

A

Workshop Report

On

'Awareness Program on Fire Fighting and Safety Precautions'

Organized by



Department of Petrochemical Engineering

Dr. Babasaheb Ambedkar Technological University Lonere

Date: 13th May 2022

Venue: Conference Hall and University Campus.

Target Audience: All University Students.

Speaker: Shri. Vijay Mote, Shri. Suresh Warange, Shri. Vilas Attarde, Shri. Jaideep Kale.

Workshop Co-Ordinator: Dr. S.S. Metkar, Prof. Harshada Jadhav.

REGISTRAR
Dr. Babasaheb Ambedkar Technological University
LONERE 402 103.
Tal. Mangaon, Dist. Raigad, (Maharashtra)

Dr. S.S. Metkar
Head,
Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lonere-Raigad

With the permission of Registrar, Petrochemical Engineering Students Association of Department of Petrochemical Engineering was organized successfully the 'Awareness Program on Fire Fighting and Safety Precautions' on Friday 13th May 2022.

AGENDA:

- 1) Welcome Speech
- 2) Felicitation of Guest, Departmental Faculty, Staff,
- 3) Guest Presentation.
- 4) Practical Session.
- 5) Interaction with Students.
- 6) Any other point with permission of Chair.
- 7) Collected Feedback form.

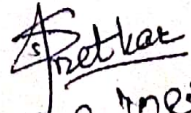
Course Content:

Presentation:

- Introduction of Fire, Fire Triangle.
- Classification of Fires.
- Control of High Vapour Pressure Fire.
- Firefighting Foams, Foam for Fire Protection, Foam Characteristics.
- Gaseous Agent Extinguishing System.
- Automatic Sprinkler System.
- Chemical Extinguishing Powders, Natural Gas Fire Control.
- Portable Fire Extinguishers: Soda-Acid Extinguishers, Carbon Dioxide Extinguisher, Dry Chemical Fire Extinguisher.
- General Safety Precautions for Maintenance of Fire Extinguishers.

Practical Session:

- Working of Fire Extinguishers.
- Working of Different types of Nozzles.


Dr. S. S. Inglekar
Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lone, Raigad

LIST OF STUDENTS PARTICIPATED:

Awareness program on fire fighting and safety precautions.

Date: 13/03/2022

Petrochemical Engineering Students Association of Department of Petrochemical Engineering has organized "Awareness program on fire fighting & safety precautions", Friday at 4:00 pm to 6:00 pm.

venue: conference hall and university open space.

Following students and faculty members were present for the program:

Faculty members & staff	sign
1) Dr. S.S. Metkar	
2) Prof. V.P. Jawanjal	
3) Dr. S.M. Mhasre	
4) Dr. D.M. Pawar	
5) Prof. L.P. Rauboot	
6) Prof. V.K. Pawar	
7) Prof. H.R. Jadhav	
8) Mr. S. R.R. Thale	
9) Mr. K. Sontarke	
10) Mr. Pashle	
11) Mr. Vijay Moti	
12) Mr. Surbesh Wankar	
13) Mr. Jaideep Kulkarni	
14) Mr. Nikhil Bhosale	
15) Pradip Bhat	
16) Mr. Ganesh P. Vaidya	
17) Mr. Vandana R. Dinkar	
18) Mr. Anant S. Dinkar	

Dr. S.S. Metkar

Department of Petrochemical Engineering
Dr. Babasaheb Ambedkar Technological University
Lonere - Raigad

ATTENDANCE

No	Name of student	Roll No.	Class/Group	Sign	No	Name of student	Roll No.	Class/Group	Sign
1	1
2	2
3	3
4	4
5	5
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30	30

No	Name of student	Roll No.	Class/Group	Sign
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A. S. Mehta
 Dr. S. S. Mehta

Department of Mechanical Engineering
 Dr. Babasaheb Ambedkar Technological University
 Lonere-Rajgad

About Workshop:

Our today's workshop is regarding of an approach to remind our students that don't be safety blinded but be safety minded. Safety first, Safety always...! As someone said safety is a state of mind and accidents are results of absence of mind.

so let us discuss some important safety things which are very helpful in order to reduce the risk of injury to all of us.

Welcome Speech:

On behalf of Petrochemical Engineering Department students co-ordinator of Petrochemical Engineering Students Association (PESA) Ms. Shreya and Mr. Abhishek started the program with kind words regarding program and Welcome all Guest, Faculty members and participants for the same. They gave briefly introduction about chief guest Mr. Jaideep kale who is General Manager in Mahad Manufacturing Association in the Common Effluent Treatment Plant Corporation society LTD.

Felicitation of Guest, Departmental Faculty, Staff:


Head of Department Dr. S. S. Metkar mam felicitated to Chief Guest Mr. Jaideep Kale sir and all team members with memento.

Guest Presentation:

Our Chief guest Mr. Jaideep Kale sir gave Power Point Presentation about firefighting and Safety precautions. They gave information about introduction of fire, Fire triangle, Classification of fire, Types of Fire Extinguishers- Construction and Working, Personal Protective Equipments.

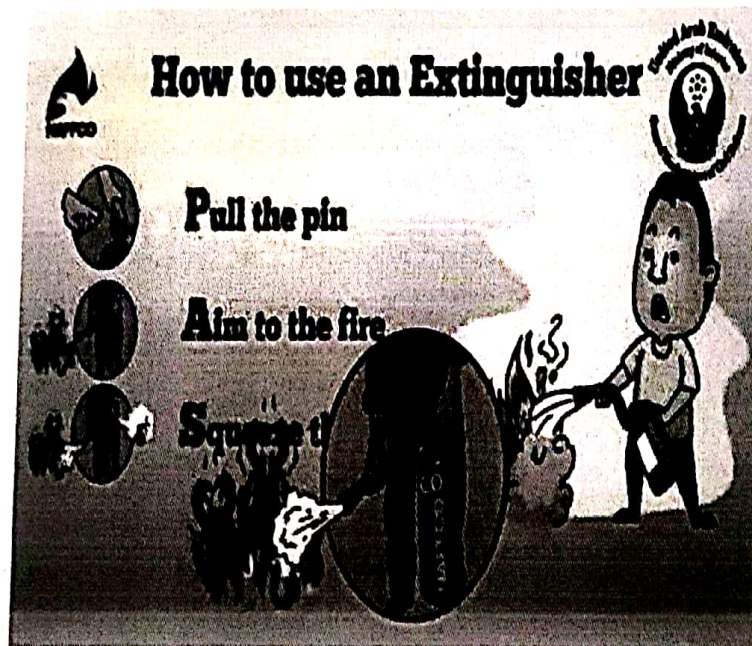
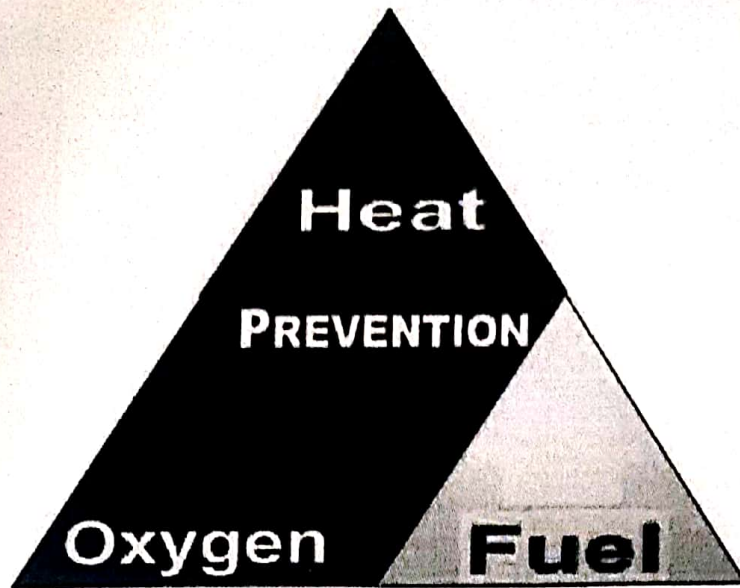
At the end program was concluded with vote of thanks and collect the feedback form from all participants.

Department wants to thanks university administration and Registrar as well as academic Dean for permitting financial support.


Dr. S. S. Metkar,







Head,
Department of Petrochemical Engineering
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Fire Triangle



















S. S. Metkar
Dr. S. S. Metkar
Department of Petrochemical Engineering
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Lonere-Raigad

Classification of Fire

A		Solid substances	Glow and flames	Wood, paper textiles	Water, foam ABC powder, AFFF Novec™ 1230
B		Liquids	Flames	Oil, gasoline fats	Foam, CO2, AFFF ABC, BC powder Novec™ 1230
C		Gases	Flames	Butane, propane natural gas	CO2, BC powder ABC powder, AFFF Novec™ 1230
D		Combustible metal	Glow and flames	Magnesium aluminium, sodium	Dry powder
E		Electrical (liquids solid substances)	Glow and flames	Plastics	Novec™ 1230 non-conductive extinguishing agents
F		Oils and fats	Flames	Cooking oils Frying fat	specific extinguishing agent*

Use of Correct Fire Extinguisher

Using The Correct Fire Extinguisher

Water	Dry Powder	Foam	CO2	Wet Chemical
For use on  Wood, Paper, Textiles etc.  Do not use on Flammable liquid  Live electrical equipment	For use on  Wood, Paper, Textiles etc.  Flammable liquids  Gaseous fire  Live electrical equipment	For use on  Wood, Paper, Textiles etc.  Flammable liquids  Do not use on Live electrical equipment	For use on  Flammable liquids  Live electrical equipment  Do not use on Wood, paper and textiles  Flammable metal fires Do not use in a confined space	For use on  Cooking oil fires  Wood, Paper, Textiles etc. Discharge entire contents on to fire from at least 1 metre distance

S. S. Metkar
 Dr. S. S. Metkar

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PRACTICAL SESSION



S. S. Metkar


Dr. S. S. Metkar

Head,
Department of Petrochemical Engineering
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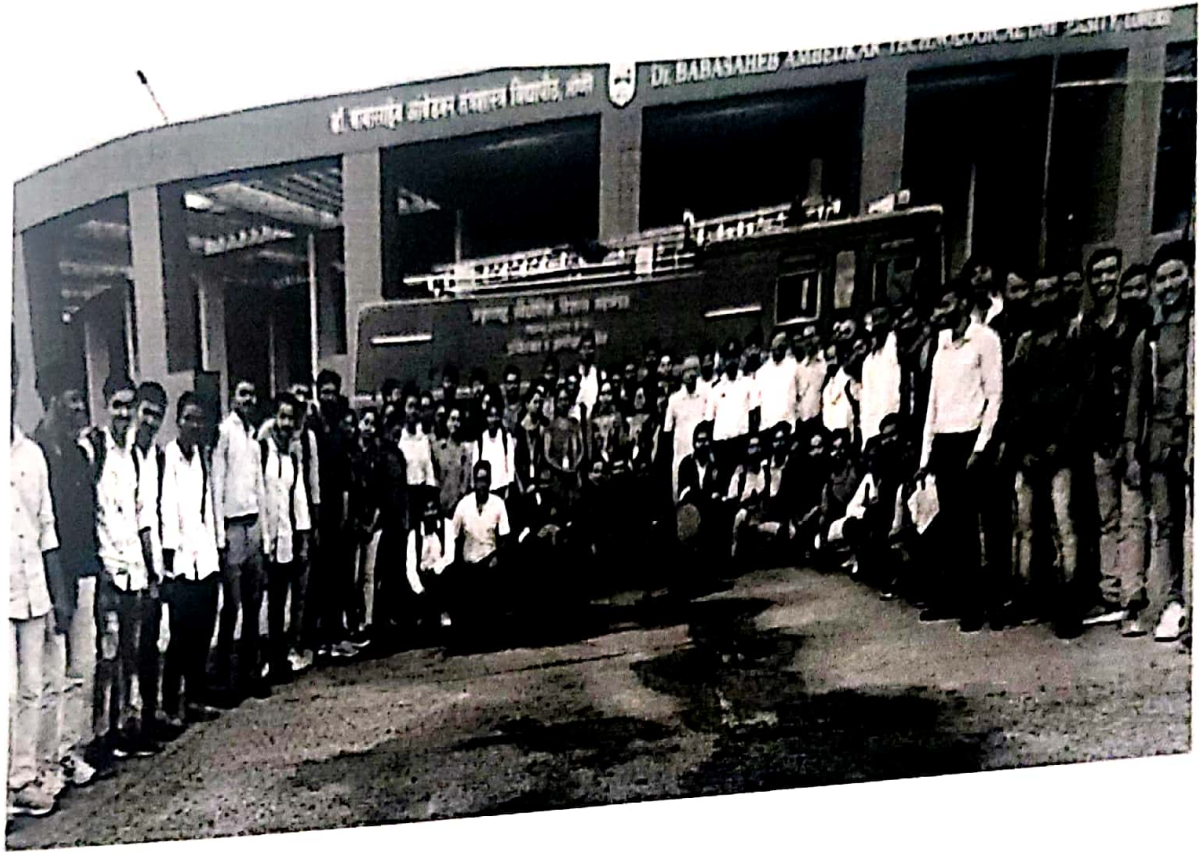


PRACTICAL SESSION




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AWARENESS PROGRAM ON FIRE FIGHTING AND SAFETY PRECAUTIONS



Harshada
Ms. Harshada Jadhav
Faculty Coordinator

S.S. Metkar
Dr. S.S. Metkar
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