

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN, JAIPUR**



A Report

On

Workshop for Students

On

Fuels and Lubricants

(16th February, 2022)

ORGANISED BY

DEPARTMENT OF CHEMISTRY

Name of Institute: Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Name of Department: Chemistry

Title of the Event: Student Workshop on Fuels and Lubricants

Names of Faculty Coordinator(s): Dr. Swati Joshi, Dr. Poonam Ojha

Name of Student Coordinator: Deepak Kumar (II Year ME)

Maximum Number of Participants: 114

Date, Duration and Venue of the Workshop: 16th February 2022, 1 day,
both online (Google Meet) and offline (Chem Lab-II)

Level of the Event: College Level

Objectives of the event

Due to Covid situation, students were not able to attend their labs and theory classes regularly, even at the school level, most of the students were not aware about the laboratory experiments. This workshop was targeted for the I year students, and through on-line video demonstration and practical performance in Chemistry Lab, students were taught some experiment based on the topic Fuels and Lubricants. like Bomb Calorimeter, Proximate Analysis, Redwood Viscometer, Pensky-Martens Apparatus and Cloud & Pour point Apparatus.

Topics covered in the Workshop

- Determination of Calorific value of solid fuel by Bomb Calorimeter (through video)
- Proximate Analysis of coal (both through video and practical demonstration and performance by students)
- Viscosity measurement of lubricating oil by Redwood Viscometer (Practical demonstration and performance by students)
- Flash and fire point of lubricating oil measurement by Pensky-Martens Apparatus (Practical demonstration and performance by students)
- Cloud & Pour point of lubrication oil measurement by Cloud and Pour point apparatus (Practical demonstration and performance by students)

Details of the Schedule

The workshop was divided into two sessions:-on-line from 10:30 am to 12:30 pm and off-line from 12:30 pm to 3:30 pm

Time	Mode	Details
10:30 am to 12:30 pm	On-line on Google Meet	Video Demonstration of Bomb Calorimeter and Proximate Analysis of Coal
12:30 pm to 3:30 pm	Off-line, in Chemistry Lab-II	Practical Demonstration and performance by Students of Redwood Viscometer, Cloud & Pour point apparatus, Pensky-Martens apparatus and Proximate analysis of coal

Poster of the Event:



**DEPARTMENT OF CHEMISTRY
AND
ECO-FRIENDS CLUB**

**Organising
Student Workshop On Fuels
And Lubricants**

On 16/02/2022, From 10:30 pm To 12:30 pm
(Online Mode)
(Practical Demonstration In Lab)
From 12:30 pm To 3:30 pm

Scan QR Code
to Register



For more details contact:

Dr. Swati Joshi-9461207759	Deepak Kumar (ME)
Dr. Poonam Ojha-9928086033	6204338698
(Faculty Co-ordinator)	(Student Co-ordinator)

Details of the Event

Student workshop was organized on the topic Fuel and Lubricants. Students of I year participated in the workshop. In morning, in the on-line session, taken on Google Meet, experiments like proximate analysis of coal, Bomb calorimeter were demonstrated via a video documentary. Afternoon session was comprising of the Practical Demonstration and performance by Students of Redwood Viscometer, Cloud & Pour point apparatus, Pensky-Martens apparatus and Proximate analysis of coal of the experiments in the Chemistry lab. After a long covid break, students were very much benefitted of this workshop and a good learning experience was observed by them. More than 120 students participated with enthusiasm. Participation certificates were also given to them.

Details/List of student participants

Name of Student	Year	Branch	Roll Number
Harsh Meena	I Year	Civil	I-29
Mohit kumar meena	I Year	Civil	I-52
Krishan Kumar Swami	I Year	IT	M
Chirag	I Year	IT	M-036
Deepak Sharma	I Year	IT	M0-38
Chetan Singh Rathore	I Year	IT	M-033
Ayushi Katyayan	I Year	IT	M-029
Aditya Soni	I Year	Civil	I-004
Dinesh Sharma	I Year	Civil	I
Himesh Kumawat	I Year	Civil	I-31
Jaspreet Singh	I Year	Civil	I-34
Akshat Saini	I Year	Civil	I-006
Karan Moond	I Year	Civil	I
Chinmay Bhatnagar	I Year	IT	M-35
Chandraprakash Meena	I Year	Civil	I-012
Jai Prakash Anand	I Year	EC	O-031
Chirag Gurnani	I Year	EC	O
Deepanshu Khandelwal	I Year	EC	O-21
Kashish Arora	I Year	IT	M-061
Diksha aswani	I Year	IT	M
Saarthak Chopra	I Year	Civil	J-30
Mohit Meena	I Year	Civil	I-53
Jaswant Jangid	I Year	Civil	I
Fariyad Khan	I Year	Civil	I-023
Darshit Mathur	I Year	Civil	I-014

Nikhil Garg	I Year	Civil	J-005
Himanshu Agarwal	I Year	EC	O
Hiteshi Agrawal	I Year	IT	M
Palak	I Year	EE	K-45
Kanishk Bhardwaj	I Year	Civil	I
Khwaish Gupta	I Year	EE	K-036
Uday Singh Sisodia	I Year	Civil	J-43
Jai Kumar Bisaria	I Year	EC	O
Anmol Gupta	I Year	EC	O-13
Puneet Dadhich	I Year	Civil	J
Sapna	I Year	Civil	J
Arman Mathew	I Year	EE	K
Deepak Sharma	I Year	IT	M0-38
Nishchay Parashar	I Year	EE	K
Chahak khurana	I Year	IT	M-031
Manik Mehra	I Year	Civil	I
Jugal Kishor Choudhary	I Year	Civil	I -037
Mahendra chhaba	I Year	Civil	I-047
Kamlesh Gurjar	I Year	Civil	I-038
Kanishk Patidar	I Year	Civil	I-040
Avishi Vijay	I Year	IT	M-027
Akshita bhatnagar	I Year	IT	M
khan mosim wahid	I Year	Civil	I-043
Almazim Akhtar	I Year	Civil	I-008
Sahil Kumar Choudhary	I Year	ME	L-050
Bhavya sharma	I Year	ME	L032
Jaivardhan	I Year	Civil	I-33
Hiren Mathur	I Year	ME	L-036
Jashan	I Year	EC	O-32
Ishika patni	I Year	EC	O-29
Akshita Sharma	I Year	EC	O-009
Divyansh Asopa	I Year	EE	K
Lavish Ahuja	I Year	Civil	I-046
Mansi Aaseri	I Year	Civil	I-050
Preeti Gupta	I Year	EE	K
Aryan Sharma	I Year	EC	O
Anjali Gupta	I Year	IT	M017
Arushi Hinger	I Year	IT	M-022
Diya Sharma	I Year	EC	O-24
pradeep Badgoti	I Year	EE	K
Garvita Sakhrani	I Year	IT	M
Prakash Sharma	I Year	Civil	J-011
Jigyashu Sharma	I Year	CS	E

Manav Modi	I Year	IT	Nil
Parag Saini	I Year	EE	K-047
Shalin Devpura	I Year	CS	G
Aditya Poonia	I Year	Civil	I
Ashlesh Singh Chouhan	I Year	EC	O
Pankaj Kumar Samota	I Year	EE	k-046
Priyanshu Sharma	I Year	EE	K-52
Palak	I Year	EE	K -45
Abhishek Meena	I Year	Civil	I-002
Ashlesh Singh Chouhan	I Year	EC	O
Hitanshu Chhandwal	I Year	Civil	I-32
Sakshya Mawaliya	I Year	EE	L
Shivam Tiwari	I Year	EE	L-013
Saloni	I Year	EE	L-8
Sachin Meena	I Year	Civil	J
Ravi Kumar Meena	I Year	EE	L
Vikas Sharma	I Year	ME	L-057
Bhavya Sharma	I Year	ME	L032
Devi Pratap Singh Rajawat	I Year	ME	L-033
Priyanshu Sharma	I Year	ME	L-048
Mukul Acharya	I Year	ME	L-043
Akash	I Year	ME	L-027
Shubham Patel	I Year	ME	L053
Sanjay kumar Jangid	I Year	ME	L-051
Ansh Kumar	I Year	ME	L-029
Vidhesh Khanna	I Year	ME	L-056
Bhanu prakash Yadav	I Year	ME	L-030
Nitin Nagar	I Year	ME	L-046
Harshvardhan Verma	I Year	ME	L-035
Harsh Singh	I Year	ME	L-034
Shorya Pathak	I Year	ME	L-052
Yash Agarwal	I Year	EE	L 023
Rishika Jain	I Year	EE	L003
Rashi Chouhan	I Year	EE	L001
Yashpal Siyag	I Year	EE	L-25
Yash Agarwal	I Year	EE	L023
Ronak Kumar	I Year	EE	L-04
Tarun Saini	I Year	EE	L019
Saurabh Kumar Pushp	I Year	EE	L-010
Shivam Gupta	I Year	EE	L-012
Tanu Meena	I Year	EE	L-018
Abhishek Jangid	I Year	ME	L-026
Shankar Yogi	I Year	EE	L

Abhijeet Agarwal	I Year	EC	O
Aashi Kushwah	I Year	IT	M
Avishi Vijay	I Year	IT	M-027

Attendance sheet of participants

S. No.	Name of the Student
1	Harsh Meena
2	Mohit kumar Meena
3	Krishan Kumar Swami
4	Chirag
5	Deepak Sharma
6	Chetan Singh Rathore
7	Ayushi Katyayan
8	Aditya Soni
9	Dinesh Sharma
10	Himesh Kumawat
11	Jaspreet Singh
12	Akshat Saini
13	Karan Moond
14	Chinmay Bhatnagar
15	Chandraprakash Meena
16	Jai Prakash Anand
17	Chirag Gurnani
18	Deepanshu Khandelwal
19	Kashish Arora
20	Diksha aswani
21	Saarthak Chopra
22	Mohit Meena
23	Jaswant Jangid
24	Fariyad Khan
25	Darshit Mathur
26	Nikhil Garg
27	Himanshu Agarwal

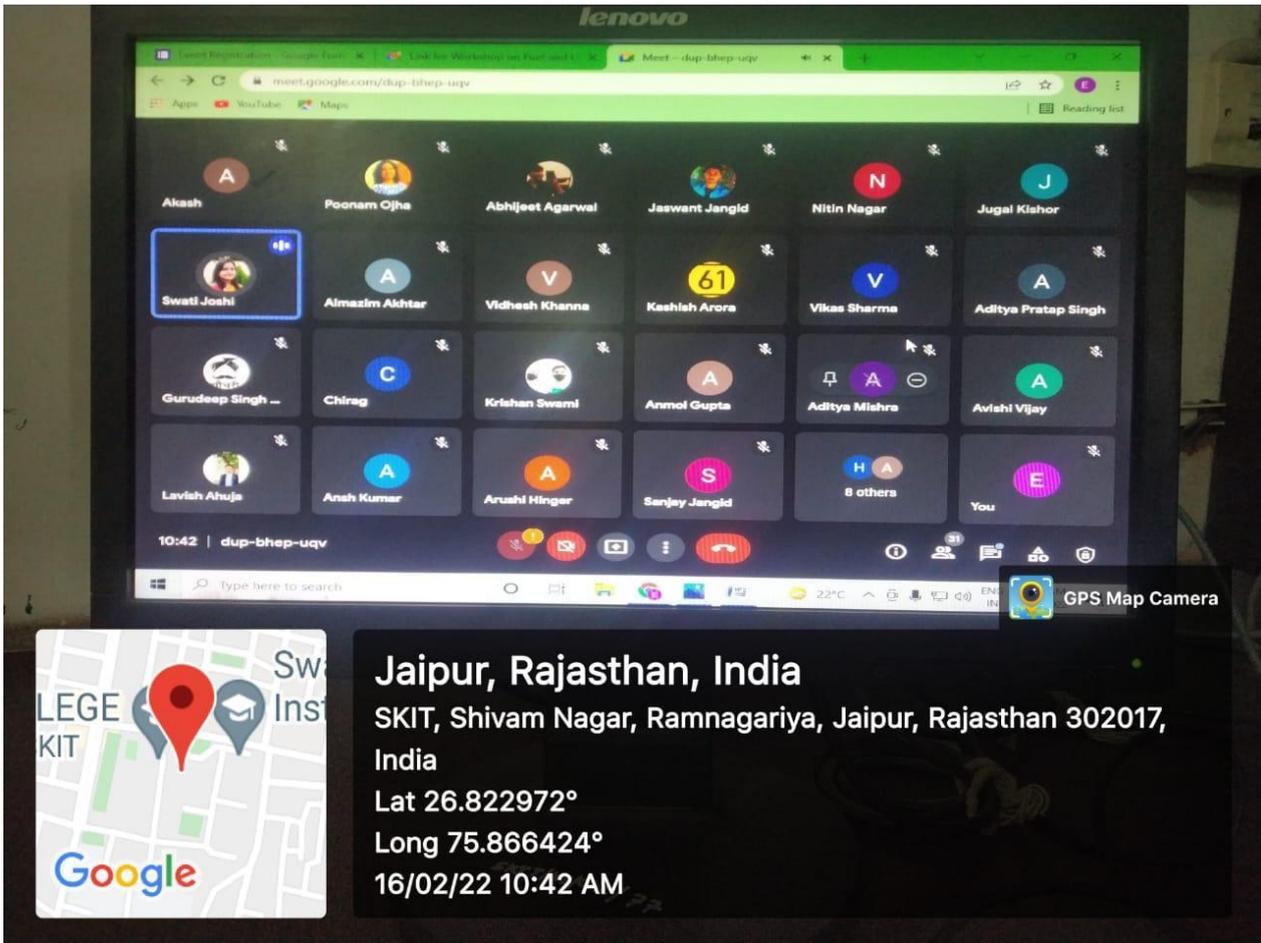
28	Hiteshi Agrawal
29	Palak
30	Kanishk Bhardwaj
31	Khwaish Gupta
32	Uday Singh Sisodia
33	Jai Kumar Bisaria
34	Anmol Gupta
35	Puneet Dadhich
36	Sapna
37	Arman Mathew
38	Deepak Sharma
39	Nishchay Parashar
40	Chahak khurana
41	Manik Mehra
42	Jugal Kishor Choudhary
43	Mahendra chhaba
44	Kamlesh Gurjar
45	Kanishk Patidar
46	Avishi Vijay
47	Akshita bhatnagar
48	khan mosim wahid
49	Almazim Akhtar
50	Sahil Kumar Choudhary
51	Bhavya sharma
52	Jaivardhan
53	Hiren Mathur
54	Jashan
55	Ishika patni
56	Akshita Sharma
57	Divyansh Asopa
58	Lavish Ahuja
59	Mansi Aaseri
60	Preeti Gupta
61	Aryan Sharma
62	Anjali Gupta
63	Arushi Hinger
64	Diya Sharma
65	pradeep Badgoti

66	Garvita Sakhrani
67	Prakash Sharma
68	Jigyashu Sharma
69	Manav Modi
70	Parag Saini
71	Shalin Devpura
72	Aditya Poonia
73	Ashlesh Singh Chouhan
74	Pankaj Kumar Samota
75	Priyanshu Sharma
76	Palak
77	Abhishek Meena
78	Ashlesh Singh Chouhan
79	Hitanshu Chhandwal
80	Sakshya Mawaliya
81	Shivam Tiwari
82	Saloni
83	Sachin Meena
84	Ravi Kumar Meena
85	Vikas Sharma
86	Bhavya Sharma
87	Devi Pratap Singh Rajawat
88	Priyanshu Sharma
89	Mukul Acharya
90	Akash
91	Shubham Patel
92	Sanjay kumar Jangid
93	Ansh Kumar
94	Vidhesh Khanna
95	Bhanu prakash Yadav
96	Nitin Nagar
97	Harshvardhan Verma
98	Harsh Singh
99	Shorya Pathak
100	Yash Agarwal
101	Rishika Jain
102	Rashi Chouhan
103	Yashpal Siyag

104	Yash Agarwal
105	Ronak Kumar
106	Tarun Saini
107	Saurabh Kumar Pushp
108	Shivam Gupta
109	Tanu Meena
110	Abhishek Jangid
111	Shankar Yogi
112	Abhijeet Agarwal
113	Aashi Kushwah
114	Avishi Vijay

Glimpses of the Event





Certificate of the Event



**Swami Keshvanand Institute of Technology
Management And Gramothan, Jaipur**

CERTIFICATE

Of Participation

This certificate is presented to

Name of Participant

*Of _____ branch ___ year,
for actively participating in the workshop-
"Fuels and Lubricants" organised by, "Department of Chemistry"
in collaboration with "Eco-friend's Club"
on 16th Feb. 2022.*

Poonam ojha

Dr. Poonam Ojha
Faculty Co-ordinator



Swati

Dr. Swati Joshi
Faculty Co-ordinator