



NEWSLETTER



**EARTHY
WORTHY**

Department of Environmental Science & Technology

Monthly Recap

- ⇒ Departmental
- ⇒ Activities
- ⇒ Other Activities
- ⇒ Achievements
- ⇒ Know your Faculty
- ⇒ Know your Alumni
- ⇒ Birthdays

In this Issue

- ◆ Monthly Recap
- ◆ Environmental news



Editorial Board



Pratibha Gautam
Head-DEST



Amishi Popat
Asst. Prof, DEST



Ms. Zeel Desai
SEM-IV



Mr. Purusattam Das
SEM - VI



Mr. Kale Prasad
SEM - VIII

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

Mission

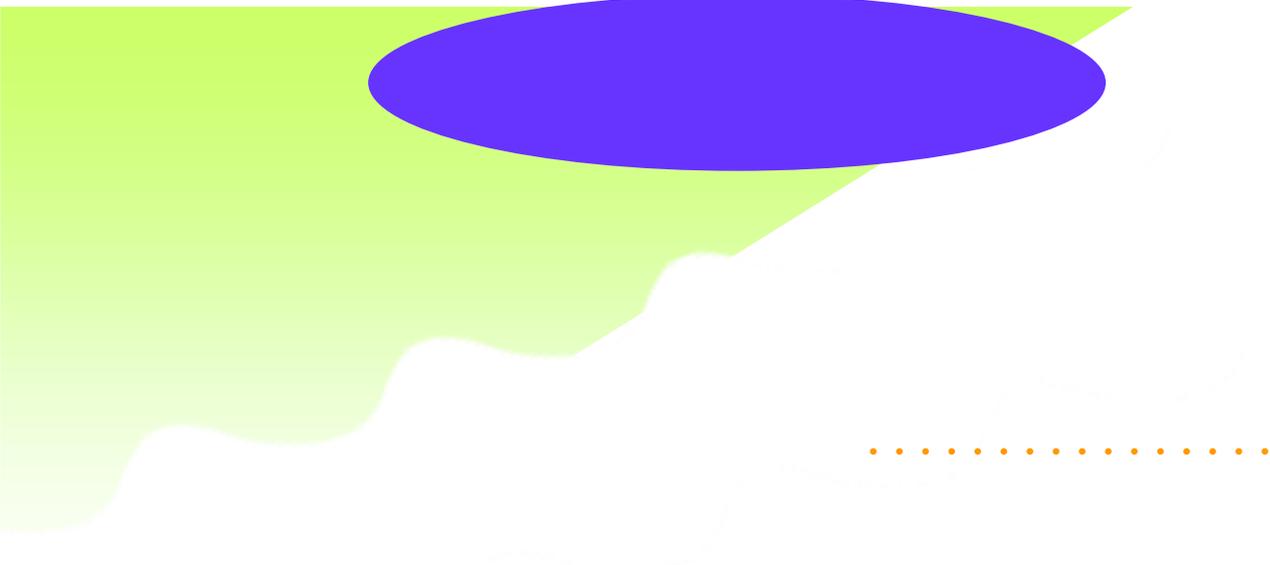
- ❖ To prepare an innovative curriculum with a holistic approach of continual improvement in order to address environmental challenges.*
- ❖ To Impart sound scientific and technical knowledge in environmental management.*
- ❖ To Orient students to analytical techniques by offering state of art laboratories 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.*

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Department of Environmental Science & Technology

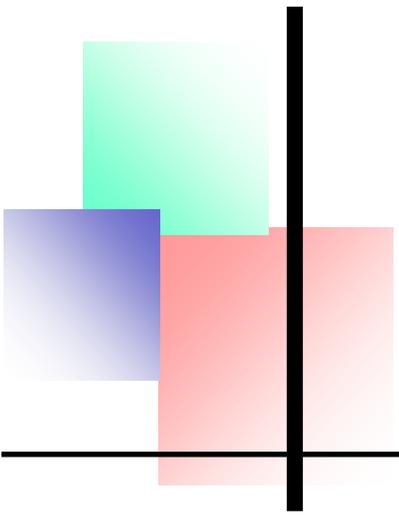
Program Educational Objectives

- 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.



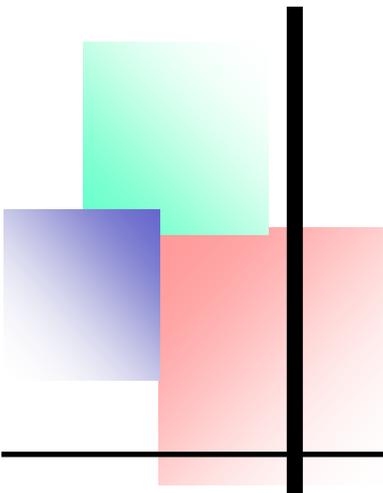
Departmental Activities

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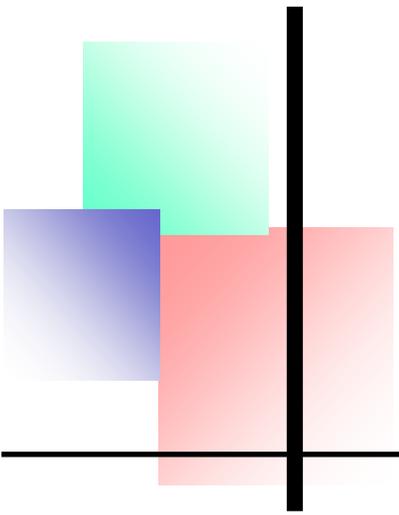
EXPERT LECTURE

Sr. No.	Name of Expert	Designation of Expert (With name of industry)	Date
1	Mr. Keval Patel	GET, Project Purchase	01/01/2022
2	Mr. Shubam Shah	Safety officer (BEIL)	8/01/2022
3	Mr. Purvesh Soni	Environment Engineer, UPL	12/01/2022
4	Ms. Varsha Pargat	Freelance Auditor	15/1/2022
5	Mr. Amit Thakkar	Scientist, CPCB	22/1/2022



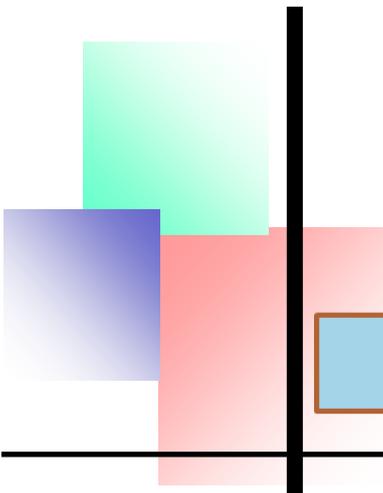
EXPERT LECTURE

Sr. No.	Name of Expert	Designation of Expert (With name of industry)	Date
6	Mr. Mehul Salokhe	EHS Manager, Deccan Fine Chemicals	27/1/2022
7	Mr. Dhavalkumar Raval	(EHS Manager, Deccan Fine Chemicals)	27/01/2022
8	Dr. G.H Thanki	Director, Corrosion Control & Monitoring Consultancy	19/2/2022
9	Ms. Unnati Prajapati	R& D Officer, BEIL	19/3/2022
10	Ms. Brinda Patel	Senior Environmental Officer	21/3/2022



EXPERT LECTURE

Sr. No.	Name of Expert	Designation of Expert (With name of industry)	Date
11	Mr. Chandan Sarkar	MD, Zero Discharge System	23/3/2022
12	Mr. Yann Busnel	Head, SRCD	31/3/2022
13	Mr. Manoj Kamaliya	DGM,GFL	31/3/2022
14	Mr. Sanjay Kumar	Senior Manager ,UPL-5	31/3/2022



GLIMPSE OF THE EXPERT LECTURE



**Lecture by Dr. G.H Thanki
Director, Corrosion Control & Monitoring
Consultancy
on 22.02.2022**



**Lecture by Mr.Chandan Sarkar
MD,Zero Discharge System on
23.3.2022**

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Industrial Visits

Sr. No.	Sem	Name of Industry	Date
1	SEM 3 (PG-EM)	CETP, NCT, DELHI	15/01/2022
2	SEM 1 (PG-EM)	CETP, Vapi	15/01/2022
3	SEM 6 (BE)	BEIL Infra-structure Limited, Dahej	17/01/2022
4	SEM 1 (Diploma)	Effluent treatment at CETP, Ahemdabad (Online)	29/01/2022

Industrial Visits

Sr. No.	Sem	Name of Industry	Date
5	SEM 2 (PG-EM)	Praj Industries, Pune	04/03/2022
6	SEM 4 (BE)	ETL Limited, Ankleshwar	07/03/2022
7	SEM 6 (BE)	Sengnapore sewage treatment plant, Surat	21/03/2022
8	SEM 2 (PG-EM)	Thermax, Pune	30/03/2022

Glimpse of Industrial Visits



**Industrial visit to ETL Limited, Ankleshwar on
07.03.2022**



**Offline Visit to BEIL Infrastructure
Ltd, Dahej on 17.01.2022**

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1-2-1 Meeting

Date: 05/03/2022

Semester: VIII



Commitment	No. of students
10	5
9.5	8
9	6
8.5	8
8	2
Total	29

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SSIP INTERACTION WITH STUDENTS

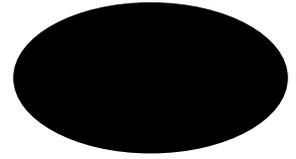


- ⇒ **Date:** 24th Feb. 2022
- ⇒ **Time:** 12:30 to 1:15 PM
- ⇒ **Venue:** Seminar Hall-3
- ⇒ **Speaker:** Dr. N. P. Badgujar (Associate professor-Dept. of Chemical Tech. & Ms. Divya Lad (Assistant Professor-Dept. of Environment Science & Tech.)
- ⇒ **Target audience:** B.E. 1st Sem. Chemical Tech. & Environment Science & Tech. students
- ⇒ **Maximum Participation count reached:** 19

SSIP INTERACTION WITH STUDENTS



- ⇒ **Date:** 03rd March 2022
- ⇒ **Time:** 03:00 to 04:00 PM
- ⇒ **Venue:** Environmental Modelling Lab
- ⇒ **Speaker:** Ms. Divya Lad (Assistant Professor-Dept. of Environment Science & Tech.)
- ⇒ **Target audience:** D.E. 1st Sem. EST students
- ⇒ **Maximum Participation count reached:** 8



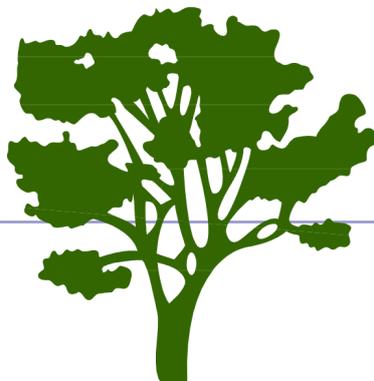
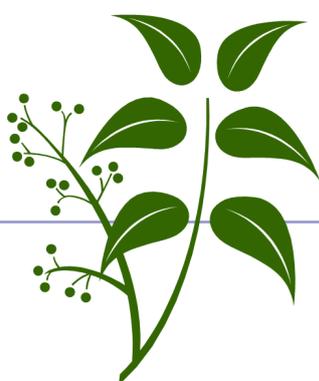
VLAB UTILIZATION

Program Name	Semester in which Vlab conducted	Name of The faculty	Subject	No. of the Experiments conducted	Lab name
BE	6 th	Amishi Popat	WWT-III	6	Environmental Engg. Lab-I & II
BE	6 th	Kunal Majmudar	WWT-III	6	Environmental Engg. Lab-I & II
BE	4 th	Divya Lad	WWT-I	3	Environmental Engg. Lab-I & II



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NATURE CLUB ACTIVITIES



Competition: Best Out of Waste

Date: 22.01.2022

Coordinated by: Ms. Preeti Sant


Shroff S.R.Rotary Institute of Chemical Technology
Managed by Ankleshwar Rotary Education Society
Principal Supporter & Sponsor – UPL Ltd & Shroff Family
Affiliated to UPL University of Sustainable Technology

DOD: 20/01/2022

Winners for Best Out of Waste Activity

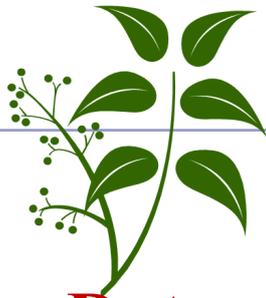
Winners of “Best out of Waste” activity held on 20/01/2022 are as follows:]

Position	Participant	Discipline	Semester	Department
First	PATEL PRACHIKUMARI RAMANBHAI	BE	6	EST
Second	PADALIYA BANSI DINESHBHAI	BE	1	EST
Third	PATEL KHUSHIBEN JIGNESHBHAI	BE	6	EST
	PATHAN VAJIDKHAN VILLAYATKHAN	DE	1	CE
	MALEK AMAAN HUSEN IRFAN HUSEN			

Congratulation...!
All Winners are hereby informed to collect their prize.

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EXTEMPORE COMPETITION



Date: 25.02.2022

Participants: Students from various departments



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(Established under Gujarat Private Universities Act, 2009)

DOD: 26/02/2022

NOTICE: Winners of Extempore Competition

The students are hereby informed that Winners of "Extempore Competition" organized by Nature Club of Shroff SR Rotary Institute of Technology (SRICT), Department of Environmental Science & Technology & Institution of Engineers (India) (IEI) students' chapter (393135/SRIC/EN) (in association with IQAC) held on 25/02/2022 are as follows:]

Rank	Participant	Discipline	Semester	Department
1 st	ANIRUDDHSINH DODIA	BE	6	CE
2 nd	VELIN SHAH	BE	6	EST
	HINKAL TAPIAWALA	BE	6	EST
3 rd	VIVEK GAJARA	BE	4	EST

Online Quiz Competition

Date: 12/03/2022

Occasion: World
Wildlife Day

**Winners
of
Online Quiz
on
World Wildlife Day**

The Department of Environmental Science & Technology heartily congratulates the winners and participants.

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 1 Monica Patel BE-CE SEM 4	 2 Ankita Shah BE-EST SEM 6	 3 Anjali Yadav BE-EST SEM 2
 1 Velin Shah BE-EST SEM 6	 3 Priti Pal BE-EST SEM 4	 3 Vajid Khan DE-CE SEM 2

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World Water Day Celebration

Date: **27 & 28 March 2022**

Events: **Quiz competition, Poster making & Water hunt**

UPL University of Sustainable Technology
NATURE CLUB OF SRCT, DEPARTMENT OF ENVIRONMENTAL SCIENCE & TECHNOLOGY
& INSTITUTION OF ENGINEERS INDIA (IEI) STUDENTS' CHAPTER (393135/SRIC/EN)
(In association with IQAC) ARE JOINTLY CELEBRATING

"World Water Day"
Theme-Groundwater: making the invisible visible

Event Details:

- ❖ Online Quiz competition: 27.03.2022 at 7:00 PM
- ❖ Poster competition & Water Hunt: 28.03.2022 at 3:00 PM at SH-1

Prize:

- ❖ Attractive prizes will be given to winners
- ❖ Participation certificate will be given to all the participants.

Note: Please register yourself on or before 27/03/2022 till 5PM.

"We Share Because We Care"

Contact: preetisant@srict.in



Click here for Poster making competition registration:
<https://forms.gle/uyDCGu6Z0PBCPJZ8>

Click here for Quiz competition registration:
<https://forms.gle/113QGRbbyIXIT6>

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Glimpse of Winners

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Winners of Online Quiz on World Water Day

The Department of Environmental Science & Technology heartily congratulates the winners and participants.

1  Jahnari Tiwari BE-CO SEM 2	1  Krupesh Shah BE-EST SEM 6	
2  Smikumar Patel BE-CE SEM 4	3  Velin Shah BE-EST SEM 6	3  Kanishk Gehlot BE-CE SEM 6

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Winners of Water Hunt

The Department of Environmental Science & Technology heartily congratulates the winners and participants.

1  Jahnari Tiwari BE-CO SEM 2	1  Vidhi Patel BE-CO SEM 2	1  Anjali Yadav BE-EST SEM 2
2  Ankit Kumar BE-EST SEM 4	2  Priti Pal BE-EST SEM 4	2  Shivam Pandey BE-EST SEM 4

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Winners of Poster Competition

The Department of Environmental Science & Technology heartily congratulates the winners and participants.

1  Patel Mitalkumari MSc-Chemistry SEM 2	2  Rushi Rana BE-CE SEM 4	2  Depani Ayushi BE-CO SEM 2
3  Anjali Yadav BE-EST SEM 2	3  Vaishanti Patel BE-CO SEM 2	3  Avinash Prasad ME-EM SEM 4

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★

Student achievement

★

COMPETITION: ESSAY WRITING



2 students from EST
Sem-3 have secured 2nd
and 3rd position in Es-
say Writing Competi-
tion on "**Subhash Chan-
dra Bose Life Efforts**"
★ organized by Rotaract
SRICT Ankleshwar

2nd position:
Patel Anjali

3rd position:
Zeel Desai





DETAILS OF WEBINAR ATTENDED BY STUDENTS



**SEM 4 students from
EST has successfully
attended webinar on
Industrial Process
Safety.**



Sunny Kushwaha

Ankit Kumar

Nilesh Khairnar

Chetan Petkar

Vivek Jadav



TECHNOMICS EVENT: TECHNICAL QUIZ COMPETITION

Technomics and ENCON forum has organized a
“Technical Quiz Competition” on 18/01/2022.

It was based on Indian Chemical News and
Energy News.

Details of Winners from EST

Rank	Name of Student	Branch
03	Rana Kushi	EST



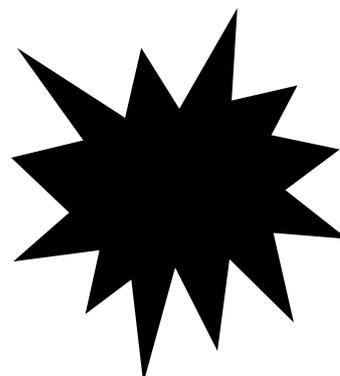
DETAILS OF WINNERS OF STUDENTS

Sem 2 students from BE EST named **Riya Kumari, Raj Sinh and Anjali Yadav** has won **1st prize in Clay Competition**

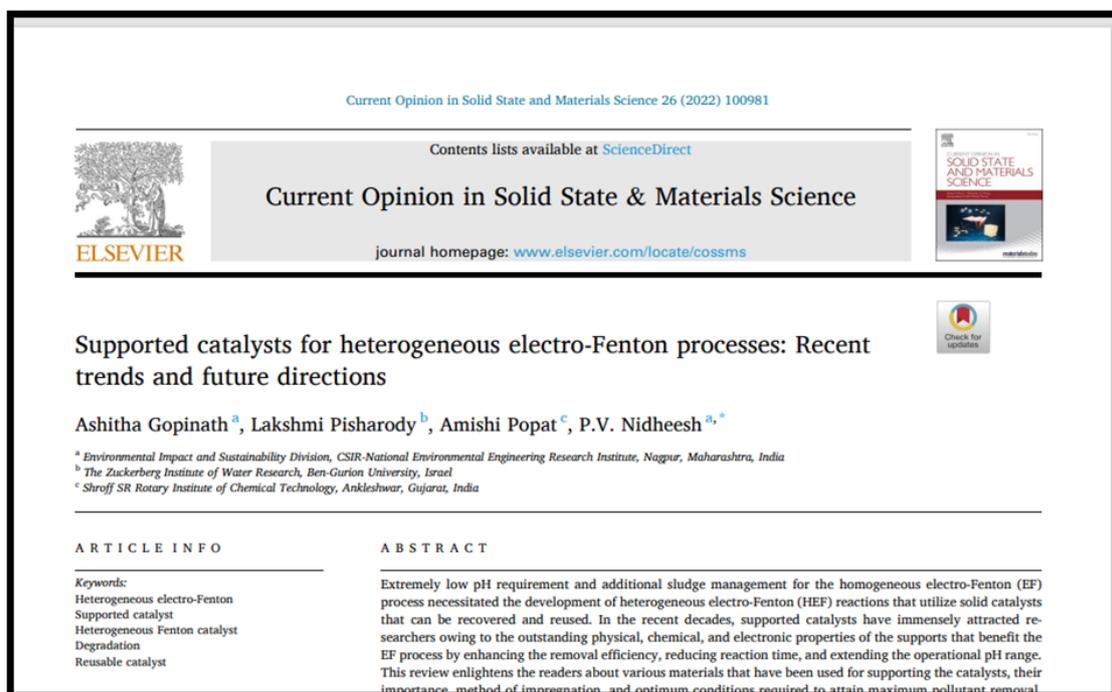
organized by Mechanical department on 21.03.2022.

Sem 2 students from BE EST named **Anjali Yadav** has won **3rd prize in Quiz Competition** on World Wild Day organized by EST on 12.03.2022.

Faculty ACHIEVEMENTS



PUBLICATION BY FACULTY MEMBERS



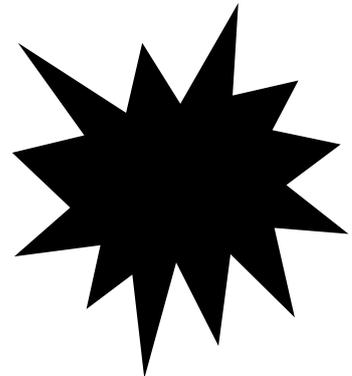
Name of Journal: Current Opinion in Solid State & materials Science

Name of Author: Ms. Amishi Popat

Impact factor: 11.35

Topic of publication: Supported catalysts for heterogeneous electro-Fenton processes: Recent trends and future directions

Faculty ACHIEVEMENTS



PUBLICATION BY FACULTY MEMBERS

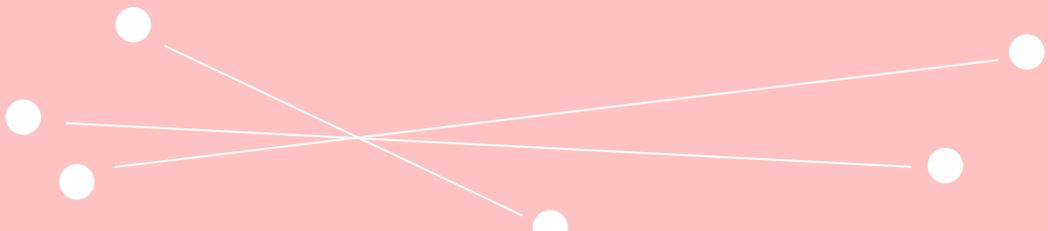
The screenshot shows the article page for 'Sustainable technology for modern era effluent treatment: Microbial fuel cell' in Materials Today Proceedings. The page includes a table of contents on the left, the journal logo, the article title, authors (Jigisha Modi, Aditya Choumal, Devarshi Vyas, Dhruvil Shah, Kashyap Kumar Joshi, Khyatil Patel, Kartik Iyer), and a DOI link (https://doi.org/10.1016/j.matpr.2021.12.476). The article is marked as 'In Press, Corrected Proof'.

Name of Journal: Materials Today

Name of Author: Mr. Kartik Iyer

Impact factor: **1.24**

Topic of publication: Sustainable technology for modern era effluent treatment: Microbial fuel cell



KNOW YOUR FACULTY



Name of Faculty:

Dr. Pratibha Gautam

Area of interest:

***Solid Waste
Management***

Air Pollution Control

Experience:

10+ yrs

Qualification:

PhD

GET TO KNOW YOUR ALUMNI

Name: *Trupti Joshi*

Batch: *2012*

Currently working at:

*Kohler India Corp.
Pvt. Ltd.*



Name: *Nikita Karelia*

Batch: *2011*

Current working at:

*Aarti Industries
Ltd.*



Faculty Birthdates

Kartik Iyer

Darshan

Salunke

Student birthdates

DEVNANI RAJ, GOHIL RAJ, MERIN ANN,
PUROHIT DHRUVINI, PATEL MANSIBEN,
SHAIKH MOINUDDIN, GOSWAMI TUSHARGI-
RI, PATEL KHUSHBOO, JADAV ISHA, JOSHI
SHIVANI, KALE PRASAD, LAD MITULKUMAR,
PARMAR ,HARSHVARDHANSINH, SAHADAD-
PURI URVASHI, SHAH SHREY, RAUSHAN
KUMAR, RAUSHAN KUMAR, PRINCE KUMAR,
HINALI PATEL, SISODIA DEVENDRASINH, THA-
KOR DIVYRAJSINH

ENVIRONMENTAL NEWS

JANUARY-2022

The Hindustan Times

Jan 06, 2022, 07:23 AM IST

India plans to introduce 50 cheetahs in 5 years.



The Hindustan Times

Jan 11, 2022, 07:09 AM IST

2021 was fifth-hottest year on record: List of extreme events and their impacts.

The Economic Times

Jan 22, 2022, 11:09 PM IST

Experts from India and the US discussed the challenges and opportunities to combat climate change through technology-led carbon capture and utilisation solutions.



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ENVIRONMENTAL NEWS

FEBRUARY-2022

The Hindustan Times

Feb 23, 2022, 09:56 AM IST

Sustainable lifestyles to be focus of India's stand in climate talks.



The Economic Times

Feb 23, 2022, 12:40 PM IST

Wildfires getting worse globally, governments unprepared: UN

The Hindustan Times

Feb 28, 2022, 11:36 PM IST

World poverty to rise as climate change hits food supplies, says UN panel.



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ENVIRONMENTAL NEWS

MARCH-2022

Down To Earth

7 March 2022

UNEA 5.2: Environment ministers call for integrating ecosystem protection with public health policies



The Economic Times

Mar 21, 2022, 04:34 PM IST
190 of 1,080 industries polluting Ganga shut down: Govt

The Economic Times

Mar 21, 2022, 07:18 PM IST
Antarctica hits record temperatures, say experts



THANK YOU

What You Can Do

When you see litter in the streets
And the air smells of pollution
When you feel like it's all piling up
Remember there is a solution

There's something each of us can do
To keep the rivers clean
To keep fresh the air we breathe
And keep the forests green

Help clean a beach
Or recycle bottles and cans
Learn about the problems we face
And help others understand

It doesn't have to be a lot
If we each just do our share
So take time out on Earth Day
To show the Earth you care

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