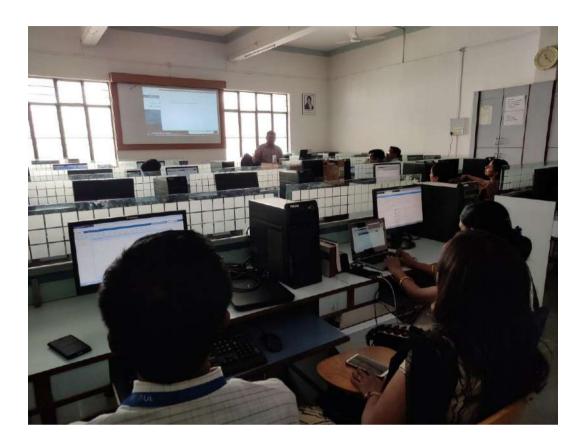
### Topics Discussed

- Introduction and overview of need of MATLAB and new MATLAB GUI
- Explain different new features and tools added in MATLAB like MATLAB online, MATLAB Mobile and MATLAB Drive
- Explains the assessment tools like MATLAB Grader
- Demonstration of interfacing of Add-On hardware like android on MATLAB through Simulink
- MATLAB skills required in industry as an design engineer
- Explains and demonstrate a deployment of MATLAB algorithms on low cost hardware like Arduino, Android phone, Raspberry pi

### Other Remarks

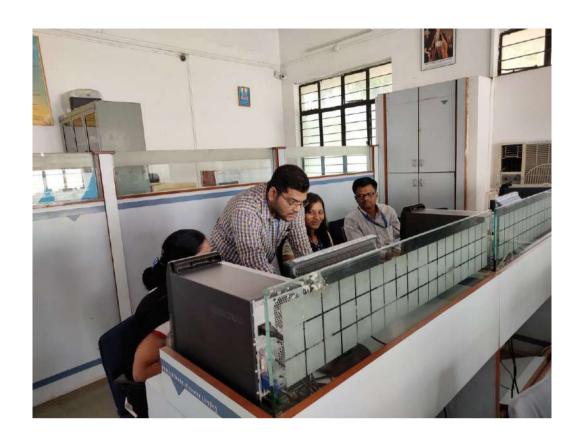
The session had a practical component and it's completely tune to the academic requirements. The session was conducted by a Mr. Pawankumar Fakatkar who has rich industrial, educational and research experience in the said domain. The entire arranged session has focus on new added features in MATLAB which can be used while in teaching subjects.

### Photographs



A Session in Progress







Interaction with speaker



- (A) havem\_

Ashitosh D. Chavan Coordinator

Dr. D. Adhikari Dean, SEE

Assil.



Alandi (D), Pune - 412 105

#### REPORT

Activity

**National Level Webinar** 

**Details** 

Webinar on Intellectual Property Rights Protection through Patent

Date

06/06/2020

Venue

Online

Level of Event

National

Coordinator

**Attendees** 

223

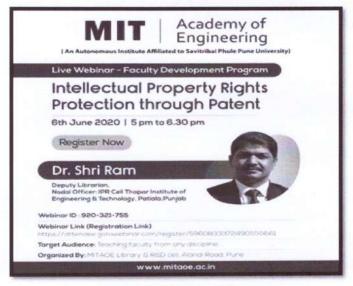
Resource persons

Dr Shri Ram, Nodal Officer, IPR Cell, Thapar Institute of Engineering

and Technology, Patiala, Punjab.

Dr A M Malge, Mrs Vadana Khandelwal

#### Photos(with date and Location):



Date: 06/6/2020, Online.



#### Alandi (D), Pune - 412 105

### REPORT

Dr A M Malge and Mrs Vandan Khandelwal

Activity

.

**Expert Session** 

13/6/2020

**Details** 

.

**Devising Communication Strategy for Organization** 

Date

.

Venue

Online

**Level of Event** 

8

National

Coordinator

200 200 200 200 200

•

Attendees

165

Resource persons

Prof. Shantanu Ganguly

#### Photos(with date and Location):



Date: 13/6/2020, Online.

Dean R&D



#### Alandi (D), Pune - 412 105

### REPORT

Activity : National level Webinar

Details : Research Data Management: Curation, Share, Use and Reuse"

Date : 17/06/2020

Venue : Onine

Level of Event : National

Coordinator : Dr A M Malge and Mrs Vandan Khandelwal

Attendees : 470

Resource persons : Prof. Dr. Ramesh Gaur, Dean and Director, Kala Nidhi Division, IGNCA,

Ministry of Culture, Govt of India, New Delhi

#### Photos(with date and Location):



Date: 17/6/2020, Online.

Dean R&D



#### Alandi (D), Pune - 412 105

### REPORT

Activity

National level Webinar :

**Details** 

Expert Lecture on "Maximizing Visibility and Impact of Research

Output"

Date

:

20/06/2020

**National** 

Venue

**Level of Event** 

Onine

:

Coordinator

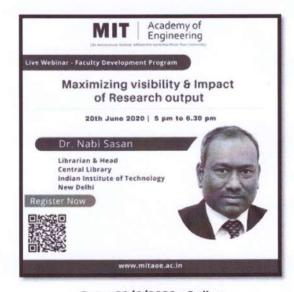
Dr A M Malge and Mrs Vandan Khandelwal

**Attendees** 

Resource persons

Prof. Dr. Nabbi Hasan, IIT Delhi

#### Photos(with date and Location):



Date: 20/6/2020, Online.



Alandi (D), Pune - 412 105

#### REPORT

Activity

.

**National level Webinar** 

**Details** 

:

Expert Lecture on "Publication Ethics and Predatory Journal"

Date

.

Venue

Onine

**Level of Event** 

.

National

Coordinator

23/06/2020

Attendees

474

Resource persons

Prof. Dr. Shubadha Nagarkar, SPPU Pune

Dr A M Malge and Mrs Vandan Khandelwal

Photos(with date and Location):



Date: 20/6/2020, Online.

Dean R&D

## 2021-22

Activity: 1

Organizer : Entrepreneurial Development Foundation, MITAOE

Activity Name : Session on Freelancing For Students

Date of Activity: 9th July, 2021

Number of Participants: 16

Resource Person: Mr. Vinay Khandagale, Student President Ecell MITAOE.

Venue: Virtual

Details About The Program:

The one hour session on 'Freelancing For Student' was conducted by Ecell MITAOE dated on 9th July 2021. This session received great reponces from the students as this session was related to earning some money even you are student.

Mr. Vinay Khandagale shared his experience in freelancing as a student. He also explains about how student can start their freelancing journey from the scratch. His main focus was starting the freelancing at early stage of college life as we have some extra time than in final years which are dedicated for placement. He also pointed out misconception among students, like they have to start only when they fully acquire the skill. But he said one should start with basic and eventually he will upgrade his skills.

Whole session was very much interactive and the session end with addressing the student queries.

Nature of Incubation Operation for Internal Stakeholder

Organizer: Entrepreneurial Development Foundation, MITAOE

Activity Name: Nature of Incubation Operation for Internal Stakeholder

Date of Activity: 09.7.2021

Number Of Participants: 2000 +

Resource Person: Mr. Vijay Talele, CEO- Bhau Incubation Center)

Venue : Virtual

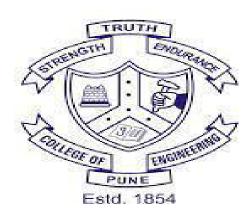
#### **Details About The Program:**

Programe was about Nature of Incubation Operation for internal Stakeholder. Sir explained in detail about internal stakeholders, who are they? How do they help in incubation operations. What is nature of incubation operation. Further he shared general information about nature of Incubation operation.

- 1. Nature of incubation operation and kind of activities involved
- 2. Different types of proposals for Incubation and Startup seed funding.
- **3.** Role of Academic departments in various awareness programs, funding proposals ARIIA Ranking.

This workshop got tremendous response. Students asked many querries about their ideas.





Organizer : Entrepreneurial Development Foundation, MITAOE

Activity Name Promotion of Event

1) Maharashtra Grand Challenge 2) CHUNAUTI 2.0

Date of Activity : 05.8.2021

Number Of Participants: 2000 +

Resource Person : Secretary, MeitY in

Venue : Virtual

Details About The Program:

Maharashtra Grand Challenge

What are startup opportunities available in Maharashtra state

CHUNAUTI 2.0 - Enabling WOMEN Entrepreneurs to Co-Author the Innovation Growth Story of India

STPI through CHUNAUTI 2.0 is looking to identifyand support promising startups with a special focus on women-led start-ups working on innovative technology products & solutions in focus sectors like Education, Healthcare & Wellness, Financed, SaaS, E-commerce, Agriculture and Environment, and give them access tonetworks, connects, learning and resources that are needed to build scalable, profitable and global businesses.

In this session it was discussed about what is eligibility criteria, Key focus areas financial incentives and funding support

Students were informed about upcoming events

- 1. Schedule of Events
- 2. Brief of the NGIS & CHUNAUTI 2.0

As it was communicated to the students from 2019 onwards, and it had a unique opportunity for with Women Entrepreneurs.

There was tremendous response

Organizer : Entrepreneurial Development Foundation, MITAOE

Activity Name: How to make your personal brand and build your network

through LinkedIn.(Sessions)

Date of Activity: 12th August, 2021

Number Of Participants: 14

Resource Person: Mr. Vinay Khandagale, Student President Ecell MITAOE.

Venue: Virtual

Details About The Program:

LinkedIn is an online platform that connects the world's professionals which is widely populer in professionals as well as in students field. World wide most people are using it. To help students and professionals to use LinkedIn efficiently, Ecell MITAOE organized an hour long session on 'How to make persona brand and build network through LinkedIn'.

The session received positive response from the community. Mr. Vinay Khandagale discussed various topics on building a personal brand through LinkedIn Platform. He also discussed not only about how to make connections but also how to make interactive and profitable connections through LinkedIn.

This session was interactive as the audience also shared their precious experiences with LinkedIn.

Organizer: : Entrepreneurial Development Foundation, MITAOE

Activity Name : Promotion of MSME CERTIFICATION COURSE

ON INDUSTRIAL ROBOTICS,

"MACHINE LEARNING WITH PYTHON (BASIC TRAINING)"

Date of Activity : 19.8.2021

Number of Participants: 2000 +

Resource Person : Prof. Tukaram Sonawane, CEO – EDF MITAOE

Venue : Virtual

#### **Details About The Program:**

Since it was promotion of Certification course, Students were addressed about importance and usefulness of the Machine Learning with Python – Basic Training. MSME (Govt. undertaking) has also introduced Certification course on Industrial Robotics. Sir shared valuable information of this certification course, which would be beneficiary for the students in their entrepreneurial journey.

MSME Technology Development Centre (Process & Product Development Centre), Agra is organizing online programme on "Industrial Robotics"

It was highly responded by the students as in current era many students want to be expert in Machine learning as added qualification.



# FLCTD LOW CARBON ACCELERATOR PROGRAM, Webinar Series at Maharashtra Startup Week 2021, Start-up Accelerator of MeitY for Product Innovation Development and Growth (SAMRIDH) programme

Organizer: : Entrepreneurial Development Foundation, MITAOE

Date of Activity : 26.8.2021

Number Of Participants: 2000 +

Resource Person: Prof. Tukaram Sonawane, CEO – EDF MITAOE

Venue : : Virtual

Details About The Program:

Promotional Massage shared with All stakeholder regarding FLCTD LOW CARBON ACCELERATOR PROGRAM, Webinar Series at Maharashtra Startup Week 2021,

The FLCTD Low Carbon Technology Accelerator offers business capacity building to start-ups developing innovative solutions that can reduce energy usage and dependence on fossil fuels leading to a reduction in greenhouse gas emissions.

Promotional message shared with all stakeholders about Start-up Accelerator of MeitY for Product Innovation Development and Growth (SAMRIDH) programme

Govt launches SAMRIDH scheme to help startups in their initial phase. ... SAMRIDH will create a **conducive platform for Indian software product startups** to enhance their products and secure investments for scaling their business. The programme is being implemented by MeitY Startup Hub (MSH).

It was awesomely responded by the attendees.





Organizer: : Entrepreneurial Development Foundation, MITAOE

Activity Name : Startup Ecosystem Events by

Maharashtra Innovation Society

Date of Activity : 01.09.2021

Number Of Participants: 2000 +

Resource Person: Prof. Tukaram Sonawane, CEO – EDF MITAOE

Venue : : Virtual

Details About The Program:

Promotional Massage shared with All stakeholder regarding Startup Ecosystem Events by Maharashtra Innovation Society

Are you an early-stage founder with a lot of questions about your initial fundraise? Wondering when to kickstart the process, which investor to reach out to, and what you need to say to ensure you have their attention in that first meeting? If yes, then our upcoming virtual session focused on fundraising is perfect for you

To answer above mentioned querries ,below mentioned events are organised by Maharashtra Innovation Society



Organizer: : Entrepreneurial Development Foundation, MITAOE

Activity Name : STPI Motion Open Challenge Program 3.0, Fasal 1.0.

Date of Activity : 21.09.2021

Number of Participants: 2000 +

Resource Person: Prof. Tukaram Sonawane, CEO – EDF MITAOE

Venue : : Virtual

#### Details About The Program:

Session was organised to inform students and attendee about

FASAL (Fostering Agritech Startups for Augmenting Livelihood), a Centre of Entrepreneurship (CoE) for IoT in Agriculture by STPI, Ministry of Electronics & Information Technology (MeitY), Government of India, which is being setup at Dr. Panjabrao Deshmukh Krishi Vidyapeeth (PDKV), Akola, Maharashtra, with specialized state-of-the-art incubation facility and physical laboratories for start-ups in the area of AgriTech domain.

STPI FASAL, a COE for IOT in Agriculture has come up with the Open Challenge Program(OCP) to find innovative start-ups and STPI takes great pleasure in inviting Start-ups, entrepreneurs, researchers and innovators working in #AgriTech domain. Don't miss the opportunity! Needless to say about number of attendees, because of tremendous response



Organizer : Entrepreneurial Development Foundation, MITAOE

Activity Name : PROBLEM SOLVING & IDEATION WORKSHOP

Date of Activity: 17 November, 2021

Number of Participants: 186

Resource Person: Prof. Tukaram Sonawane,

CEO, Ecell and EDF MITAOE., Co-founder at Krishigati

& Twittjobs

Venue : Virtual

#### Details About The Program:

Online platform that connects the world's professionals which is widely popular in professionals as well as in students field. World wide most people are using it. To help students and professionals Ecell & EDF MITAOE & Vivekanand Education society's Business School has jointly organized an hour long session on ': PROBLEM SOLVING & IDEATION WORKSHOP"

The session received positive response, Prof. Tukaram Sonawane discussed, and advised on Ideation and Problem Solving He also discussed not only about Selection of Idea but guided students about how to convert idea in to Business enterprise

This session was interactive as the audience also shared their precious experiences with the sir.



Organizer : Entrepreneurial Development Foundation, MITAOE

Activity Name : Entrepreneurship & Innovation as Career Opportunity

Date of Activity: 26November, 2021

Number Of Participants: 114

Resource Person/ Host: GHRCEM Pune

Venue : Virtual

Details About The Program:

This training session /workshop was organised on Entrepreneurship and Innovation as Career Opportunity: Kick Start Your Startups.

The session received positive response, It was discussed that how Entrepreneurship and innovation can be the best Career Opportinity in your life. How innovation can be a good opportunity for kick Start. What opportunities are existing and how you can mould your idea with innovation as a way to be kick start your startups. This session was so interactive as the audience also shared their precious experiences.



Organizer : Entrepreneurial Development Foundation, MITAOE

Activity Name : i-2-e Competition for Innovative idea

Date of Activity : 3.12.21 to 5.12.21

Number Of Participants: 136

Resource Person/ Host: Pro.Tukaram Sonawane CEO ,EDF MITAOE.

, Co-founder at Krishigati & Twittjobs

Venue : Virtual

#### Details About The Program:

i-2-e competition – College Level : Call for Proposal from student teams as per guidelines & rules declared. college has identified best two teams .

The session received positive response, It was discussed that Problem identification and statement submission by the team, & how it could be best opportunity in your life, to become Entreprenuer. What problems are are existing and how you can mould your innovative idea to solve / overcome that problem. This session was so interactive as the team members also shared their precious experiences. Information, eligibility criteria about Innofest @ 21, Hackathon 21. i-2-e competition 21 (by Pune University) shared.







Organiser: Entrepreneurship Development Cell, MITAOE

**Activity Name: Startupverse** 

Date Of Activity: February 19, 2022

No. of Participants: 65

Resource Person: Amey Veikar

Venue: Zoom

#### **Details About The Program:**

Startupverse event was conducted on 19 February, two speakers were there for the event. First speaker of the startupVerse was Niti Singhal, founder and designer of tweeinone 'Women's clothing store' - A reversible and convertible clothing brand.

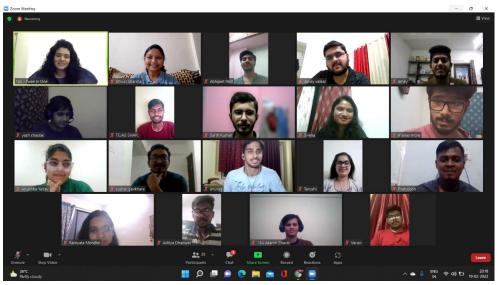
Second speaker was surprise speaker.

It was great event, participants got the journey of the speakers, their experiences, their success etc. The session was very much interactive everyone enjoyed it.











# E-Summit'22

E-Summit '22 is a national-level event organized by the Entrepreneurship cell, MITAoE on the 21st & 22nd of April, 2022. It was conducted in hybrid mode. The purpose of the event is to provide a common platform for aspiring entrepreneurs, startups, business enthusiasts, and Academicians to deliberate upon emerging trends and challenges. It aims to bring together professionals, academicians, entrepreneurs, and innovators to exchange and share their experiences and research results about various aspects of various disciplines. It also provides a premier interdisciplinary forum to present and discuss the most recent innovations, trends and concerns, practical challenges encountered, and the solutions adopted in the various fields. E-Summit will talk about emerging trends in the field of entrepreneurship.

The event features a two-day program with many national entrepreneurs and multiple case study presentations. The event comprises Keynote sessions, Startup Expo, A business plan competition, and an Internship fair. This two-day event aims to inspire the students to take up entrepreneurship as a career choice and give them a platform to listen and interact with some of the finest entrepreneurs.

Following events were conducted during ESummit'22:

#### 1. Keynote Sessions:

A. Mr. Hardik Banga

Topic: How to use social media in favor during your college days

70+ people on Zoom Meet.

It was the first keynote session planned by Ecell at E-Summit'22 with a keynote speaker Mr. Harddik Banga. This session was conducted on Zoom 20th of April. This session was conducted under E-summit 2022. We got a great response from the community.



B. Mrs. Sangieta Pande Topic: Life's First Pitch

The event was a keynote session planned by Ecell with a keynote speaker Mrs. Sangieta Pande. This session was conducted on the 20th of April on the zoom platform. This session was conducted under E-summit 2022. There was an audience of more than 50+ people.

#### **Photos:**



C. Mr. Mangesh Shinde Topic: - WillPower

The offline event is a keynote session planned by Ecell with a keynote speaker Mr. Mangesh Shinde who is the founder and CEO of WillPower Media and a YouTube influencer. This session was conducted in offline mode at the MITAOE campus on the 21st of April. This session was conducted under E-summit 22. We have gone live audience of 40+ people.



#### D. Mr. Shriman Bharadwaj

Topic: Crypto stocks and other beneficial investment sources for beginners

The event was a keynote session planned by Ecell with a keynote speaker Mr. Shriman Bharadwaj. This session was conducted on the zoom platform. This session was conducted under E-summit 2022. We got 20+ live interactive audiences for this session.

#### **Photos:**



#### 2. Startup Expo:

Startup Expo is the event organized to complete the aim of 'Bíinging togetheí staítups fíom acíoss diffeient fields to collaboíate, netwoík, and show theií vision.'. There were 100+ startups registered for the event. 17 Startups were shortlisted that were put up on the website.



#### 3. Business Model Competition (BizzModel):

BizzModel was a business model competition in which participants present or pitch their business models to the judges.

This year's competition was taken in hybrid mode with participants from various states. 6 participants participated in the competition.

#### Photos:



#### 4. Internship Fair

The internship Fair was an event to attract the students to the events. 7 companies participated in the event and offered an internship to students. We got a good response from the student, in which a lot of students applied for an internship. This event was conducted during the E summit 2022.



| Academy of Engineering (An Autonomous Institute) | Research and Dev | elopment |
|--|------------------|----------|
| Alandi (D), Pune – 412105                        | ACADEMIC YEAR    | 2021-22  |
| DEPARTMENT – R & D                               | ACADEIVIIC TEAR  | 2021-22  |

| Activity         | IPR Awareness Program   |  |
|------------------|---|--|
| Details          | Intellectual Property Rights (IPR) -Patent &Designs process   |  |
| Date             | 07/01/2022  |  |
| Venue            | Online  |  |
| Level of Event   | Institute level   |  |
| Coordinator      | Vandana Khandelwal , Malge A M  |  |
| Attendees        | 78  |  |
| Resource Persons | Pankaj P Borkar, Dy Controller of Patents & Design, IPO Mumbai and RGNIIP,Nagpur  |  |
|                  | R&D Cell and Central Library In association with RGNIIPM organizes  "Intellectual Property Rights (IPR) - Patent & Designs process"                                     |  |
|                  | Dr. Pankaj P. Borkar  Dy. Controller of Patents & Designs, GL- Mech. IPO Mumbai and RGNIIPM, Nagpur O/o CGPDTM, DPIIT, Ministry of Commerce & Industry - Govt. of India |  |
|                  | www.mitaoe.ac.in  |  |



| Academy of Engineering (An Autonomous Institute) | Research and Dev | elopment |
|--|------------------|----------|
| Alandi (D), Pune – 412105                        | ACADEMIC YEAR    | 2021-22  |
| DEPARTMENT – R & D                               | ACADEIVIIC TEAR  | 2021-22  |

| Activity         | IPR Awareness Program   |  |
|------------------|---|--|
| Details          | Intellectual Property Rights (IPR) -Patent &Designs process   |  |
| Date             | 21/02/2022  |  |
| Venue            | Online  |  |
| Level of Event   | Institute level   |  |
| Coordinator      | Dr Surendra Harkal, Dr Nitin Rane   |  |
| Attendees        | 152   |  |
| Resource Persons | Ms Ujjawal Singh, Dr Ajat Thakur, Dy Controller of Patents & Design, IPO Mumbai .   |  |
|                  | Government of India PATENT OFFICE In Collaboration with   |  |
|                  | SAINT DINYANESHWAR Arts, Commerce 8. Science College Engineering (b), Pune WIT & Science College  |  |
|                  | National webinar on NATIONAL INTELLECTUAL PROPERTY  Speaker  Speaker  Chair Person  Dr. AIAY THAKUR Assisted Controller Mumbal Patents Office Mumbal Patents Office Register in advance for this webinar - https://forms.gle/AD376Ck180xweb188  DR. SURENDRA HERKAL Principal, MIT S.D.&ED. College, Aland Devechi, Pune. Mob. 9850239630 |  |
|                  |   |  |



| Academy of Engineering (An Autonomous Institute) |  | Research and Development |         |
|--|--|--------------------------|---------|
| Alandi (D), Pune – 412105                        |  | ACADEMIC YEAR            | 2021-22 |
| DEPARTMENT – R & D                               |  | ACADEMIC TEAR            | 2021-22 |

| Activity            | Part A: Writing Quality research proposal   |  |
|---------------------|---|--|
|                     |   |  |
| Details             | Information of various funding agencies   |  |
| Date                | 17/12/2022  |  |
| Venue               | Online  |  |
| Level of Event      | Institute level   |  |
| Coordinator         | Dr S B Magde  |  |
| Attendees           | 105   |  |
| Resource<br>Persons | Dr Ritesh Kumar, Professor, VNIT, Nagpur, Maharashtra   |  |
| Description         | Information related to various funding agencies. Information regarding Title, Methodology was disseminated. |  |



| Academy of Engineering (An Autonomous Institute) |  | Research and Development |         |
|--|--|--------------------------|---------|
| Alandi (D), Pune – 412105                        |  | ACADEMIC YEAR            | 2021-22 |
| DEPARTMENT - R & D                               |  | ACADEMIC TEAR            | 2021-22 |

| Activity            | Part B: Writing Quality research proposal   |
|---------------------|---|
|                     | Resource Person   |
| Details             | Information of various funding agencies   |
| Date                | 17/12/2022  |
| Venue               | Online  |
| Level of Event      | Institute level   |
| Coordinator         | Dr. Rajeshwari Goudar<br>School of Computer Engineering & Technology  |
| Attendees           | 85  |
| Resource<br>Persons | Dr. Arumugam Mahamuni, Dean R&D ,Vemu Institute of Technology, Chittoor, Andhra Pradesh .                   |
| Description         | Information related to various funding agencies. Information regarding Title, Methodology was disseminated. |



| MIT<br>(An Autono         | Academy of Engineering mous Institute) | Research and Development |         |
|---------------------------|--|--------------------------|---------|
| Alandi (D), Pune – 412105 |  | ACADEMIC YEAR            | 2021-22 |
| DEPARTMENT – R & D        |  | ACADEMIC IEAR            | 2021-22 |

| Activity            | Research Paper Writing   |
|---------------------|--|
| Details             | How to write Title of Research and Affiliations for Research Paper                             |
| Date                | 27/08/2021   |
| Venue               | Online   |
| Level of Event      | Institute level  |
| Coordinator         | Dr A M Malge   |
| Attendees           | 78   |
| Resource<br>Persons | Mr. S S Gandhi , MITAOE  |
| Description         | Information related to Title of research paper and different types of title were desimminated. |

| Academy of Engineering (An Autonomous Institute) |  | Research and Development |         |
|--|--|--------------------------|---------|
| Alandi (D), Pune – 412105                        |  | ACADEMIC YEAR            | 2021-22 |
| DEPARTMENT – R & D                               |  | ACADEMIC TEAR            | 2021-22 |

| Activity            | Research Paper Writing   |  |
|---------------------|--|--|
| Details             | Writing effective Introduction and Literature survey for research paper      |  |
| Date                | 27/08/2021   |  |
| Venue               | Online   |  |
| Level of Event      | Institute level  |  |
| Coordinator         | Dr A M Malge   |  |
| Attendees           | 62   |  |
| Resource<br>Persons | Dr A N Bhute, MITAOE   |  |
| Description         | Information related to Literature survey of research paper was disseminated. |  |

|  | Academy of<br>Engineering |                          |  |
|--|---------------------------|--------------------------|--|
|  | Engineering               |                          |  |
| (Alandi:\(D)); Pune = 1d 2ik95 nstitute) |                           | Research and Development |  |
|  |                           |                          |  |
|  |                           |                          |  |
| DEPARTMENT -                             | R & D                     |                          |  |
|  |                           |                          |  |

| Activity            | Research Paper Writing  |
|---------------------|---|
| Details             | Writing Citations and References for Research paper   |
| Date                | 03/09/2021  |
| Venue               | Online  |
| Level of Event      | Institute level   |
| Coordinator         | Dr A M Malge  |
| Attendees           | 78  |
| Resource<br>Persons | Dr A G Kamble, MITAOE   |
| Description         | Information related to different referencing style and intext citations of research paper and different types of title were disseminated. |

|  | Academy of                |                          |  |
|--|---------------------------|--------------------------|--|
|  | Academy of<br>Engineering |                          |  |
| (Alandi (D); Ounce 11d2il 95 nstitute) |                           | Research and Development |  |
| DEPARTMENT -                           | D & D                     |                          |  |
| DEPARTMENT -                           | K & D                     |                          |  |

| Activity            | Research Paper Writing  |
|---------------------|---|
| Details             | Writing Research Methodology for Research paper   |
| Date                | 27/08/2021  |
| Venue               | Online  |
| Level of Event      | Institute level   |
| Coordinator         | Dr A M Malge  |
| Attendees           | 92  |
| Resource<br>Persons | Dr. P. P. Kothmire, MITAOE  |
| Description         | Information related to Research Methodology of research paper and different types of title were disseminated. |

| WHT                                    | Academy of  |                          |  |
|--|-------------|--------------------------|--|
|  | Engineering |                          |  |
| (Alandi-(D)); Fune m4d2il-95 nstitute) |             | Research and Development |  |
|  |             |                          |  |
| DEPARTMENT -                           | R & D       |                          |  |

| Activity            | Research Paper Writing  |
|---------------------|---|
| Details             | Writing Results and Discussion for Research paper               |
| Date                | 24/09/2021  |
| Venue               | Online  |
| Level of Event      | Institute level   |
| Coordinator         | Dr A M Malge  |
| Attendees           | 52  |
| Resource<br>Persons | Dr. P.N. Sutar, MITAOE  |
| Description         | Information related to Results and Discussion was disseminated. |

| Alandi (D), Pune – 412105 | ACADEMIO VEAD | 2021-22 |
|---------------------------|---------------|---------|
| DEPARTMENT – R & D        | ACADEMIC YEAR | 2021-22 |

| Activity            | Research Paper Writing  |
|---------------------|---|
| Details             | Writing Conclusion and Abstract for Research paper  |
| Date                | 01/10/2021  |
| Venue               | Online  |
| Level of Event      | Institute level   |
| Coordinator         | Dr A M Malge  |
| Attendees           | 78  |
| Resource<br>Persons | Dr. A. M. Malge, MITAOE   |
| Description         | Information related to Conclusion and Abstract research paper s of title were disseminated. |