

**SRICT**



# EARTHY WORTHY

**12<sup>th</sup> issue**  
**JANUARY-MARCH 2020**  
**DEPARTMENT OF**  
**ENVIRONMENTAL SCIENCE &**  
**TECHNOLOGY**



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# EDITORIAL BOARD

BOARD



**Ms. Pratibha Gautam**  
**Asst. Prof**  
**Head of Department**  
**DEST**



**Ms. Bhasha Mehta**  
**Asst. Prof**  
**DEST**



**Mr. Kale Prasad**  
**SEM - IV**  
**DEST**



**Ms. Vanshika Rana**  
**SEM - VI**  
**DEST**



**Ms. Bansari Shah**  
**SEM - VIII**  
**DEST**

**WE SHARE BECAUSE WE CARE**

**We won't have a society if  
we destroy the environment.**

Margaret Mead

We share because we care

# 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 sustainable solutions.”

## 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.

**DEPARTMENTAL**

dreamstime.

**ACTIVITIES**

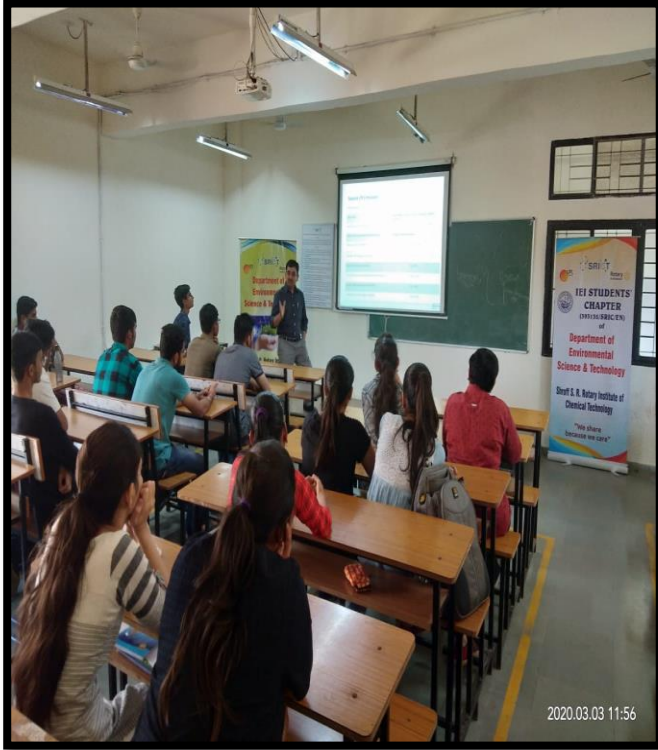
# EXPERT LECTURE



Sr. No.	Semester	Name of Expert	Designation of Expert (With name of industry)	Date
1	4	Rinsu Varghese	Executive(UP L-1)	30/12/19
2	4	Mr. Param Vatsal	CEO (Mahavir Synthesis)	13/1/2020
3	4	Mr.Harshul Parekh	Manager, Facile Maven	6/2/2020
4	4	Mr.Rushi Shah	Head EHS,Intas Pharma	3/3/2020
5	6	Luv Patel	Process Engineer(Galaxy)	8/1/2020
6	6	Chirag Joshi	Head HSE(sanofi)	26/12/2019
7	6	Ms.Sneh Kothari	Director (Ompile Velvette)	16/1/2020
8	6	Mr.Harshul Parekh	Manager, Facile Maven	6/2/2020

Sr. No.	Semester	Name of Expert	Designation of Expert (With name of industry)	Date
9	6	Mr.Kamal Naik	Head HR, Sriram Alkalies Ltd.	15/2/2020
10	8	Ajay Pancholi	Senior Manager(U PL-1)	6/1/2020
11	8	Hitesh Gundaraniya	EIA Audit	30/12/2019
12	8	Mr.Yogesh Dave	Manager(Maldeep Catalyst)	18/2/2020
13	8	Ashok Sir	Senior Manager (GIL)	20/2/2020
14	8	Mr.Kamal Naik	Head HR, Sriram Alkalies Ltd.	15/2/2020

# EXPERT LECTURES



# INDUSTRIAL

# VISIT



<b>Sr. No.</b>	<b>Semester</b>	<b>Name of Industry</b>	<b>Correlated subject</b>
1	4 <sup>th</sup>	Anupam Rasayan	Organic chemistry in industrial process
2	4 <sup>th</sup>	Heubach Colour Pvt. Ltd	Wastewater treatment-1
3	4 <sup>th</sup>	Tagros chemicals India Pvt. Limited	Environmental management-I
4	6 <sup>th</sup>	Globe Enviro Pvt. Ltd.	Environment Management-II
5	6 <sup>th</sup>	BEIL, Ahmedabad	Unit Operations-II
6	6 <sup>th</sup>	BEIL, Ankleshwar	Solid & Hazardous Wastes - Characterization & Treatment

Sr. No.	Semester	Name of Industry	Correlated subject
7	8 <sup>th</sup>	Narmada Clean Tech. (NCT)	Design of Treatment Plants
8	8 <sup>th</sup>	STP, Anjana	Environmental Management-III
9	8 <sup>th</sup>	Pragna Dyechem Pvt.Ltd.	Sustainable Development & Greener Technologies



# *NEERI VISIT OF FINAL YEAR STUDENTS*





# *7<sup>th</sup> REPUBLIC DAY CELEBRATIONS*





**CHIEF GUEST:** Rotarian Anita Kothari Ji ,Vice Chairman of ARES Mr. Ashok Panjwani sir, Mrs. Meera Panjwani, Secretary of ARES Mr. Angiras Shukla, Principal Dr. Shrikant Wagh, Vice Principal Dr. Snehal Lokhandwala, Head of EST Ms. Pratibha Gautam

**COORDINATOR:**Ms.PRATIBHA GAUTAM(HOD,DEST)

**HIGHLIGHTS OF EVENT:** Event included MARCH past, Beautiful Patriotic Songs, Fabulous Group Dance, great Pyramid formation and recognition of students with various prizes and Installation of Incinerator at UPL Hostel.

# GLIMPSE OF REPUBLIC DAY CELEBRATION



**ONE DAY STATE LEVEL SEMINAR**

**ON  
28<sup>TH</sup> FEB**

**ORGANIZED BY**

**DEPARTMENT OF ENVIRONMENTAL  
SCIENCE & TECHNOLOGY**

**ON**

**POLLUTION PREVENTION IN CHEMICAL  
INDUSTRIES**



# *STATE LEVEL SEMINAR*

**ORGANIZER OF THE SEMINAR**

*DEPARTMENT OF ENVIRONMENTAL  
SCIENCE & TECHNOLOGY*

**COORDINATOR**

*MS. PRATIBHA GAUTAM(HOD, DEST)*

**CHIEF GUEST**

**MRITUNJAY CHAUBEY, VP, UPL AND  
DR BHARAT JAIN , MS, GCPC**

**PARTICIPANTS:**

**PARTICIPANTS FROM 22 INDUSTRIES**

**FIRST SEMINAR SUPPORTED BY  
GUJCOST**



# PROJECT REVIEW

## TITLE OF ACTIVITY: PROJECT REVIEW 3

To improve the quality of final year projects, Department of Environmental Science and Technology conducted Project Review 3 on 5th March 2020 which was coordinated by Mr. Manoj Kumar.



**SAMPARK**

**ABHIYAN**





# **PARENTS-TEACHER MEETING**

**DATE OF PTM: 12/03/2020**

**ORGANIZERS OF PTM:**

**Department of Environmental Science & Technology**

**POINTS DISCUSSED :**

**Introduction of departmental faculties and lab assistants.**

**Importance of attendance**

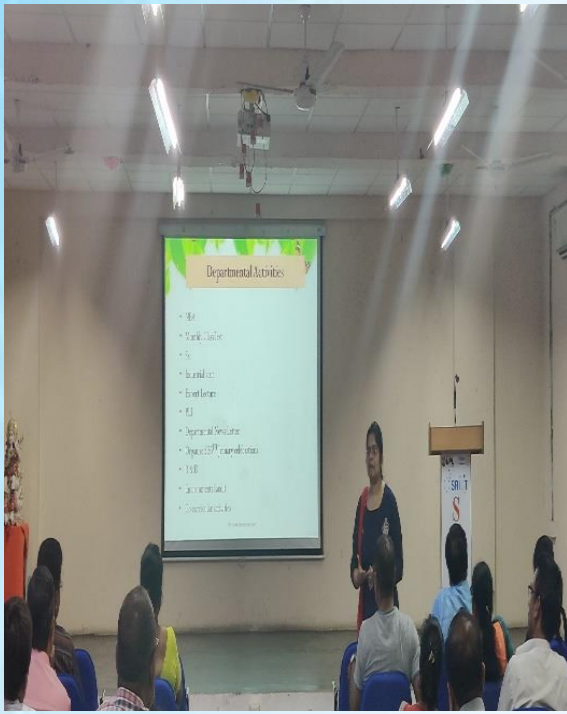
**Discipline**

**Shinning stars of DEST as per recent GTU results.**

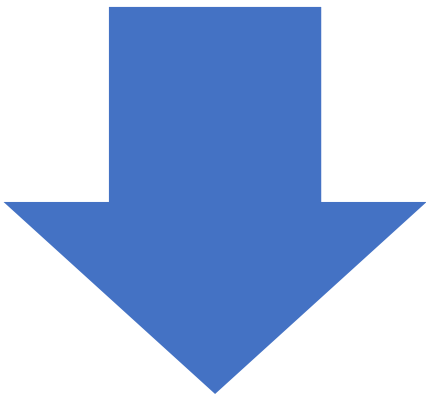
**SUGGESTIONS GIVEN BY PARENTS:**

**Update details of events in parents group**

**Update details of class test in parents group**



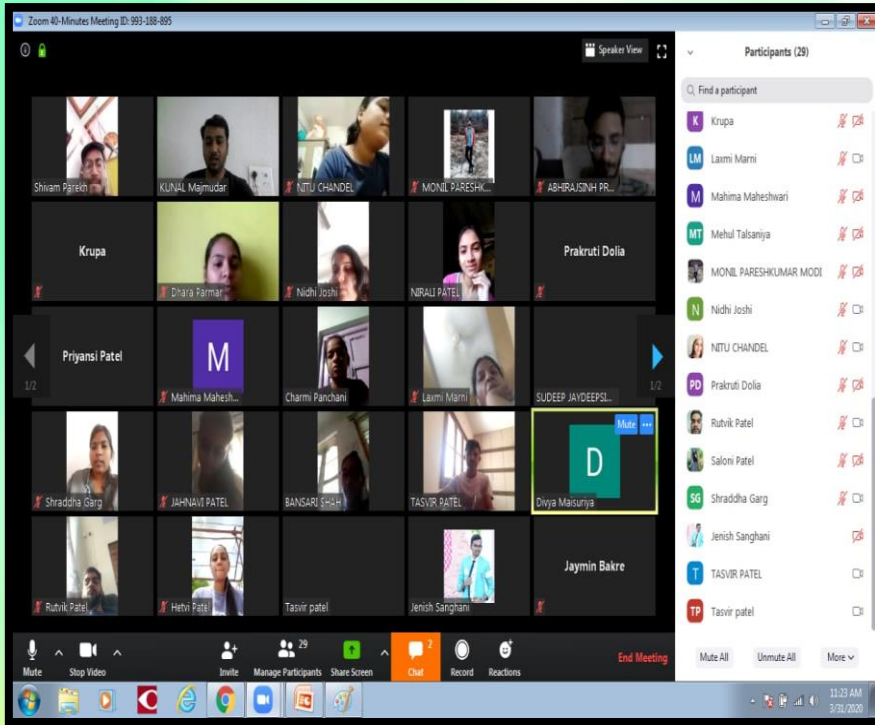
# IMPACT OF COVID 19



**LOCKDOWN**



# ONLINE LECTURES



# OTHER



# ***D2D***

# ***Workshop***



# *D2D WORKSHOP ON ANALYSIS OF WATER/WASTEWATER PARAMETERS*

**Date on which Workshop  
conducted: 20/1/2020**

**Theme of the workshop: Analysis of  
water/wastewater parameters“**

**Coordinator: Ms. Bhasha Mehta**

**Guided by: Ms. Pratibha Gautam (HOD, DEST)**

**Organizers: Department of Environmental  
Science & Technology and Institution of Engineers  
India (IEI) students' chapter 393135 SRIC/EN**



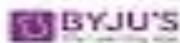


# Career Counselling



&

## SOLID WASTE MANAGEMENT



PAPER



GLASS



ORGANIC



PLASTIC

**Waste Management and Carrier  
Counselling activities were conducted in  
following schools.**

**SVEM,  
ANKLESHWAR**

**VED SCHOOL  
ANKLESHWAR**

**TAXSHILA(GIDC)  
ANKLESHWAR**

**ST.PAUL School,  
ANKLESHWAR**



# **NATURE CLUB ACTIVITIES**

# LET'S TALK

## **ORGANIZERS:**

**Department of Environmental Science and Technology,  
Nature Club of SRICT and The Institution of Engineers  
(India) (IEI) students' chapter (393135/SRIC/EN)**

## **DATE:**

**18/01/2020**

## **COORDINATED BY:**

**Mr. Darshan Salunke**

## **GUIDED BY:**

**Ms. Pratibha Gautam (HOD, DEST), Vice Principal  
Dr. Snehal Lokhandwala and Principal Sir Dr. Shrikant  
Wagh**

## **PARTICIPANTS:**

**Students from different Departments**

# GLIMPSE OF ACTIVITY





# FACULTY ACHIEVEMENT



**Department of Environmental Science and Technology  
had received grant of Rs.50,000/- from GUJCOST for  
conducting STATE LEVEL SEMINAR  
ON  
'PREVENTION OF POLLUTION IN INDUSTRY'  
ON  
28<sup>TH</sup> FEBRUARY, 2020**

**GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY**

**Department of Science & Technology, Government of Gujarat**

Block : B, 7th Floor, M. S. Building, Nr. Pathikashram, Sector-11,  
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : [info-gujcost@gujarat.gov.in](mailto:info-gujcost@gujarat.gov.in)

URL : [www.gujcost.gujarat.gov.in](http://www.gujcost.gujarat.gov.in)



सत्यमेव जयते



**Dr. Narottam Sahoo**  
Advisor & Member Secretary

GUJCOST/Seminar Grant 2734/2019-20/4737

8<sup>th</sup> January, 2020

**Prof. Pratibha Gautam**  
Shroff S. R. Rotary Institute of Chemical Technology,  
Environment Science & Technology Department,  
block No- 402, Ankleshwar- Valia Road,  
Bharuch- 393135

Sub: Financial Support of GUJCOST for the programme on "Pollution Prevention in Industry"  
Ref: Your proposal, dated 13<sup>th</sup> December, 2019

Dear Sir,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to above, it is our pleasure to inform you that your proposal for holding the "Pollution Prevention in Industry " during 28th February, 2020 has been considered for the financial support of GUJCOST.

GUJCOST, is in principle approved an amount of Rs. 50, 000 /- (Rupees fifty Thousand only) for this programme on the following terms and conditions.

1. If you change the venue, date and speakers or proposed resource person then please, intimate to GUJCOST.
2. The programme will be organised as per the proposal and guidelines of GUJCOST for the grant.
3. GUJCOST will release the sanctioned amount after the completion of the programme and on receipt of the programme report, Utilization Certificate, list of participants, statement of income & expenditure copy of vouchers, photographs, press notes, etc. with necessary stamp and signature of the Programme Coordinator and Head of the Institute.
4. The organiser should send one illustrative poster including the title of the programme, dates, venue and other information details in one-week advance to publish on GUJCOST website and social media for broader outreach.
5. The organiser shall acknowledge the support of GUJCOST, DST, and Govt. of Gujarat in all the publications including poster, brochure, banner, backdrop, invitation card, press release, souvenir and proceedings.
6. The organiser shall invite the DST, Govt. of Gujarat institutions as Resource Person / Expert Member as per the subject matter concern.
7. Once the programme is over, the organiser shall submit the program report, statement of expenditure and Utilization Certificate within one month of completion of the programme.

We once again thank you for your kind effort and interest in organising the programme and wish the programme a grand success.

Thank you and with best regards.

Yours sincerely,

  
(Narottam Sahoo)

# *MEMORANDUM OF UNDERSTANDING BETWEEN GCPC & SRICT*

***Name of Company with which MOU signed:***

Gujarat Cleaner Production Centre(GCPC)

***Objective of MOU:***

To promote knowledge sharing and technology developments.

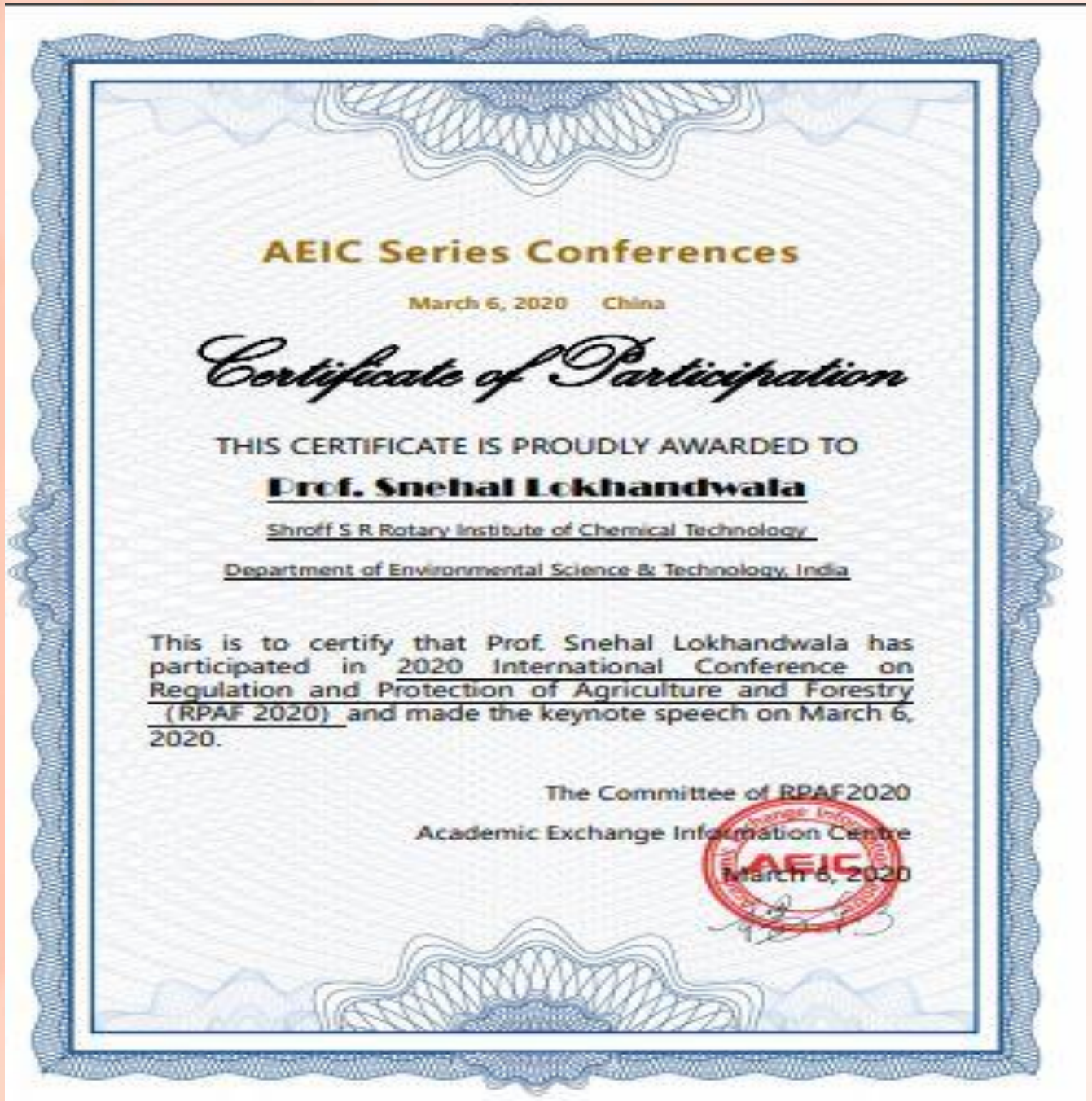
Date:



Ms. Pratibha Gautam(HOD, DEST) and Ms. Bhasha Mehta(Asst. Professor, DEST) have completed first round of INDSRICT and were felicitated by Ms. Sandra Shroff(Chairman, ARES,SRICT) for the same.



**Professor Snehal Lokhandwala delivered online lecture on "Heavy Metal Tolerance: A Phytosyabilization Approach by *Funneliformis Mosseae* Mbal to Alleviate Heavy Metal Stress in Chemical Contaminated Soil" at International Conference on Regulation and Protection of Agriculture and Forestry (RPAF 2020) on 6th March 2020.**



- To overcome from covid-19, hand sanitizer SRICTIZER was prepared by Dr. Snehal Lokhandwala(Vice Principal) and DEST Faculty along with Pintu Prasad which was very helpful to all including housekeeping staff



# ***STUDENT ACHIEVEMENT***

# PARTICIPATION OF EST STUDENTS IN HACKATHON

Students of Department of Environmental Science and Technology had participated in Hackathon with different projects as follows.

**Project Name: Solid waste mgt of valsad city**

***Participants:***

Maisuriya Divyaben Bipinbhai(Sem 6)

Himanshu Tripathi(Sem6)

Kardani Hitarthi Vijaykumar(sem 6)

**Project Name: Color removal from effluent**

***Participants:***

Patel Jaykumar Prakashbhai

**Project Name: Plastic to diesel converter**

***Participants:***

Kale Prasad Vilas

Gandhi Het Bhavikkumar

# GLIMPSE OF PARTICIPATION





# GLIMPSE OF FELICITATION OF 6<sup>TH</sup> SEM BATCH 2017

ભરૂચની SRAICT દ્વારા તેજસ્વી વિદ્યાર્થીઓનાં સન્માન સમારોહનું આયોજન કરવામાં આવ્યું



DEST 6TH  
SEM  
STUDENTS

ભરૂચ | શ્રોફ એસ. આર. રોટરી ઈન્સ્ટીટ્યુટ ઓફ કેમિકલ ટેકનોલોજી દ્વારા શિયાળુસત્ર 2019 માં GTU દ્વારા લેવાયેલી પરીક્ષામાં 85 ટકાથી વધુ ટકા મેળવનાર તેજસ્વી તારલાઓનો સન્માન કરવાનો કાર્યક્રમ યોજવામાં આવ્યો હતો. જેમા B.E. સેમિસ્ટર-5 અને M.E. સેમિસ્ટર-1 ના 84 વિદ્યાર્થીઓનું સન્માન કોલેજના પ્રમુખ સાન્દ્રા શ્રોફ અને ઉપપ્રમુખ અશોક પંજવાણી દ્વારા કરવામાં આવ્યું હતું. આ કાર્યક્રમમાં બી.ડી. દલવાડી, પી.એન. પર્મેશ્વરણ, ડો. શ્રીકાંત જે. વાઘ અને ઉપ આચાર્ય ડો. સ્નેહલ લોખંડવાલા, શિક્ષકગણ અને સ્ટાફગણ હાજર રહ્યા હતા. વિદ્યાર્થીઓને તેમના મેળવેલ ગુણ મુજબ રૂ. 3000 થી રૂ. 20,000 સુધીની રોકડ રકમ તેમજ સર્ટીફિકેટ આપીને તેઓનું સન્માન કરવામાં આવ્યું હતું.

Student of semester 4, Department of Environmental Science and Technology had passed the exam of International Institute of Fitness Excellence and Management held on 10th February 2020 and was certified as "Personal Trainer" by IIFEM Delhi after completing the training at international level in the month of November 2019.



# Glimpse of FELICITATION OF 7<sup>TH</sup> SEM BATCH 2016



**GOLD MEDALSIT  
MAHIMA  
MAHESHWARI  
8<sup>th</sup> semester(DEST)**

# NEWS

# **MICROSOFT PREPARES GOAL FOR SAFE ENVIRONMENT BY 2030**

**(Source:greencleanguide.com)**

**(Date:1<sup>st</sup> February 2020)**

# **BY IGNORING CLIMATE EMERGENCY, WORLD LEADERS ARE FORCING CHILDREN TO ACT: GRETA THUNBERG**

**(Source: The Economic Times)**

**(Date: Feb 28,2020)**



# **SURVEY TO MAP HIMALAYAN SPRINGS SOON**

**(Source:The Economic Times)**

**(Date: Jan 29,2020)**





# ***Buddies***

# FACULTY BIRTHDATES

**Mr. Darshan Salunke**

## STUDENT BIRTHDATES

***PARMAR HARSHVARDHANSINH  
BHATT MAITRI SHANKARKUMAR  
CHOKSI MIRIL MAHESHKUMAR  
CHANDEL NITU***

***MEHTA ARPIT***

***JADAV ISHA PRADEEPAKUMAR***

***JOSHI SHIVANI DILIPBHAI***

***KALE PRASAD VILAS***

***PATEL SALONIKUMARI***

***SANIYAWALA MANAV***

***SHUKLA SHUBHANGINI YOGENDRAKUMAR***

***SINGH JUHITA***

***ADWAITHA***

***PATEL DISHA VITESHKUMAR***

***SAHADADPURI URVASHI KAMLESHKUMAR***

***JAGANI JANKI CHIMANBHAI***

***NAIK HETA AMITBHAI***

***PAREEK AISHWARYA BHARATKUMAR***

***PATEL JIRAL KANTIBHAI***

***PATEL SMEET KALPESHBHAI***

