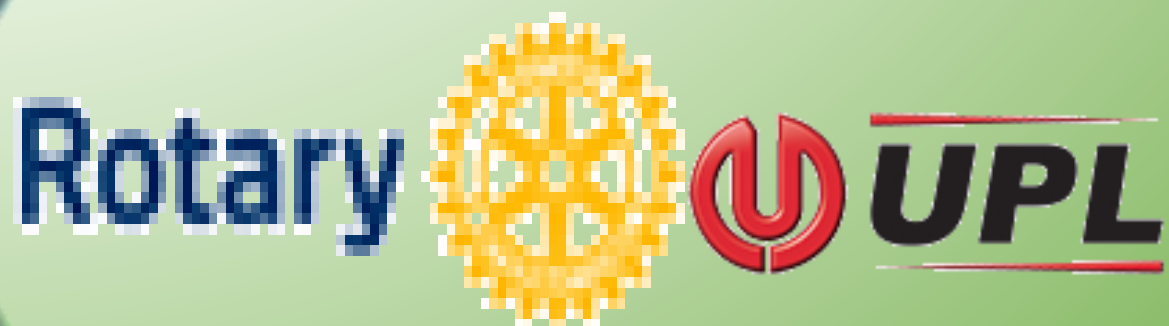


DEPARTMENT OF ENVIRONMENTAL
SCIENCE & TECHNOLOGY

EARTHY-WORTHY



9th Issue

April-June 2019

We share because we care

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EDITORIAL BOARD



Ms. Pratibha Gautam
Asst. Prof
DEST



Ms. Bhasha Mehta
Asst. Prof
DEST



Ms. Mansi Kasundra
SEM - VII
DEST



Ms. Bansari Shah
SEM - V
DEST



Ms. Vanshika Rana
SEM - III
DEST

WE SHARE BECAUSE WE CARE

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

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.

INVOLVEMENT OF EST FACULTY MEMBERS IN VARIOUS ACTIVITIES

MOU WITH CM ACADEMY

- **SRICT** had signed **MOU** with **CHANDERBALA MODI ACADEMY(CM ACADEMY)** on **20th May, 2019** in the Spirit of friendship and with Mutual interest in Educational Field. MOU was signed by **Mr. Ashok Panjwani** (Vice Chairman, SRICT) and **Mr. Amar Srivastava** (Principal, CMA).The purpose of the MOU is that it will help both the parties in terms of admissions, knowledge sharing, school visits, infrastructure usage etc.



CAREER COUNSELLING PROGRAMMES CONDUCTED BY SRICT

Lakshya and career counselling programme was conducted by SRICT at Ankleshwar, Bharuch and Surat where faculties of Department of Environmental Science and Technology have contributed in different ways thereby leading to successful completion of the programme helping students to choose their career in bright colleges such as SRICT.



DEPARTMENTAL



PROJECT FAIR

- Project fair was conducted on 9th April-2019. All nine groups of final year Environmental Science & Technology participated in this project fair.
- The Guest Judge Dr. P N Paremeshwaran(UPL) & Mr. Vijay Gadge(BEIL). They evaluated all projects.
- All faculties and students were invited to visit this project fair. Dr. Snehal Lokhandwala, HOD of Environmental Science & Technology, was present in project fair. Large no of students took interest and visited the fair.



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ENVIRONMENT DAY CLELEBRATIONS

- ❖ **SRICT along with Gujarat Pollution Control Board Celebrated World Environment Day on 7th June 2019 Organized by Department of Environmental Science and Technology on the theme "Beat Air Pollution".**
- ❖ **Environment Day celebration gave realization to the alarming state of air due to pollution through presentation and posters which were presented by students of DEST.**
- ❖ **The presence of guests from GFL, faculties and students enhanced the program.**



GLIMPSES OF ENVIRONMENT DAY CELEBRATIONS



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BRUSH UP “FUNDAMENTALS TO APPLICATION ON ENVIRONMENTAL ENGINEERING”

Brush up is a two day refresher course which is organized by Department of Environmental Science and Technology to boost the knowledge of students related to industrial background.



The poster features a green header with logos for UPL, SRICT, and Rotary. The main title 'BRUSH-UP' is in large yellow letters. Below it, the course details are listed in black text on a light blue background. A graphic of a human head silhouette filled with colorful puzzle pieces is on the right side.

UPL **SRICT** **Rotary**

“BRUSH-UP”

2 days refresher course on

"Fundamentals to application of
Environmental Engineering"

18th & 20th May 2019

Organized by:
Department of Environmental Science &
Technology

Venue: Seminar Hall-3,
Shroff S. R Rotary Institute of Chemical
Technology

GLIMPSES OF EVENT



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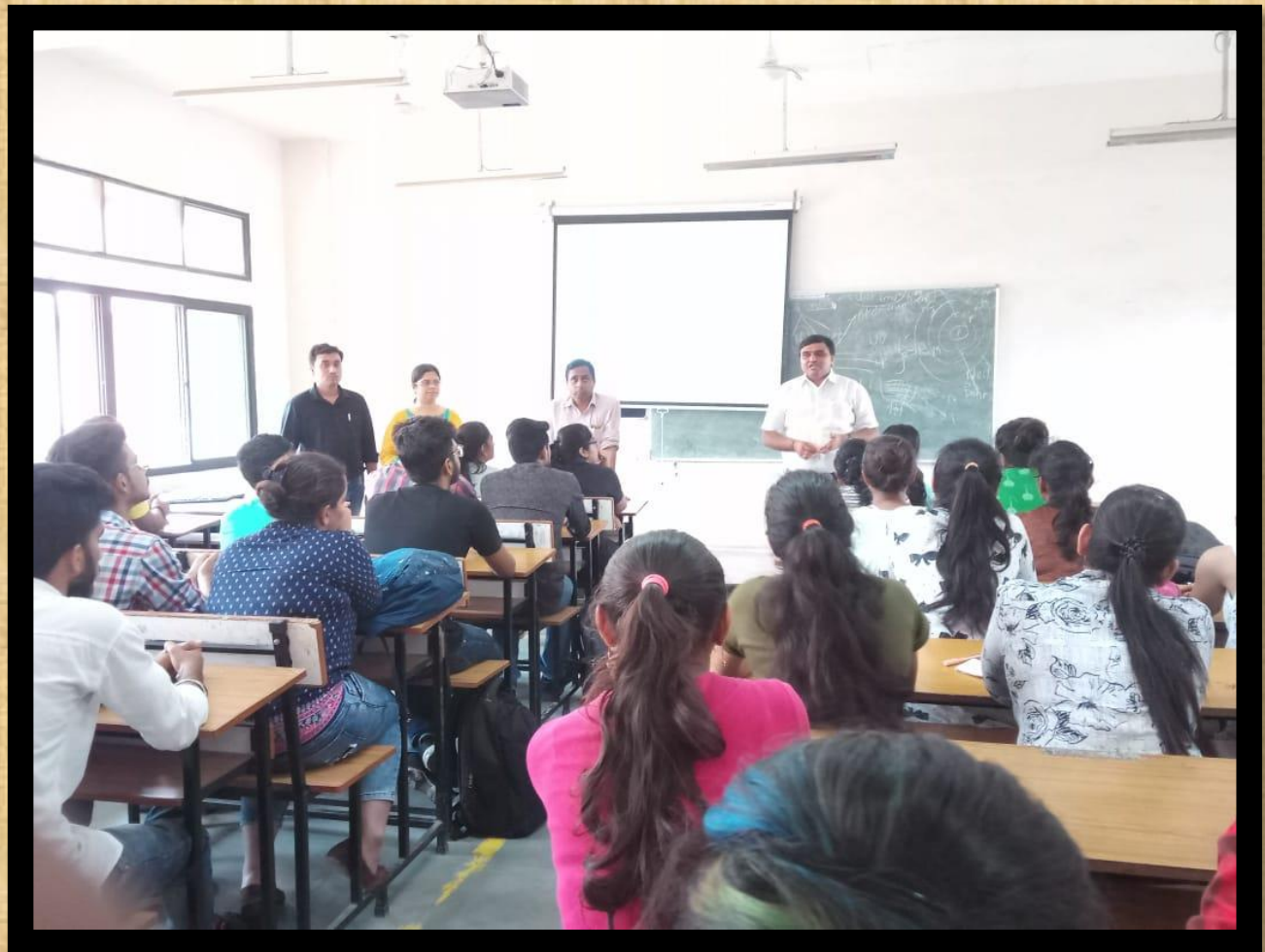
PLACEMENT DETAILS

<u>S.No</u>	Enrollment No.	Name	Placement status (Y/N)	Industry Name
1	150990135004	BARAD VISHWAJEET	Y	Subhasri pigments
2	150990135005	BORKHTRIYA VIJAY JAGMALBHAI	Y	Subhasri pigments
3	150990135006	CHANDEGRA KHYATI DHIRAJ	Y	BEIL (R-2)
4	150990135007	CHAVDA DEEP ASHWINBHAI	Y	Alembic Pharmaceuticals
5	150990135008	DHRUVIBEN PANKAJBHAI SHAH	Y	Seta Engineering
6	150990135009	PATEL DIPENKUMAR JAYKISHANBHAI	Y	BEIL
7	150990135012	GANDHI TIRTHESH RASHMIKANT		M.E.(L.D.)
8	150990135013	GHODASARA DRASHTIBEN ANILBHAI	Y	BEIL
9	1509990135018	LIMBACHIYA UPASANA KIRITKUMAR	Y	BEIL (R-3)
10	150990135019	KASUNDRA MANSI PRAVINKUMAR	Y	BRCPL
11	150990135022	PAL ROSHANI SUBEDAR	Y	Design 2 Occupancy
12	150990135023	PALAK SAXENA	Y	BEIL (R-2)
13	150990135026	PATEL HARIKRISHNA GUNVANTBHAI	Y	BEIL
14	150990135032	PATEL PRIYAKUMARI THAKORBHAI	Y	Design 2 Occupancy
15	150990135033	PATEL PRIYANKABEN RAJESHKUMAR	Y	BEIL (R-2)
16	150990135034	PATEL PRUTHVISH	Y	Alembic Pharmaceuticals
17	150990135037	RAVAL AVANI VASUDEV	Y	Sajjan India
18	150990135038	SHAH AKSHITA KAPIL	Y	BEIL

S.No	Enrollment No.	Name	Placement status (Y/N)	Industry Name
19	150990135039	SINGH ANANT PANKAJ		ME.E(L.D.)
20	150990135043	RAHUL VANSADIA	Y	BEIL (R-3)
21	150990135043	RAHUL VANSADIA	Y	BEIL (R-3)
22	150990135041	SUNVA SHRADDHAKUMARI HARENDRASINH	Y	GFL
23	150990135045	VIBHUTIBEN DELWADIYA	Y	BEIL
24	150990135046	YADAV VIRBHADRASINH DIPAKSINH		UPL-5

ORIENTATION PROGRAMME

- Department of Environmental Science and Technology generally conducts orientation programme in order to make students aware regarding attendance, discipline, 100 points and importance of mid exams in the coming semester.
- Orientation program for SEM 5 EST students was done on 24/06/2019.
- Students were made aware about the importance of attendance, Extra curricular activities, Roles & responsibilities of Class Representatives.
- They were also made aware about NBA accreditation process and its benefits.



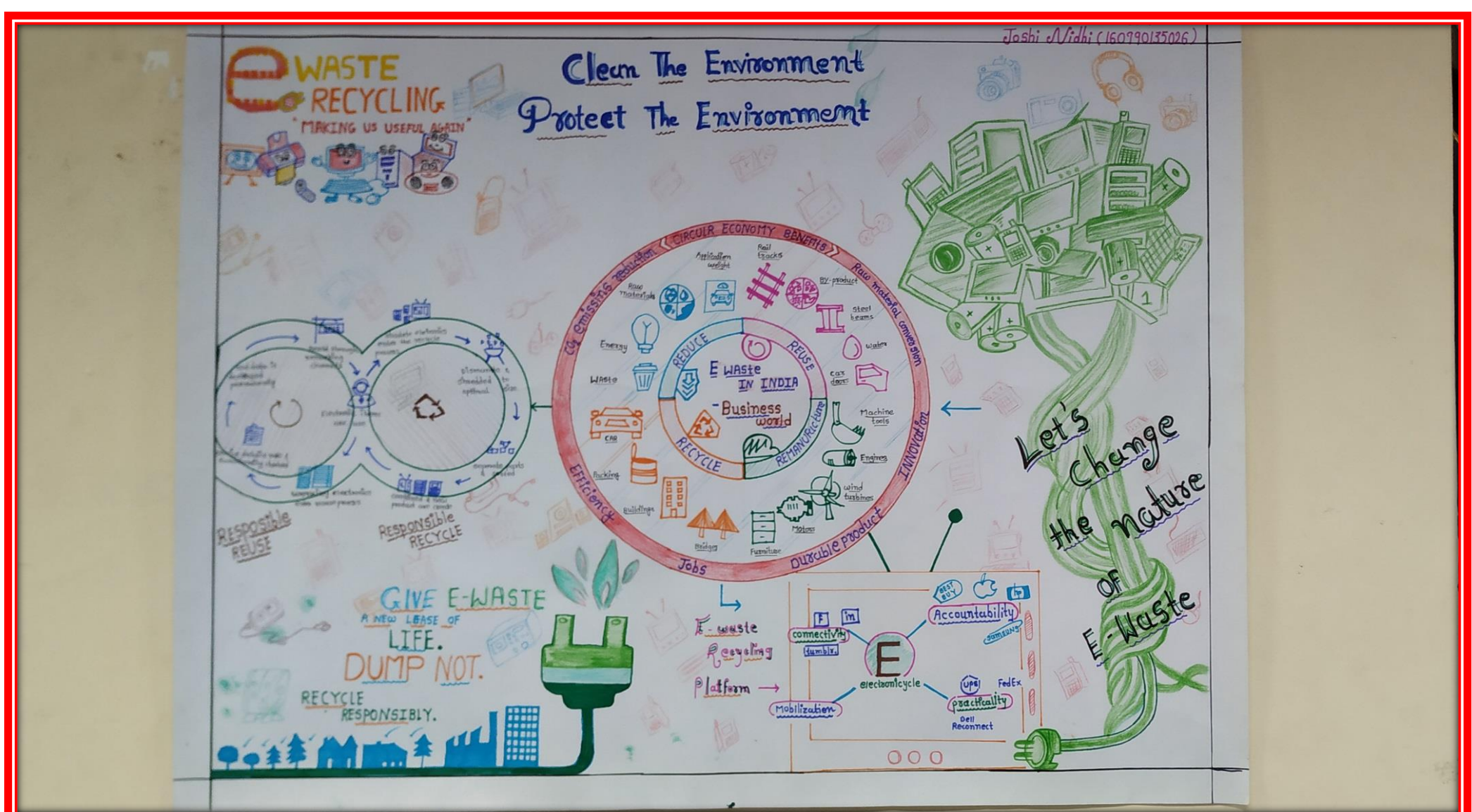


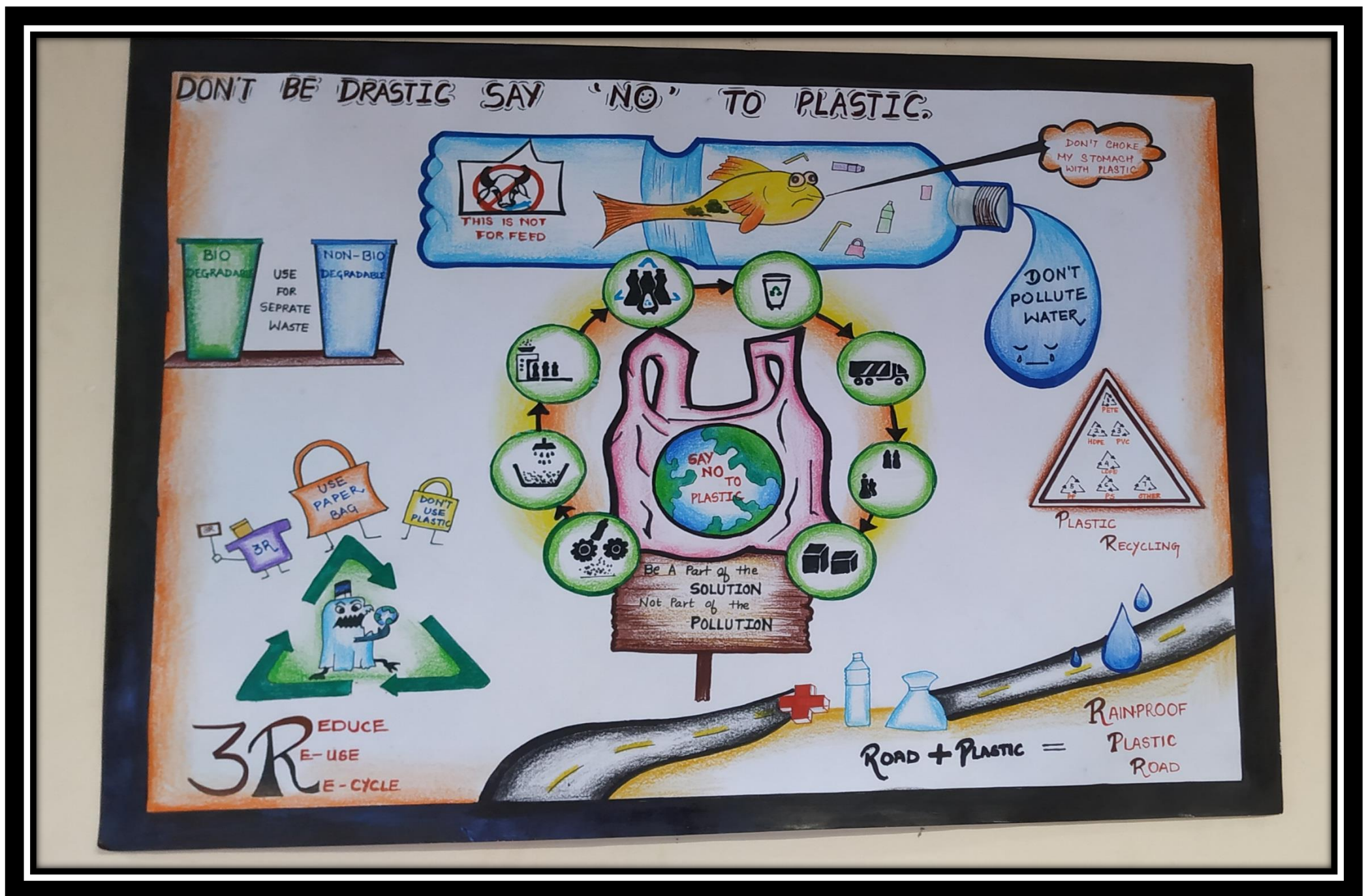
ACTIVITIES

POSTER PRESENTATION



Poster presentation competition was organized under the banner of Nature club on 09th April 2019 at 4:00 PM in seminar hall 1. Total 8 teams have participated in the competition from SRICT.





In each team there were maximum 3 members. The judges for the competition were Dr. Omprakash Mahadwad and Ms. Pratibha Gautam from DCE & DEST.





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1. Eco-restoration of rivers

The NGT on April 26 heard an application for restoration of rivers to save forests from floods. The applicant Gopal Chandra Sinha said working plan for scientific management of forests requires reduction of siltation of water and reservoirs. This requires collection of boulders/silt from river beds in forests



2. ‘Human lives and environment are inter-connected ... Civil society should be a part of decision-making’

Today is World Earth Day. Actor-producer Dia Mirza, who is also the United Nations Environment Goodwill Ambassador for India, provides a bird’s eye view of the challenges India faces in a conversation with Manka Behl. She points to gaps in the work of enforcing agencies and also suggests ways in which citizens can engage elected representatives on environment issues:

1. Sand mining on the river bed of Putulia to be probed by chief secretary: NGT

- The NGT on May 7, 2019 expressed its dissatisfaction with the report furnished by the District Magistrate, Burdwan, which had stated that there was no violation of sand mining guidelines, and said that the report cannot be accepted in the absence of adequate particulars like photographs and other material.

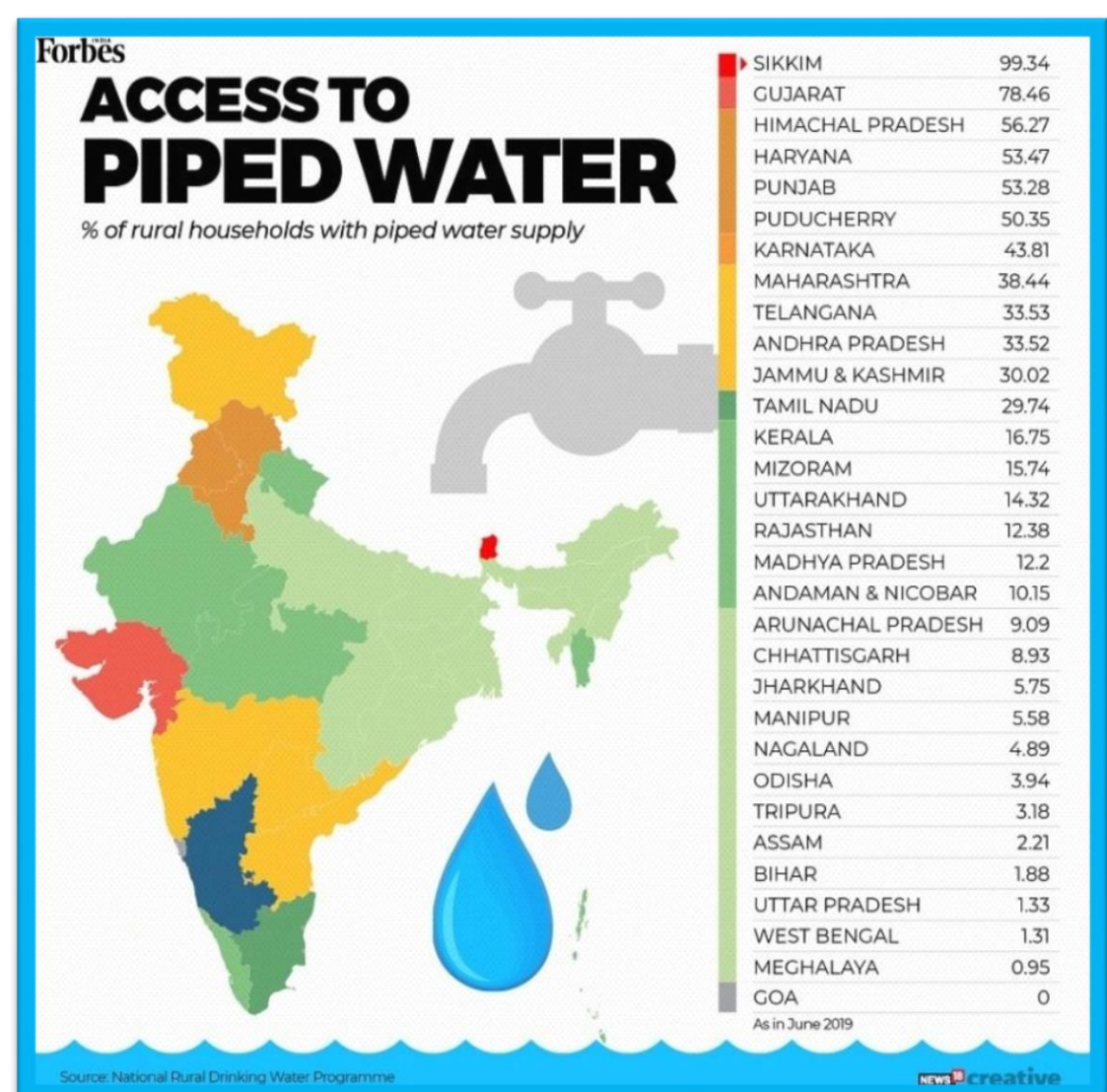


2. Effluent treatment plant at 12 public health facilities planned for Tripura: NGT told

- A status report filed by Tripura mentioning the steps taken for solid, plastic and bio-medical waste management came up for discussion before the National Green Tribunal (NGT) on May 7, 2019. The report mentioned that Solid Waste Management Policy was prepared by the Urban Development Department in October 2018 and Rs 3.50 crore has been allocated for door-to-door solid waste collection and source segregation.


3. Plastic waste is choking India: Monetary incentives to waste pickers and an environmental tax on plastics can stem the problem

- A G20 environmental meeting on June 16 failed to agree on concrete measures to tackle marine plastic litter. There is growing evidence that human actions are irremediably altering natural ecosystems and driving increasing numbers of plant and animal species to extinction.



4. Tackle water crisis: Comprehensive plan needed as drought conditions prevail in large parts

- Things have been made worse by an increasingly acute water crisis. The pre-monsoon season this year has been the second driest in 65 years with the country witnessing 99 mm of rainfall during this period against the average of 131.5 mm. About 42% of the country is abnormally dry – 6% more than last year. Add to this a delay in the onset of monsoon and circumstances are indeed grim.



The heart of a university and any department is the

FACULTY

This should be the most important consideration for a student choosing a college. Our department is endorsed with highly qualified faculty having scientific vigor and committed to excellence.



- **Name:** Mr Manoj Kumar
- **Assistant Professor**
- **Qualifications:**
 - M.E Environmental Engineering
 - FAE Water Pollution
- **Experience:** 8.5
- **Area of Interest:** Wastewater Treatment
- **Papers Published/ Presented :** 10

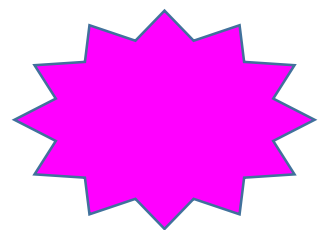


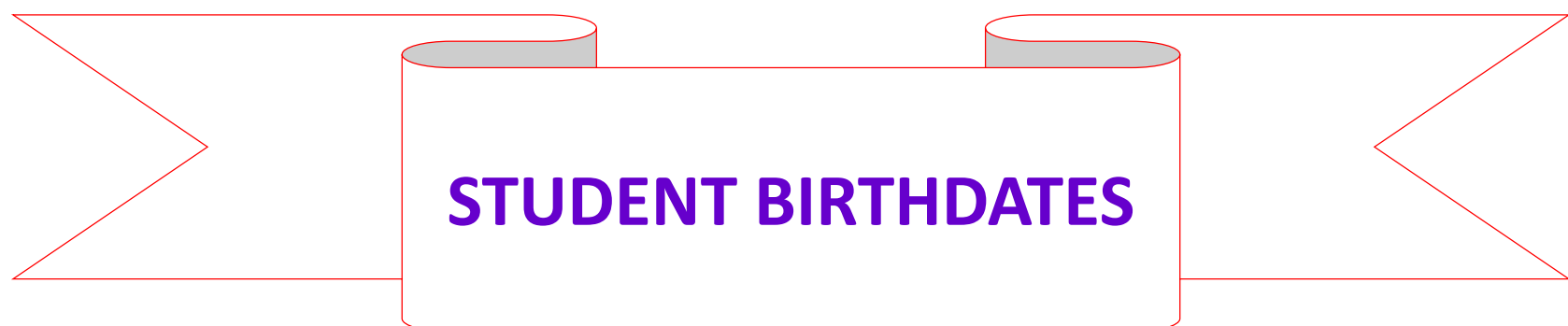
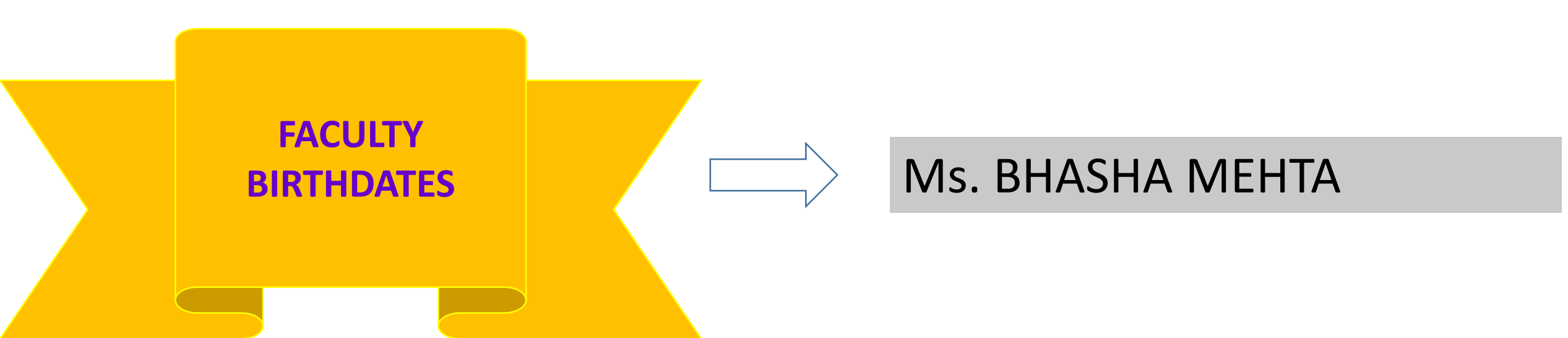
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HAPPY
BIRTHDAY

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YADAV ASHISH RAJESH
SHARMA RIYA POONAMCHAND
PURANI DHRUVIL SANDIPKUMAR
PATEL DISHA VITESHKUMAR
PANDEY ANKITKUMAR KRIPASHANKAR
CHOUDHARY JAGRUTI SANJAY
BHAVSAR NIDHI DIPAKBHAI

PATEL TASVIR
PATEL RUTVIK MUKESHBHAI
PATEL HETVIBEN
PARMAR DHRUMI HITENDRASINH
PAREKH SHIVAM SUBHASBHAI
MODI MONIL
MAISURIYA DIVYABEN BIPINBHAI
GARG SHRADDHA VIVEK
DESAI SUDEEP JAYDEEPSINH

SUVAGIYA NIRALI GIRISHBHAI
PATEL ANJALI PRABHUDAS
KHENI DRASHTIBEN
GONDALIYA YASH CHANDULAL

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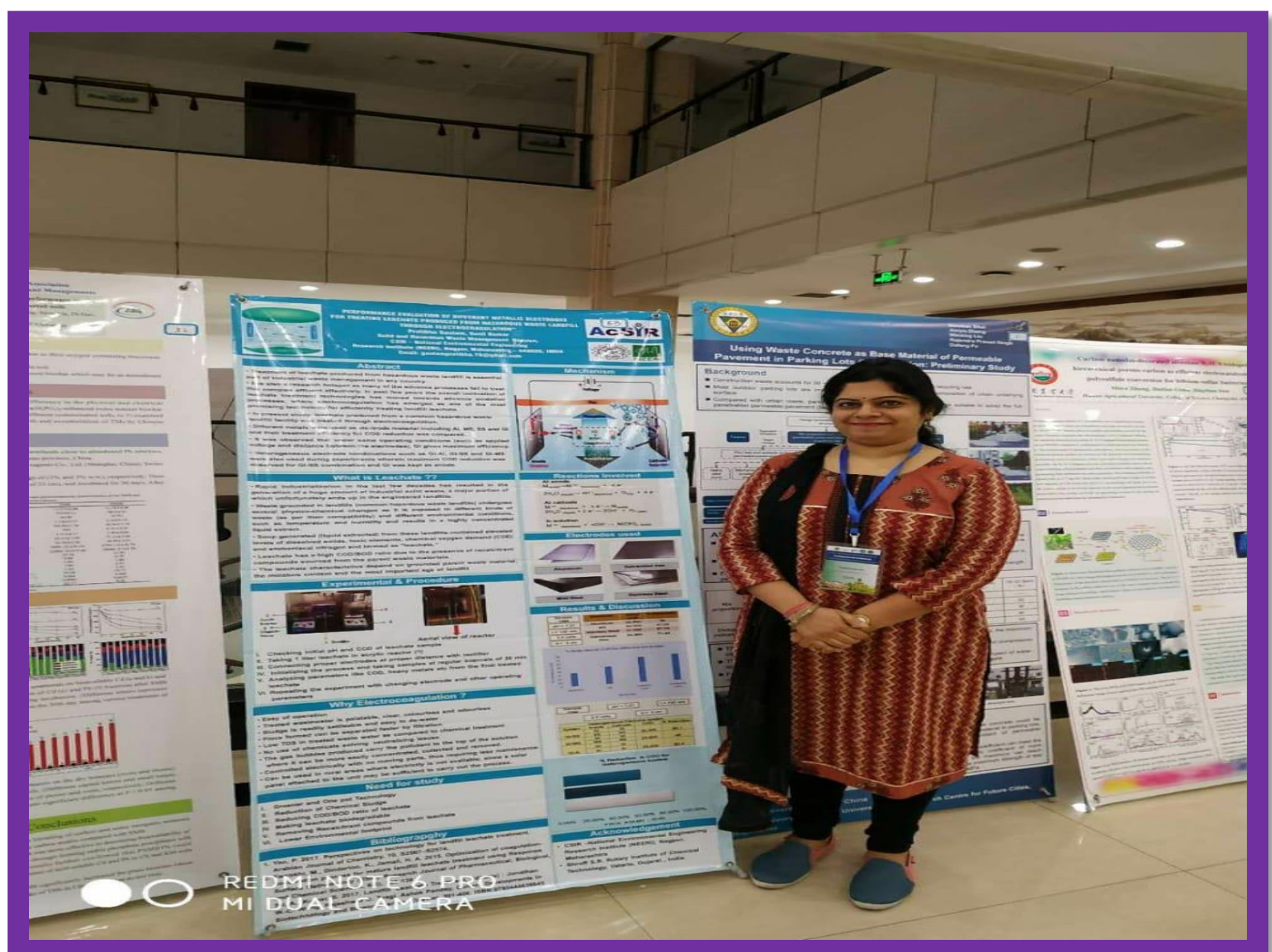
Achievements



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FACULTY ACHIEVEMENTS

Ms. Pratibha Gautam of DEST presented both “Poster” and “Paper” at International Conference “SWTM-19” organized during 6-9 May 2019 at Yangling, China.



FACULTY ACHIEVEMENTS



Ms. Pratibha Gautam of Department of Environmental Science and Technology received **best paper award** at International Conference “SWTM-19” organized during 6-9 May 2019 at Yangling, China.

She received Travel Grant from CSIR (approx. 1.6 lacs) to attend the conference.



FACULTY ACHIEVEMENTS

- Ms. Pratibha Gautam from Department of Environmental science and Technology delivered a technical session on topic “Water Sampling and Preservation” in Training Program on ‘Effluent Treatment Plant Operation and Maintenance’ organized by Gujarat Knowledge Society.
- The training was given to Faculties of Diploma Engineering from Gujarat.



FACULTY ACHIEVEMENTS

- ❖ Ms Bhasha Mehta from Department of Environmental science and Technology had attended STTP on "**Waste to Energy: Fuel Cell and Electrochemical Techniques**" held at SVNIT, surat during 17th to 21st June 2019.
- ❖ Topics discussed were Microbial Fuel Cell, Decentralized treatment plant and recent developments in the field of Nano Technology.





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FACULTY WISE RESEARCH PAPERS DONE & PROJECTED

Sr. No.	Name of Faculty	No. of Research papers published before joining SRICT	No. of Research Papers published after joining SRICT	No. of Research papers projected in 2018	No. of Research papers published in 2019	Book chapter published after joining SRICT
1	Dr.Snehal Lokhandwal	2	16	08	08	01
2	Mr. Urvij Dave	6	6	02	1	
3	Mrs. Pratibha Gautam	2	8	03	1	05
4	Mr. Manoj Kumar	0	8	04	03	
5	Mrs. Janki Tailor	0	1	02	01	nil
6	Mr. Kunal Majmudar	1	11	03	01	
7	Ms Anjali Nair	1	3	03	05	
8	Mr Niraj Nair	01	04	02	00	
8	Miss Bhasha Mehta	03	00	02	00	
	TOTAL	14	57	29	20	

