



# EARTHY WORTHY

16<sup>th</sup> issue

JAN-MARCH 2021



*DEPARTMENT OF ENVIRONMENTAL  
SCIENCE & TECHNOLOGY*

*We share because we care*

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**Sr. No.**

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# the EDITORIAL



**Pratibha Gautam**  
**Head-DEST**



**Amishi Popat**  
**Asst. Prof, DEST**



**Mr. Purusattam Das**  
**SEM - IV**



**Mr. Kale Prasad**  
**SEM - VI**



**Ms. Vanshika Rana**  
**SEM - VIII**

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# Department of Environmental Science & Technology

## Vision

*"To become globally recognized as a pioneer in the field of Environmental Science and Technology by providing world-class education and training to students to deal with global environmental challenges by research based*

## Mission

- ❖ To prepare an innovative curriculum with a holistic approach of continual improvement in order to address environmental challenges.*
- ❖ To Impart sound scientific and technical knowledge in environmental management.*
- ❖ To Orient students to analytical techniques by offering state of art laboratories and innovative experiments.*
- ❖ To Practice and promote multi-disciplinary research leading to sustainable development.*
- ❖ To establish relationship among Industry-Academia-Research institution and undertake collaborative research projects to deliver scholarly output.*

# Department of Environmental Science & Technology

## Program Educational Objectives

- To excel our students in the field of environmental science and technology in order to provide economical, safe, and sustainable solutions of complex engineering problems pertaining to various environmental challenges.
- To educate our students with such high standards of teaching and learning coupled with rich hands on experience and project based experience that they are recognized globally for their sound technical capabilities and professional ethics.
- To prepare our students to demonstrate excellent abilities in interdisciplinary fields of environmental management such as waste water treatment, air pollution control and solid waste management.
- To develop our students' analytical skills and their ability to use modern engineering tools to critically evaluate and amalgamate various state of the art techniques of science and engineering to cater the need of sustainable development.
- To ensure our students to bring synchronization between industry and institute, and also to develop and promote industry oriented research at institute.

# *Department Activities*

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“ EXPERT  
TALKS ONLINE

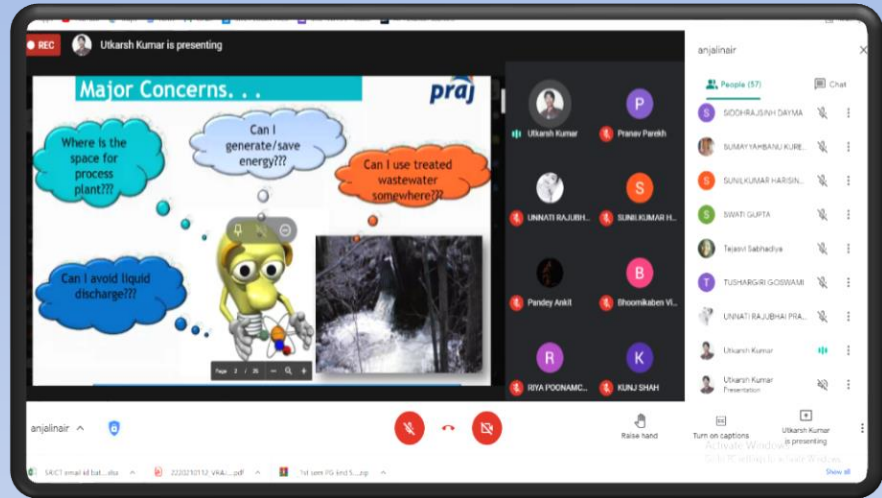
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Sr. No.	Semester	Designation of Expert (With name of industry)	Date
1	1 (PG)	Environment Engineer, Gujarat Alkalies and Chemicals Ltd.	03/02/2021
2	1(PG), 4	Senior Executive, EWAC ALLOYS	10/02/2021
3	4	Proprietor, Enviquest Enviro-Legal Experts	13/01/2021
4	4	Cofounder, LGEOM	09/02/2021
5	4	Environment Engineer, SHREE GREEN CONSULTANT	12/02/2021

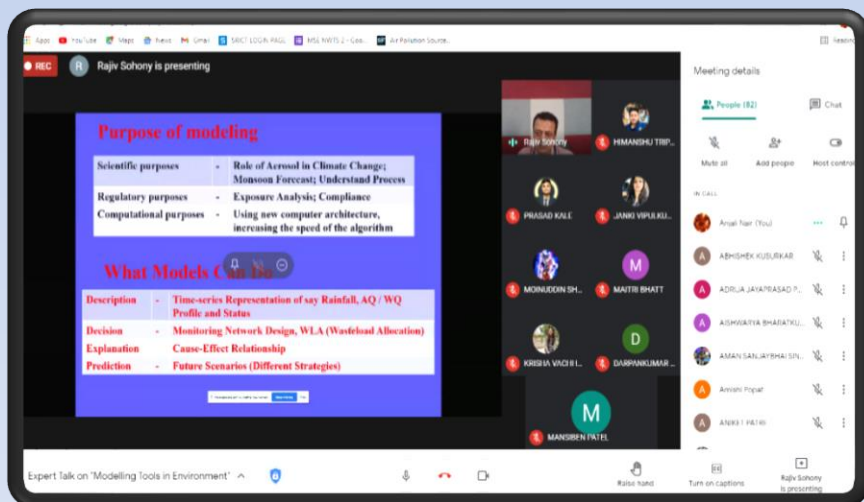


Sr. No.	Semester	Designation of Expert (With name of industry)	Date
1	6, 8	EHS Executive, Alembic, Halol	11/01/2021
2	6	Proprietor, Enviquest Enviro-Legal Experts	13/01/2021
3	6, 8	Junior Executive officer, Aarti industries	20/02/2021
4	6	Senior Principal Scientist, PMPD ,NEERI	31/03/2021
5	8	Senior Scientist, EIS Division, NEERI	26/03/2021

# GLIMPSE OF THE EXPERT LECTURE



**Expert lecture by Mr. Dixit Kanabar  
from EWAC ALLOYS on 10-02-2021**



**Expert lecture by Mr. Jayesh Tiwari from  
Shree Green Consultant on 12-02-2021**



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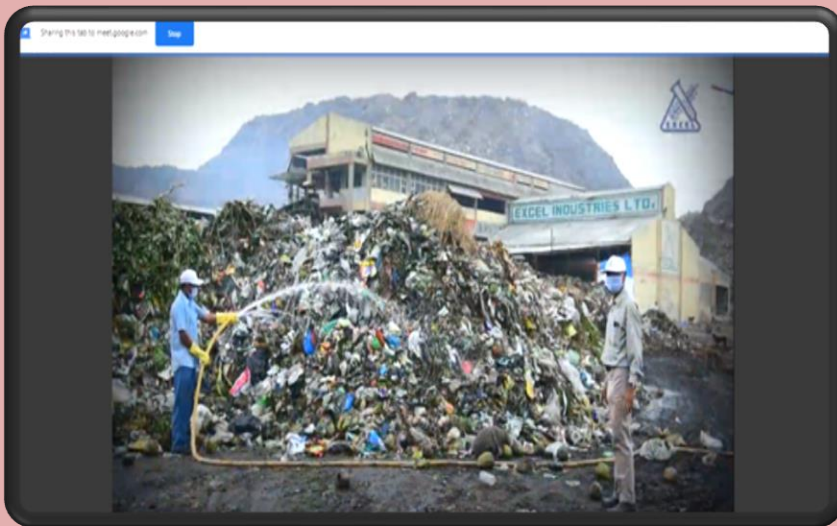
Sr. No.	Semester	Name of Industry	Date
1	1 (PG)	Water Treatment Plant, Jalandhar	12/01/2021
2	4	STP, Delhi	13/01/2021
3	4	IMSWM, Hyderabad	21/01/2021
4	4	R.S Rice mill, Amritsar Punjab	29/01/2021
5	6	TSDF Site-Ramky Enviro Engineers Ltd.	08/02/2021

Sr. No.	Semester	Name of Industry	Date
6	6	JRS Pharma, Nandasan	09/02/2021
7	6	Amrit STP, Haryana	15/03/2021
8	8	WTP, Delhi	08/02/2021
9	8	Excel Industries Limited	09/02/2021
10	8	Sudeep Industries Pvt. Ltd., Ahemdabad	23/03/2021

# GLANCE OF THE VISIT



**Industrial visit to WTP, Delhi  
on 08-02-2021**



**Industrial visit to IMSWM,  
Hyderabad on 21-01-2021**

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OTHER

ACTIVITIES

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# **OFFLINE WORKSHOP ON VIRTUAL LABS (VLAB)**

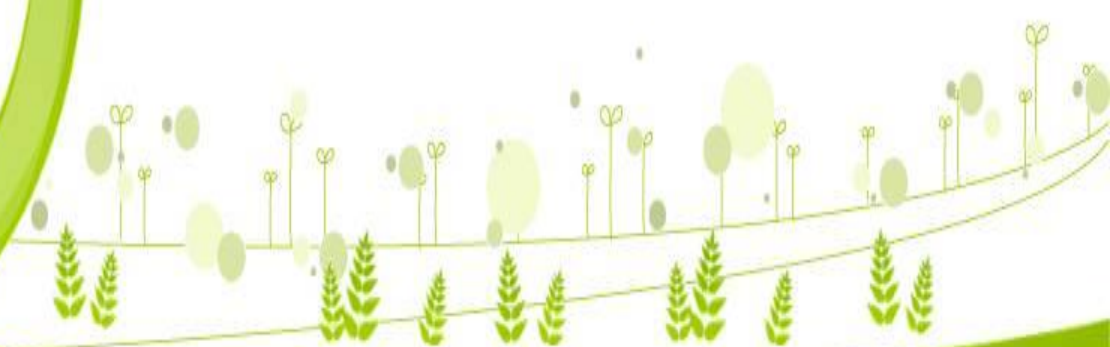
**Date: 25/02/2021**

**Time: 12:45 to 1:45 pm**

**Theme: VLAB awareness  
session**

**Coordinated by: Ms. Divya Lad**

**Attendees: Sem 1 Students**





# GLANCE OF THE WORKSHOP



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# REPUBLIC DAY CELEBRATION

**Flag hoisting by:** Chief guest Rtn. Arun Joshi

**Mode of Celebration:** Online and Offline

**Participants:** Rtn. Arun Joshi, Rtn. Sandhya Joshi, All SRICT family members and students



**UPL**  
Srinagar

**Shroff S. R. Rotary Institute  
of Chemical Technology**



**Cordially Invites You to Celebrate  
72<sup>nd</sup> Republic Day on  
26<sup>th</sup> January, 2021**

**Program Outline**  
9:20 AM Gathering at First Quadrangle  
9:30 AM Flag Hoisting at the hands of Rtn. Arun Joshi  
(Live on SRICT FB Page)  
9:45 AM Cultural Program  
(Live on SRICT FB Page and you Tube livestreaming on following link)  
<https://www.youtube.com/watch?v=jGpW287Q-0I&feature=youtu.be>

**Coordinated By  
Department of Environmental  
Science & Technology**

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# GLIMPSE OF THE EVENT



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# GLIMPSE OF THE EVENT



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# SAMPARAK ABHIYAN

PARENT - TEACHER  
MEETING

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***Date:* 19/02/2021**

***Addressed By:* Dr Snehal  
Lokhandwala & Ms. Pratibha  
Gautam**

***Attendees :* All faculty members,  
Lab-Assistants and Parents  
(more than 100)**

***Semester:* 4, 6 and 8 (UG) and 1  
(PG)**

***Mode of meeting:* Online**

# Glance of the meeting

UPL OpenEd

SRICT

Rotary

**Nature**

**“Sampark Abhiyan”**

Parents - Teacher Meeting (PTM)  
19<sup>th</sup> FEBRUARY 2021

DEPARTMENT OF  
ENVIRONMENTAL SCIENCE & TECHNOLOGY

REC Anjali Nair is presenting

PTM MEETING

People (100) Chat

Wandana Prasad

WANDHAKSEN SHALES...

VIRAJI VIRAJI

VIRAJIN CHETANKU...

Vishakha Patel

VISHVAKHA CHARMEN...

Vishal Patel

Vivek Kachhadya

YASH CHANDULAL GO...

Glimpse of PDP Activity

**Nature**

Batch	Placement
2011	100%
2012	100%
2013	100%
2014	100%
2015	100%
2016	100%

PTM MEETING

Activate Windows  
Go to Settings to activate Windows.

Anjali Nair is presenting

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The logo for the National Board of Accreditation (NBA) features the letters 'NBA' in a large, bold, blue font with a white outline. The letters are set against a white background within a white rectangular frame. The frame is decorated with four yellow stars at the corners. The background of the entire image is a light teal color with several small white dots scattered across it.

NATIONAL BOARD  
OF ACCREDITATION

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Department of  
Environmental Science  
& Technology at SRICT  
is accredited by  
**National Board of  
Accreditation**, New  
Delhi.

The audit was  
conducted on 14 & 15  
March 2021

# Students contribution during the pandemic



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# *Worked as Corona Warrior during Pandemic*

## ❖ **Pranav Parekh, Sem-6 student of EST**

worked as corona warrior and a responsible citizen of our nation.

- ❖ As he is a NCC cadet, he along with his group from NCC, were deployed in Bharuch along with local police for traffic control to maintain the rules and guidelines of lockdown.
- ❖ He was on duty in Tulsidham area, Bharuch for 20 days with the work to ensure that people following rules completely.
- ❖ Along with that, he have joined one local group of Bharuch city, which is active in social activities in area. And he has provided fresh vegetables to policemen from division A,B and C, lived in Bharuch police headquarters.
- ❖ Around 300 houses were provided with vegetables and people were thanking them for their invaluable duty during pandemic.
- ❖ They helped many people by providing blood, plasma, oxygen cylinders and ventilators in different areas of Bharuch, Ankleshwar and Surat.

# Glance of the contribution

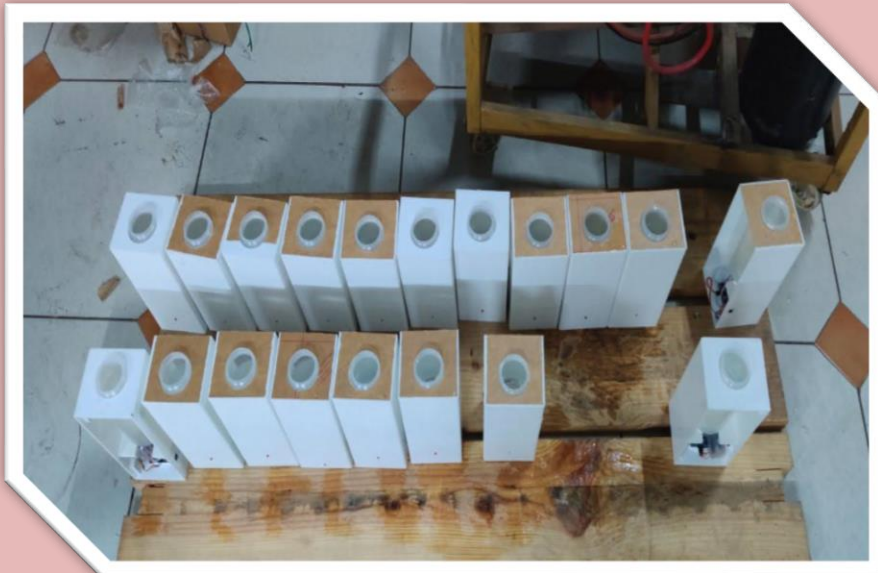


*We share because we care*

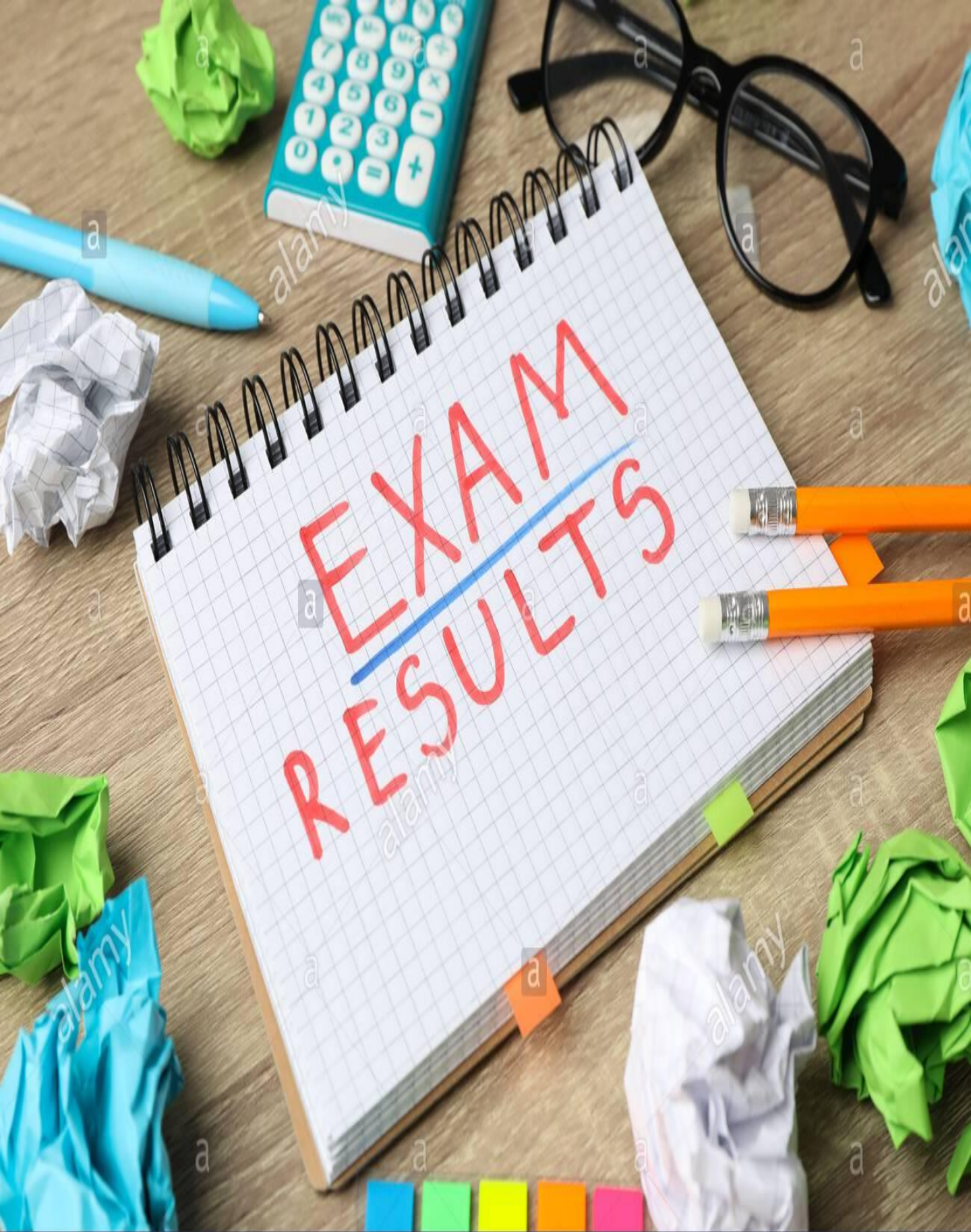
# The usage of Automatic sanitizing machine

- Dishant Prajapati, Sem-6 student of EST along with his friend has made automatic sanitizing machine.
- The sanitizing machine is used in various public places like offices, government offices, schools, Banks, Out of shops, Malls and etc.
- Both have donated this machine in collector office. And further in few government offices.
- The outer body is made from Acrelic material and it was designed to be suitable in every place, with every furniture.
- They made two different capacity machine. The one is 1 liter machine and another one is 2 liter machine. So user can buy the machine as per their usage.
- They sold about 200 units of machine in between May 2020 - July 2020.

# Glance of the contribution



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# 10 Pointers of SEM 7 (Batch 2017) with SPI > 9.5



**Hitarthi Kardani**  
**10 SPI**



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*Shining stars of SEM 7  
(Batch 2017) with SPI > 9.5*

<i>Name</i>	<i>SPI</i>
<i>BHATT MAITRI</i>	<i>9.74</i>
<i>DASHANDI KASHYAP</i>	<i>9.78</i>
<i>HIMANSHU TRIPATHI</i>	<i>9.78</i>
<i>ICHHAPURIA KRISHNA</i>	<i>9.74</i>
<i>KAPADIA JANKI</i>	<i>9.74</i>
<i>KHENI DRASHTIBEN</i>	<i>9.67</i>

*Shining stars of SEM 7  
(Batch 2017) with SPI > 9.5*

<i>Name</i>	<i>SPI</i>
<i>MODI JENCY</i>	<i>9.74</i>
<i>PAREEK AISHWARYA</i>	<i>9.67</i>
<i>PARMAR RIYAKUMARI</i>	<i>9.63</i>
<i>PATEL JAYKUMAR</i>	<i>9.7</i>
<i>PRAJAPATI UNNATI</i>	<i>9.78</i>
<i>RANA VANSHIKABEN</i>	<i>9.67</i>



NATURE  
CLUB

The sign features the word 'NATURE' in large green letters with various leaves and a butterfly as accents. Below it, 'CLUB' is written in colorful letters (red, blue, green, orange) with dashed lines for tracing and a green frog illustration at the end.

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# SAVE BIRDS PROGRAMME

## *AWARENESS PROGRAMME on "Save Birds, Save Life"*

**Date:** 9/1/2021

**Participants:** All Students and  
Faculty/Staff members Of SRICT

**Speakers:** Dr. Hardik Patel, Veterinary  
Officer,  
Veterinary Dispensary, Valia.



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# GLIMPSE OF THE PROGRAMME

vd valia is presenting

4:22 PM

**"Make the public aware of this".**

- ▶ Do not attempt to feed water or food. If the bird appears dehydrated, let the fluids go intravenously at the rescue centre.
- ▶ Please do not pour the water to make the bird move, as this cause "Hyperthermia".
- ▶ Carry out first aid procedures only if required.
- ▶ Do not apply any powder or oil-base applications.

Participants: You, VIRAJ VIRANI, PARTH CHAUDHARI, Dr. Swapnil Rekha Panda, Vivek Kachhodia, ISHA PRADEEPOLMAR JA., KRISHNA PANDYA, MEET DIPAKBHAI BHANUS.

Buttons: Mute, Video Off, Raise hand, Turn on captions, vd valia is presentin...

UPL SRIET Rotary Ankitnagar

**NATURE CLUB OF SRIET, DEPARTMENT OF ENVIRONMENTAL SCIENCE & TECHNOLOGY & INSTITUTION OF ENGINEERS INDIA (IE) STUDENTS' CHAPTER (393135/SRIET/EN) JOINTLY ORGANIZES**

**AWARENESS PROGRAMME**  
On  
**"SAVE BIRDS, SAVE LIFE"**

By Dr. Hardik Patal, Veterinary Officer, Veterinary Dispensary, Valla

Join through the below link on 9<sup>th</sup> January 2020 Time: 4.00 to 5.00 p.m.  
<https://meet.google.com/pvc-mstx-nbv>

Participants: You, vd, A

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# PENCIL ART COMPETITION

Theme: Waste Management  
Awareness

Date: 09-02-2021

Active Participation was  
received from students from  
various departments

**OF C**  
Creating

**SRIC**

**Rotary**  
Ankleshwar

NATURE CLUB OF SRIC, DEPARTMENT OF ENVIRONMENTAL SCIENCE & TECHNOLOGY  
& INSTITUTION OF ENGINEERS INDIA (IEI) STUDENTS' CHAPTER (393135/SRIC/EN)  
JOINTLY ORGANIZES

## Pencil Art Competition

**DONT RECYCLE EVERY DAY!**  
**THROW IT AWAY,**

<https://forms.gle/EvNyve3mPSZTGJwT5>

Theme :  
Waste Management Awareness

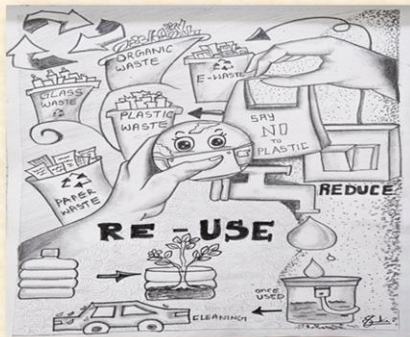
Last Date to Apply:  
9<sup>th</sup> February before 7:00 pm

All the participants and winners will be given e-certificates.

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# GLIMPSE OF THE COMPETITION

**1<sup>ST</sup> POSITION**



Janki Jagani, 8<sup>th</sup> Sem, DEFT

**2<sup>ND</sup> POSITION**



Viraj Patel, 1<sup>st</sup> Sem, CE

**3<sup>RD</sup> POSITION**



Khushboo Patel, 4<sup>th</sup> Sem, DEFT

**3<sup>RD</sup> POSITION**



Mahesh Pal, 1<sup>st</sup> Sem, CE

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# Celebrating

OUR STUDENT  
ACHIEVEMENTS

*discover...*



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# Hearty Congratulations to

## VIRAJ PRANKDA

It's a pleasure to share that Viraj Prankda, a 6th semester student of Departmentt of Environmental Science and Technology has secured **4th place** in Gujarat State level Powerlifting Competition. He carried out Bench Press of 97.5 kg, Squat of 140 kg and Dead Lift of 202.5 kg.



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# *Hearty Congratulations to*

## **BHAGYARAJ MANGROLA**

It's a pleasure to share that Bhagyaraj Mangrola, a 6th semester student of Departmentt of Environmental Science and Technology has secured **2nd place** in Gujarat State level Powerlifting Competition.



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**GET TO  
KNOW YOUR  
FACULTY**



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# **KNOW YOUR FACULTY**



Name of  
Faculty: **Ms.  
Anita Singh**

Qualification:

**M.E (Petrochemical  
Engineering)**

Experience:

**4 years**

Area of interest:

**Reaction Kinetics**

# BIRTHDAYS



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# ***FACULTY BIRTHDATES***

Kartik Iyer  
Darshan Salunke

## ***STUDENT BIRTHDATES***

DEVNANI RAJ, GOHIL RAJ, MERIN ANN,  
PUROHIT DHRUVINI, PATEL MANSIBEN,  
SHAIKH MOINUDDIN, GOSWAMI  
TUSHARGIRI, PATEL KHUSHBOO, JADAV  
ISHA, JOSHI SHIVANI, KALE PRASAD, LAD  
MITULKUMAR, PARMAR  
HARSHVARDHANSINH, SAHADADPURI  
URVASHI, SHAH SHREY, BHATT MAITRI,  
CHOKSI MIRIL, JAGANI JANKI, KHER  
HARDIPSINH, NAIK HETA, PAREEK  
AISHWARYA, PATEL JIRAL, PATEL SMEET

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# ENVIRONMENTAL NEWS

We share because we care

- Airlines could reduce CO2 emissions with better use of wind

- Decaying urban gas lines are fueling global warming

27 Jan 2021  
(Hindustan times)

28 Jan 2021  
(Hindustan times)

03 Feb 2021  
(Hindustan times)

09 Feb 2021  
(Hindustan times)

- Industries outside NCR have major influence on Delhi's air quality: New study

- Uttarakhand glacier disaster highlights climate crisis risks



- How your water heater can be a secret weapon in the climate change fight

- Two-thirds of tropical rainforests destroyed or degraded globally: Data



- World Water Day: PM Modi to launch Jal Shakti Abhiyan on March 22

- India debates zero emission target: What is at stake?



THANK  
YOU

OUR HEALTHCARE HEROES