

EARTHY WORTHY

14th issue

JULY-SEPTEMBER 2020



***DEPARTMENT OF ENVIRONMENTAL
SCIENCE & TECHNOLOGY***

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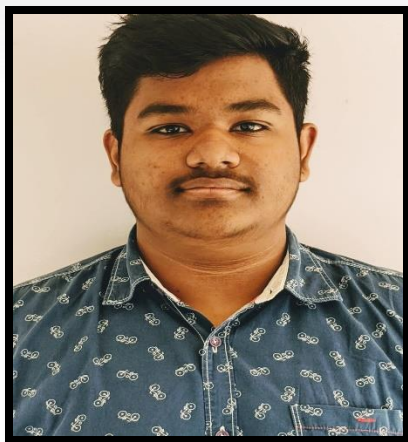


Pratibha Gautam
Head-DEST



Amishi Popat
Asst. Prof, DEST

EDITORIAL BOARD



Mr. Purusattam Das
SEM - III



Mr. Kale Prasad
SEM - V



Ms. Vanshika Rana
SEM - VII₃

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 ACTIVITIES

EXPERT LECTURE



We share because we care

Sr. No.	Semester	Name of Expert	Designation of Expert (With name of industry)	Date
1	5 & 7	Mr.Girish Purohit	EHS Head(Zentiva)	05/7/2020
2	3 & 5	Mr. Dilip Bera	Senior Environmental manager(Vedanta)	19/7/2020
3	5 & 7	Mr. Ajay Pancholi	Senior Manager(UPL-1)	09/8/2020
4	5	Mr.Hemat Purohit	DGM(BEIL)	15/8/2020
5	3, 5 & 7	Ms.Vishani Vora	HOD(RECICLAR)	16/8/2020
6	7	Mr. Parameswaran Moothathu	Advisor, BEIL, Ankleshwar	05/9/2020
7	3 & 5	Mr. Ambesh Tripathi	Environment Engineer, Gujarat Alkalies and Chemicals Ltd.	12/9/2020
8	7	Mr. Vaibhav Mehta	Project Manager,Chokhavati a Associates	29/10/2020

GLIMPSE OF THE LECTURE

Waste Water Treatment

- The treatment scheme should be selected based on effluent characteristics, discharge norms or ZLD requirements
- For implementing ZLD, segregation of effluents streams and proper treatment is important
- In India, marine outfall norms are notified on 01.01.2006. Accordingly COD= 500 mg/l, BOD = 100 mg/l, Ammonical Nitrogen= 50 mg/l can be allowed for treated effluent discharge from CETP. There is no limit given for TDS/Chlorides. Not applicable for ETPs

Regulatory To control exceedance and maintain continuity by framing rules

Mandatory Something which can't be overlooked. Can be legal requirement or requirement of higher authority or management.

Statutory Laws that are enacted by a legislative body. Statutory laws vary from regulatory or administrative laws that are passed by executive agencies

Obligatory Can be a rule of company or even moral responsibility.

BEIL E-WASTE RECYCLING PROCESS

STEP 1 DATA SECURITY & SAFE DATA DESTRUCTION

STEP 2 SEGREGATION BY TYPE OF e-WASTE, SORTING AND DISMANTLING

STEP 3 RECYCLING & RECOVERY OF METALS & NON-METALS

INDUSTRIAL VISIT



We share because we care

Sr. No.	Semester	Name of Industry	Date
1	3	ALDOC Pharmaceutical Pvt Ltd, Kota	19/07/2020
2	7	M/s. Digvijay Prints, Rajkot	25/07/2020
3	5	Dinapur STP, Varanasi	26/07/2020
4	3	Plastic waste recycling Plant at Amit Plastics, Nagpur	22/08/2020
5	5	Rice Mill, Chandigarh	22/08/2020
6	7	Murliwala Industries, Balotra Rajasthan	05/09/2020
7	7	STP, Jaipur	19/09/2020
8	3	SNJ Breweries Pvt. Ltd, Chennai	26/09/2020

GLIMPSE OF THE VISIT



We share because we care

TIME FOR
REVIEW

ONLINE PROJECT REVIEW

DATE: 4/9/2020 & 9/10/2020

REVIEWED BY:
All faculties of DEST

DELIVERED BY:
All students of different groups of 7th
semester of department of environmental
science and technology

COORDINATED BY:
Mr. Kunal Majmudar under the guidance
of HOD, Ms. Pratibha Gautam

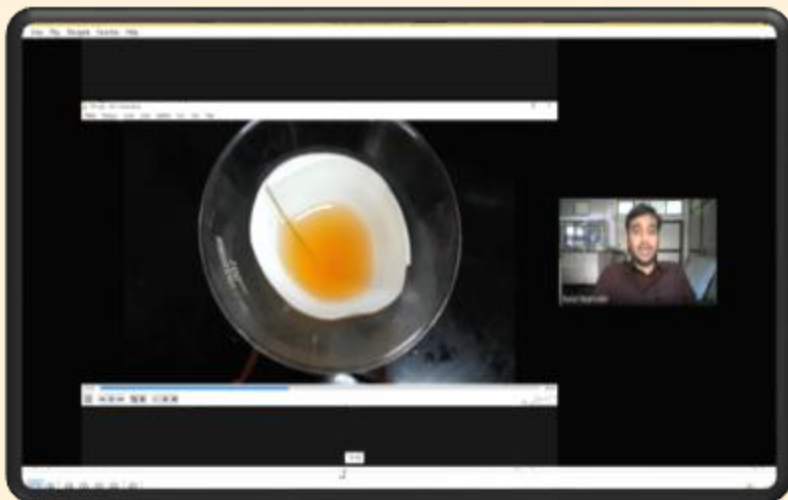
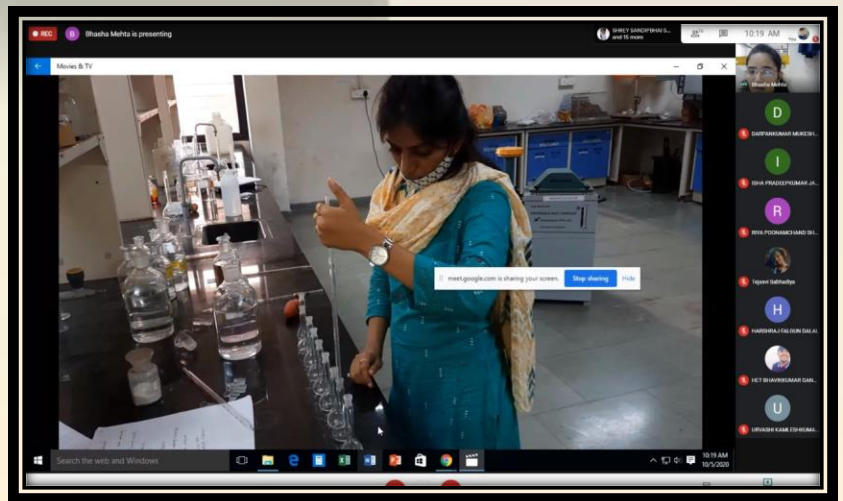
ONLINE PRACTICALS



Sr. No.	Semester	Name of Subject	Name of Faculty	No. of Practical Performed
1	3	MOS	Samik Bhatt	4
2	3	BUO	Anita Singh	5
3	3	EM-1	Amishi Popat	5
4	3	ETC	Vinitha Vakkayil	3
5	5	WWT-II	Kunal Majmudar	5

Sr. No.	Semester	Name of Subject	Name of Faculty	No. of Practical Performed
1	5	APC	Bhasha Mehta	5
2	5	EFM	Kartik Iyer	4
3	7	DAQM	Kunal Majmudar	5
4	7	ERE	Kartik Iyer	4

GLIMPSE OF THE PRACTICALS



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ONE-TO-ONE MEETINGS



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Date : 31th August 2020

In the presence of Respected Principal Dr. Shrikant J. Wagh, Vice Principal Dr. Snehal Lokhandwala, Ms. Pratibha Gautam (HOD, EST) & Mr. Kunal Majmudar, Online one to one meeting was organized for 7th semester students

Commitment by students

SPI	No of Students
10	25
9.5 – 9.99	7
9 – 9.49	6
8.5 – 8.99	3
Total	41

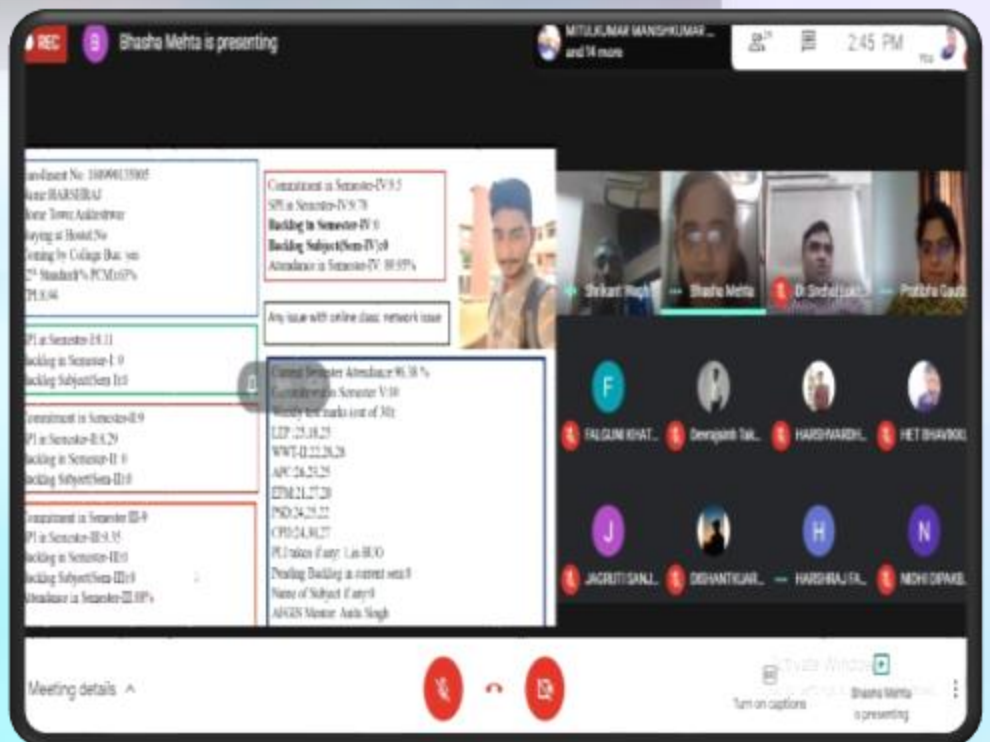
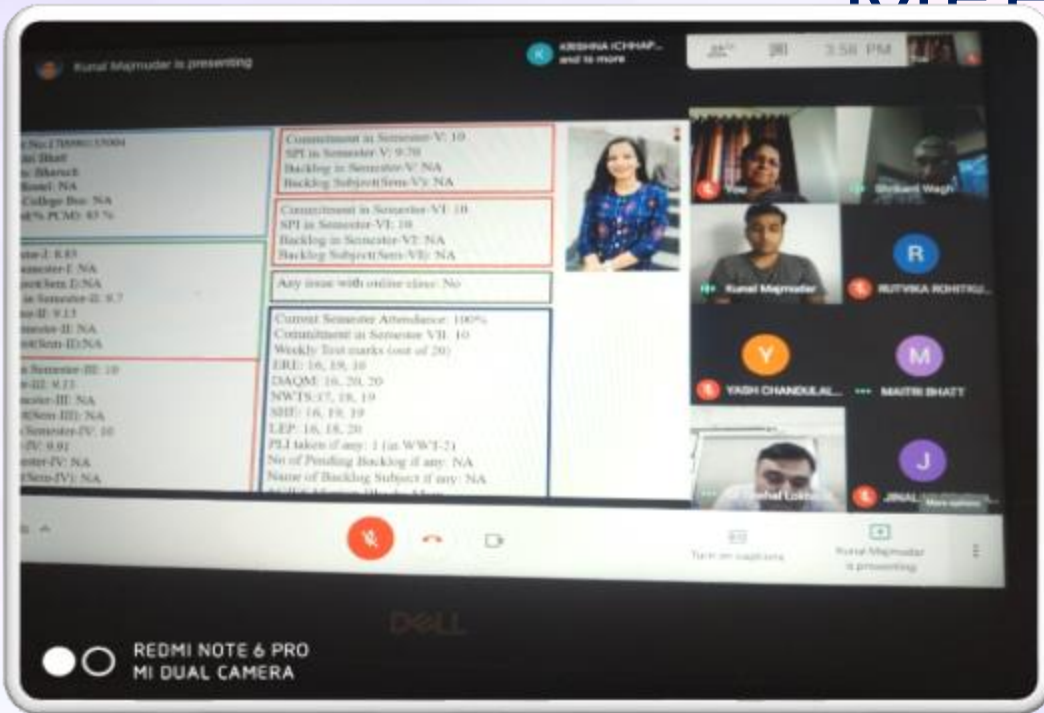
Date : 10th September 2020

In the presence of Respected Principal Dr. Shrikant J. Wagh, Vice Principal Dr. Snehal Lokhandwala, Ms. Pratibha Gautam (HOD, EST) & Ms. Bhasha Mehta, Online one to one meeting was organized for 5th semester students

Commitment by students

SPI	No. of Students
10	7
9.5	10
9.0	7
8.5	2
8	0
7.5	2
7	2
Total No. of students	30

GLIMPSE OF THE MEETING



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ANIL AGARWAL ENVIRONMENT TRAINING INSTITUTE

(A Unit of Centre for Science and Environment)

CERTIFICATE OF PARTICIPATION

Online Training on
WATER AUDIT AND CONSERVATION IN INDUSTRIES

This is to certify that Mr. / Ms. **DARSHAN SALUNKE** has
participated in the training programme on “**Water Audit and Conservation in Industries**”
organised by the Centre for Science and Environment, New Delhi from **20th July to 2nd August, 2020.**

With best wishes,



Sunita Narain
Director General



Centre for Science and Environment
41, Tughlakabad Institutional Area
New Delhi-110 062 INDIA



Certificate of Participation

This Acknowledges That

"Bhasha Mehta"

Has Participated in the Webinar On

"Green Technology on CETP ZWD, ZLD"

Held On "03 September 2020"

Director General

Sh. K.D. Bhardwaj
Regional Director

Certificate No :N648P03C109015W249



CELEBRATION OF INDEPENDENCE DAY

DATE : 15-08-2020

PARTICIPANTS:

Members from Rotary, Principal- SRICT, Vice Principal- SRICT, HODs, Faculty members, staff members and students.

Events :

Celebrations included Flag Hoisting followed by online cultural programs having dance performance, music and singing by the Students and Alumni of SRICT.

ORGANIZED BY:

**DEPARTMENT OF
ENVIRONMENTAL SCIENCE &
TECHNOLOGY**

GLIMPSE OF THE EVENT



We share because we care

GLIMPSE OF THE EVENT





OTHER

ACTIVITIES

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FACULTY DEVELOPMENT PROGRAMME



FACULTY
LEARNING
PROGRAM

RECORD OF FDP

Sr. No.	Name of Faculty	Duration of FDP
1	Kunal Majmudar	7 Sep – 11 Sep 2020
2	Manoj Kumar	14 Sep – 18 Sep 2020
3	Vishakha Patel	14 Sep – 18 Sep 2020
4	Manoj Kumar	21 Sep – 25 Sep 2020
5	Kunal Majmudar	21 Sep – 25 Sep 2020
6	Vishakha Patel	21 Sep – 25 Sep 2020
7	Amishi Popat	21 Sep – 25 Sep 2020
8	Darshan Salunke	21 Sep – 25 Sep 2020
9	Bhasha Mehta	21 Sep – 25 Sep 2020
10	Anjali Nair	21 Sep – 25 Sep 2020

Online training course by Indian Institute of Remote Sensing-IIRS-ISRO

DATE: 3rd to 7th August 2020

COURSE NAME:

**Remote Sensing Applications in
Agricultural Water Management**

COURSE OVERVIEW:

The course covered Remote sensing of irrigated crop area mapping and irrigation crop water requirement, Remote sensing of regional crop evapotranspiration estimation, UAV and advanced remote sensing for agricultural water management

PARTICIPANTS:

52 Students from DEST

COORDINATED BY:

Mr. Darshan Salunke under the guidance
of HOD, Ms. Pratibha Gautam



सत्यमेव जयते

भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING

भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION

अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



बहिः परिसर संपर्क/विस्तार कार्यक्रम प्रमाण पत्र

OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR6337742020

संस्थान की सहभागिता का प्रमाण पत्र
CERTIFICATE OF PARTICIPATION OF INSTITUTE

यह प्रमाणित किया जाता है कि **श्रॉफ स. र. रोटरी इंस्टिट्यूट ऑफ़ केमिकल टेक्नोलॉजी (डिपार्टमेंट ऑफ़ एनवायनमेंटल साइंस एंड टेक्नोलॉजी)** ने भारतीय सुदूर संवेदन संस्थान, इसरो देहारादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम **“सुदूर संवेदन अनुप्रयोगों से कृषि जल प्रबंधन ”** में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 03 अगस्त, 2020 से 07 अगस्त, 2020 तक किया गया।

This is to certify that **Shroff S. R. Rotary Institute of Chemical Technology (Department of Environmental Science & Technology)**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on **“Remote Sensing Applications in Agricultural Water Management”**. This online programme was conducted during August 03, 2020 to August 07, 2020.

दिनांक/ Date: 24-09-2020

देहारादून/ Dehradun

प्रमुख,

नियोक्ता सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग

Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,

भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह

Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

***NATURE
CLUB
ACTIVITIES***



PHOTOGRAPHY COMPETITION

DATE: 29 August 2020

THEME:

Biodiversity

PARTICIPANTS:

**105 students from various
department of SRICT**

ORGANIZED BY:

Nature Club of SRICT, Department
of Environmental Science &
Technology & Institution of
Engineers India (IEI)

EVENT COORDINATED BY:

*Ms. Bhasha Mehta under the
guidance of HOD, Ms. Pratibha
Gautam*

GLIMPSE OF THE COMPETITION

1st Position
VirajSinh Chauhan
Environmental Science & Technology



2nd Position
Rushil Vaghasiya
Chemical Engineering



3rd Position
Tasvir Patel
Environmental Science & Technology



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STUDENT ACHIEVEMENT

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Shroff S.R.Rotary Institute of Chemical Technology

Certificate

Awarded

To

HITARTHI KARDANI

For Securing First Position in

Slogan Competition: "WAR AGAINST COVID 19"

organized by : FIVE S Activity, SRICT

Date: 14-9-2020

P.J.Naik

**DR. PURVI J NAIK
FIVE S COORDINATOR, SRICT**

Dr. Shrikant J Wagh

**DR. SHRIKANT J WAGH
PRINCIPAL, SRICT**



Certificate of Appreciation

Shroff S. R. Rotary Institute of Chemical Technology

This certificate is awarded to

Purusattam Das

for securing _1_ position in Photography Competition on theme "Biodiversity" jointly organized by Department of Environmental Science & Technology, Nature Club of SRICT & Institution of Engineers India (IEI) students' chapter 393135(SRIC/EN)IEI on 29th August 2020



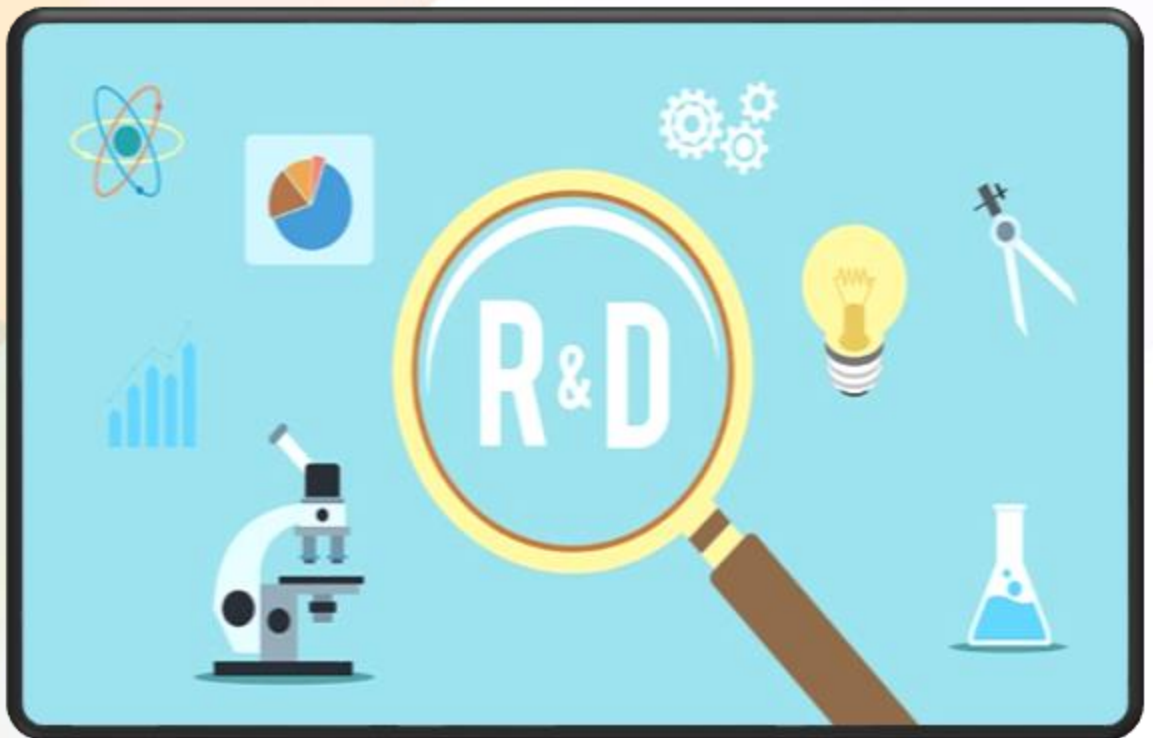
Bhasha Mehta
Event Coordinator
DEST, SRICT

Pratibha Gautam
Nature Club Coordinator
HOD, DEST, SRICT

Snehal Lokhandwala
Vice Principal,
SRICT

Shrikant Wagh
Principal,
SRICT

RESEARCH & DEVELOPMENT



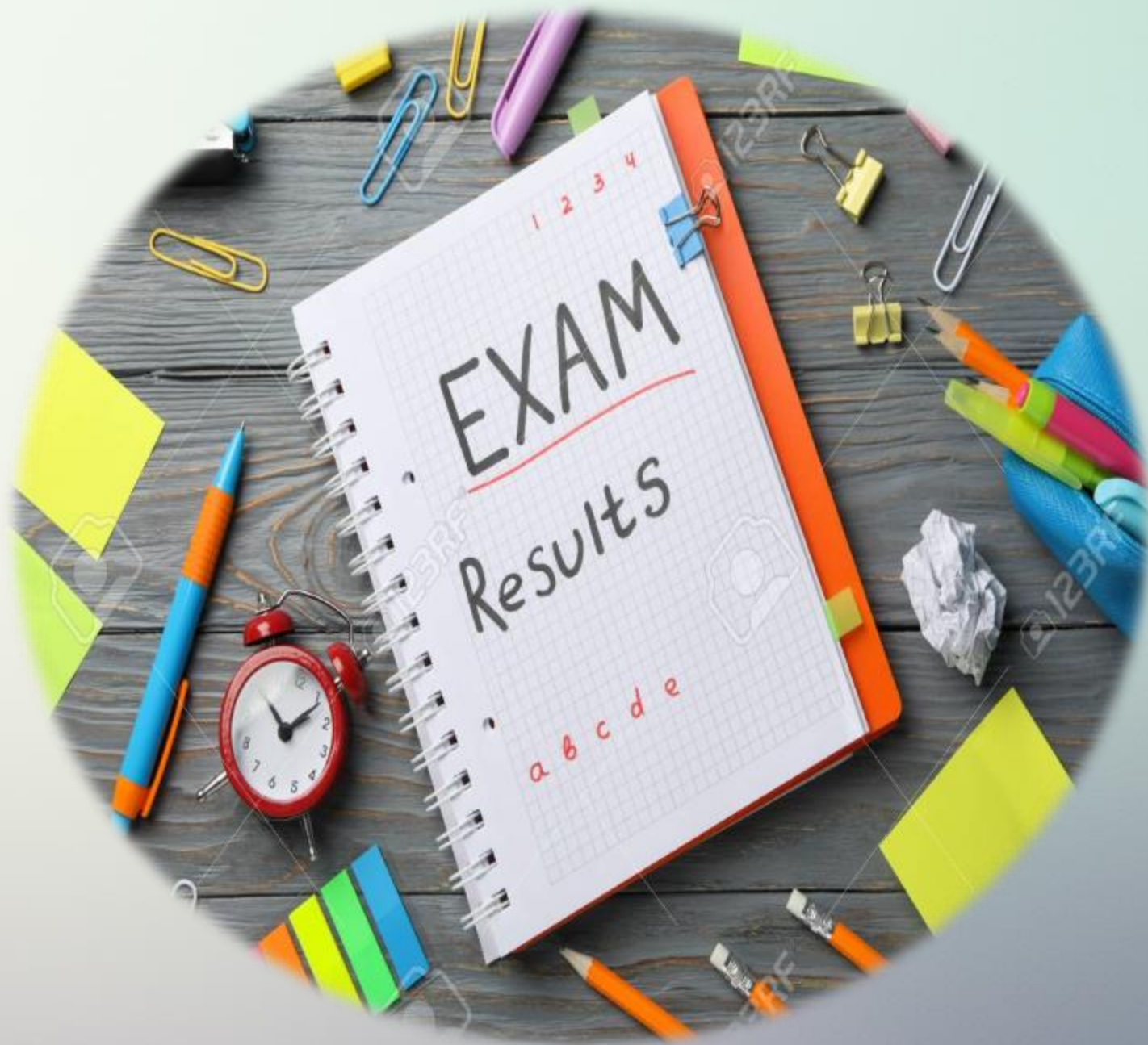
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- ❖ Mr. Kunal Majmudar from Environmental Science & Technology Department has enrolled in PhD from Gujarat Technological University.

**BEIL Infrastructure Ltd.
Sponsored R&D project of
making Paver Blocks using
Plastic waste.**

- ❖ Investigators are Ms. Pratibha Gautam and Mr. Darshan Salunke.
- ❖ The project commenced in the month of September with the objective of achieving 30 N/mm² compression strength.
- ❖ Time span of the allotted project was of 4 months. The investigators have achieved the compression strength of 39.11 N/mm² against the said objective.



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SHROFF S.R. ROTARY INSTITUTE OF CHEMICAL TECHNOLOGY

10

POINTERS

GTU Results Summer 2020

B.E. 4TH SEM



Prasad Kale

SPI 10

CPI 9.31

Environmental Sci. & Tech.



Nidhi Bhavsar

SPI 10

CPI 8.94

Environmental Sci. & Tech.

Shroff S.R. Rotary Institute of Chemical Technology

B.E. 8th Semester GTU Results Summer 2020

Congratulations....

Phase
1, 2 & 3

2 students
in University TOP 10
as per CPI

05

2
100%
Students
Secured
Distinction

1
SRICT
Results
100%

3
94.50%
Students
Scored
SPI>8.5

04
4 students
in University TOP 10
as per CGPA



Bansari Shah

CGPA 9.87

3rd Rank in University

(Phase 2)

EST



Mahima Maheshwari

CGPA 9.83

8th Rank in University

(Phase 1)

EST

GET TO
KNOW
YOUR FACULTY

LOOK FACULTY

We share because we care

KNOW YOUR FACULTY



Name of Faculty:

Ms. Divya Lad

Qualification:

M.E (Environmental Engineering)

Experience:

2.6 years

Area of interest:

Water & Wastewater Treatment Technologies

BIRTHDAYS



FACULTY BIRTHDATES

PRATIBHA GAUTAM

KUNAL MAJMUDAR

ANJALI NAIR

DIPALBA RAVALJI

STUDENT BIRTHDATES

CHAUDHARI NIRMABEN DEVRAMBHAI

GANDHI HET BHAVIKKUMAR

LUNAGARIYA BANSARI CHIMANBHAI

PATEL RAJ RAKESHBHAI

PRAJAPATI DISHANTKUMAR

DHANSUKHBHAI

BHALIYA RUTVIKA ROHITKUMAR

GOHIL DIVYAJITSINH HARENDRASINH

KAPADIA JANKI VIPULKUMAR

LAD ISHA MANOJ

MODI JENCY CHETANKUMAR

PRANKADA VIRAJ SINH JAYDEV SINH

TANDEL GUNJAKUMARI HARILAL

PATEL PRIYA ALPESHKUMAR

PATEL DARPANKUMAR MUKESHBHAI

NEWS

The word "NEWS" is rendered in large, white, three-dimensional block letters. Each letter is suspended from the top by a thin white string that passes through a small hole at the top of the letter. The letters are arranged in a slightly staggered, overlapping manner, giving a sense of depth. The background is a solid, vibrant teal color.

We share because we care

‘70% of our planet is oceans – Maybe we should call it Planet Ocean instead of Planet Earth’

**(Source: Times of India)
(Date: 4 July, 2020)**



Link our rivers: India is heading for a grave floods and water crisis

**(Source: Times of India)
(Date: 3 Aug, 2020)**



Welcome Initiatives To Curb Emissions

(Source: Times of India)
(Date: 29 August, 2020)



The Draft EIA Notification 2020 protects both environment and jobs. Its critics are barking up the wrong tree

(Source: Times of India)
(Date: 10 September, 2020)



Thank you!



"Go green, Think green"

