



VEMU INSTITUTE OF TECHNOLOGY

Approved by AICTE - New Delhi, Permanently Affiliated to JNTUA

Accredited by NAAC, Recognized by 2(F) & 12(B) UGC Act.,

An ISO 9001:2015 Certified Institution.

Tirupathi – Chittoor Highway, P.Kothakota, Pakala – 517 112.

DEPARTMENT OF MECHANICAL ENGINEERING

VEMU/ME/2021-22/Technical staff

Date: 22/09/2022

Circular

It is here by informed to all the technical staff of ME that there is a 1 day Skill Development Program on "**Properties Of Fuels & Lubricants**" from **29-09-2022**

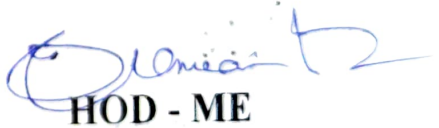
by Mr. T Raja ram, Managing Director, Technical Teaching Equipments, Chennai.

Hence all the technical staff are instructed to participate in the workshop without fail.

Venue: Fuels ME LAB.

Time: 9.30 am to 1.00 pm

1.50 pm to 5.00 pm


HOD - ME

Copy To: The Principal Desk,
The Staff In-charge,
Circulate among ME Technicians.

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VEMU INSTITUTE OF TECHNOLOGY


P. Kotha Kota, Chittoor (Dt.), Andhra Pradesh-517 112.

A ONE DAY WORKSHOP ON NON-TEACHING STAFF SKILL DEVELOPMENT PROGRAM

ACADEMIC YEAR: 2021-2022

Topic: Properties of Fuels & Lubricants

Day & Date	9:30AM to 10:30AM	10:30AM to 12:45PM	12:45PM to 1:45PM	2:00PM to 3:20PM
29-09-2022	Inauguration	Practice on properties of Fuels & Lubricants Mr. T Raja Ram Managing Director, Technical Teaching Equipments, Chennai.	BREAK	Practice on properties of Fuels & Lubricants


HOD HEAD
DEPARTMENT OF ME
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PRINCIPAL
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DEPARTMENT OF MECHANICAL ENGINEERING

Workshop Attendance

Title: One Day Skill Development Program On Properties Of Fuels & Lubricants

Date: 29-09-2022

Resource Person: T Raja ram, Managing Director, Technical Teaching Equipments, Chennai.

S. No	Name of the Staff	Signature
		29-09-2022
1.	Dr. G. RAMESH	
2.	M. Venkatesulu	
3.	K. Hemu anandh	
4.	M. sudarsanum	
5.	K. V. sarathu Babu	
6.	N. Balu Krishna	
7.	P. Gopi	
8.	mohan	
9.	M. Sankar	
10	G. Suresh	
11	K. malli kanna ardi	
12	Bhanu chandor	
13.	P. Prasad	

COORDINATOR(S)

HOD



VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

Department of Mechanical Engineering

REPORT

Work Shop: A One Day Skill Development Programme On Properties Of Fuels & Lubricants

Date: 29-09-2022

Resource Person: Mr. T Raja ram, Managing Director, Technical Teaching Equipments, Chennai.

Targeted staff: ME Technical staff

OBJECTIVE

1. Fuels serve as a major part of our energy requirement. They are the concentrated store of energy, which is related as heat when fuels are burnt. Fuels are combustible substances of organic origin or artificially obtained substances, which are used for producing heat and energy.
2. The properties of lubricants An essential property of a lubricant's principal function is to prevent friction by forming a boundary layer between two surfaces. Heat should be dissipated from surfaces.

OUT COME

In this skill development programme we will Build thorough knowledge of various tools, machines, devices used in engineering practice. Acquire thorough knowledge of carrying out various operations in mechanical engineering laboratories, Utilize measuring skills gained in workshop practice. Acquire Hands on training and practice to students for use of various tools, devices and machines. Acquire practical skills getting in pen sky martin and Cleveland open, closed cup flash and fire points apparatus, say bolt viscometer and redwood viscometer and dead weight pressure gauges.

The following steps to improve properties of fuels and lubricants

A high boiling point and low freezing point (in order to stay liquid within a wide range of temperature), A high viscosity index, Thermal stability, Hydraulic stability, Corrosion prevention, A high resistance to oxidation
An ideal fuel is one that is easily accessible, A good fuel is one that is inexpensive, An ideal fuel burns easily and at a moderate rate in the air. It generates a lot of energy, It should not leave behind any potentially dangerous compounds, It should have no negative impact on the environment.

COORDINATOR

HOD

Staff Skill Development Program
on
**PROPERTIES OF FUELS
& LUBRICANTS**

29th September 2022

Resource Person :

Sri. T. Raja Ram

Managing Director

Technical Teaching Equipments, Bangalore

Organized by
Department of Mechanical Engineering



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TECHNOLOGY**

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Dr. G. RAMESH

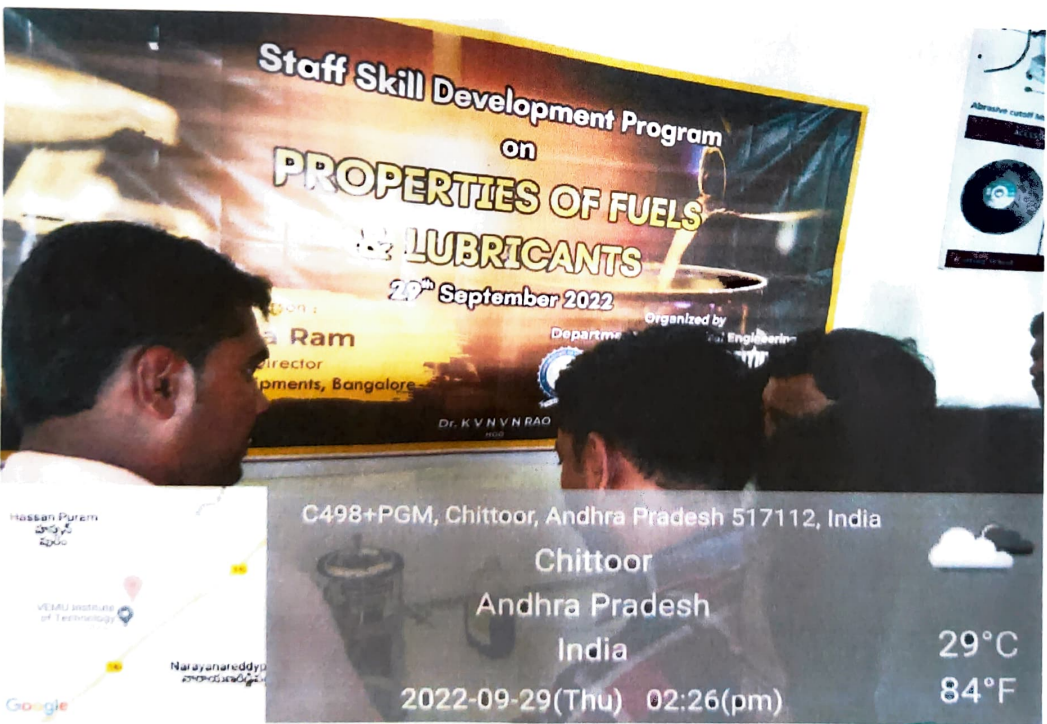
Co-Ordinator

Dr. K V N V N RAO

HOD

Dr. NAVEEN KILARI

Principal




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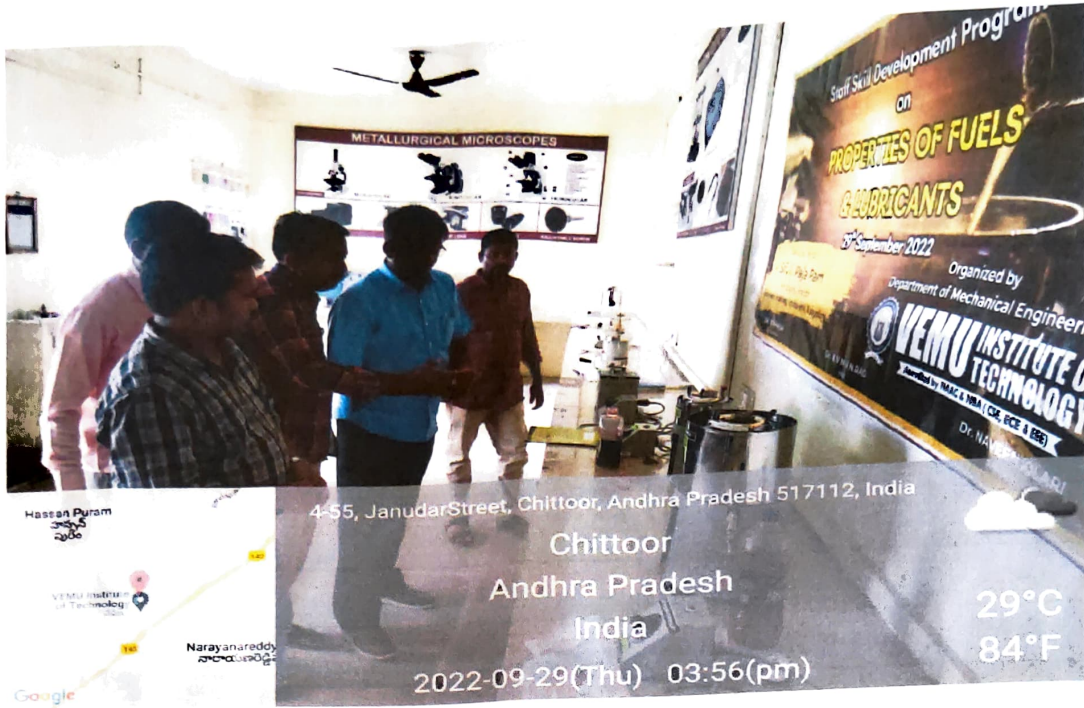
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P.Kothakota, Chittoor Dist., A.P. - 517 112.

SKILL DEVELOPMENT PROGRAMME ON "PROPERTIES OF FUELS & LUBRICANTS"

Participation Certificate

This is to certify that Mr./Ms T. MOHAN of

VEMU INSTITUTE OF TECHNOLOGY has participated in

Skill Development Programme on "Properties of Fuels & Lubricants" organized by the Department of Mechanical Engineering, on 29th September 2022 held at VEMU IT, P.Kothakota, Chittoor Dist., Andhra Pradesh, India.

Course Coordinator

PRINCIPAL

Vemu Institute of Technology

P. KOTHAKOTA 517-112

HOD-MECH.

Principal, VEMU





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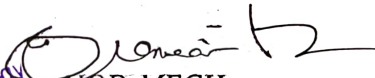
This is to certify that Mr./Ms N. BALA KRISHNA of

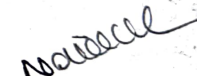
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HOD-MECH.


Principal, VEMU

