

Event Activity Report 2021-2022

School Name : School of Science

Event Title : International Conference on "Current Trends in

Waste Treatment, Reuse and Valorization"

Event Date : 25.02.2022 to 27.02.2022

Time : 09:45 am to 06:00 pm

Duration in days : 3 Days

Mode of conduction : Online

Level of Program: International

Event Resource Person Details: Dr. Sachin Munde, Associate Dean, School of Science,

Sandip University, Nashik. (Mob. 8007806419)

Email: deansci@sandipuniversity.edu.in

Name of Event Coordinator with details: Dr. Razia Kutty, Head, Dept of Microbiology and Life

Science, Sandip University, Nashik. Mob: 9822794581

Email: razia.kutty@sandipuniversity.edu.in

Number of participants attended : 160+

Event Outline, Objective and Outcome of the event:

Outline of Program:

Sandip University's School of Science had taken initiative to host an International Conference regarding "Current Trends in Waste Treatment, Reuse and Valorization" in association with Society for Green Environment, New Delhi, India. The Themes to be discussed in the conference were:

- Emerging Pollutants Characterization
- Current trends in physicochemical methods of remediation
- Microbial remediation
- Hybrid treatment technology in remediation
- Pollutant removal from bio-waste, reuse & recovery of value-added by-products

The conference was hosted for 3 days. Many eminent Speakers were called for the expert talks from India and Abroad. Also, the international e-conference invited abstracts from the delegates. The conference solicited high quality research contributions in the areas of Bioremediation and Waste Reuse and Valorization. Selected abstracts were to be published as proceedings/souvenir.



Objective of Program: The School of Science intended to raise knowledge and create awareness in the society in association with the Society for Green Environment about conservation, reuse and management of all form of air, water, and soil waste. The Society for Green Environment (SGE) is a non-profit, non-government, multi-disciplinary membership based-national organization of Government of India, and principally dedicated to the enhancement of public awareness on conservation and up-gradation of environment and management of all form of air, water, and soil for the development of the happy and healthy society. The society is involved in various activities conducting organizing national/international conferences, symposia, conferences, workshops, seminars, training, meeting as well as distributing publications on the theme of environmental concern. Society also recognizes young scientists and environmentalists for their contribution to environmental protection and safety.

Outcome:

Day 1: The conference was inaugurated by Dr. Rajendra Sinha, Vice Chancellor, Sandip University, Nashik following addressed by Dr. Chetan Choudhary, Registrar, Sandip University. Dr. Pankaj Chowdhary, President, Society of Green Environment, New Delhi, India briefly introduced with the SGE. Prof. Sunil Kumar, Professor and Head, Waste Water Reprocessing Division, CSIR-NEERI, Nagpur, Maharashtra, India was invited as the keynote speaker. The Session for keynote speaker was chaired by Dr. Raunak Dhanker Assistant Professor, GD Goenka University, Haryana, India.

Sr.No.	Name of the Speaker	Title of Talk	
Modera	ator: Ms. Manasi V. Damale, Assistant	Professor, Department of Microbiology, School of	
Science	Science, Sandip University, Nashik.		
Session	Session Chair: Dr. Ravikiran Pagare, Associate Professor, Department of Life Science, School		
of Scien	of Science, Sandip University, Nashik		
1	Dr. Garima Kaushik,	Bioremediation of Emerging Contaminants:	
	Assistant Professor, Central University of	Pharmaceutical Compounds	
	Rajasthan, India	-	
2	Dr. Jastin Samuel	Phyco-remediation: A green approach and	
		Sustainable Solution	
3	Dr. Srijoni Banerjee,	Sustainable Approach of Microalgal Biomass and	
	Assistant Professor, Department of	Biofuel Production through Biorefinery Approach	
	Biotechnology, School of Life Science and	with Concomitant Wastewater Remediation	
	Biotechnology, Admas University,		
	Kolkata		

Moderator: Ms. Muskan D. Sharma, Assistant Professor, Department of Microbiology, School of Science, Sandip University, Nashik.

Session Chair: Dr. Sachin Munde, Associate Dean, School of Science, Sandip University, Nashik



4	Prof. V. P Sharma	Safeguard Future Generation: Emerging
	Chief Scientist & Prof. AcSIR	Pollutants and Waste Management
	CSIR-Indian Institute of Toxicology	
	Research, Lucknow, India	
5	Prof. (Dr.) Dinesh Yadav	Cost Effective Production of Industrially
	Professor Coordinator Centre for Genomics & Bioinformatics and Nodal officer IPR cell Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, Uttar Pradesh, India	Important Microbial Enzymes Using Agro-Wastes
6	Prof. Cristiano José de Andrade Professor Department of Chemical Engineering and Food Engineering, Federal University of Santa, Catarina, Florianópolis, 88040-900, SC, Brazil	Hydrophobic Inducers to Enhanced Surfactin Production Using Cassava Wastewater as Low- Cost Culture Medium: A Prospection on New Homologues

Speaker's Sessions followed Oral/Poster Presentation of Students from different Universities and Colleges.

Day 2:

Sr. No.	Name of the Speaker	Title of Talk	
37.1			
	Moderator: Ms. Paurnima Bhagwat, Assistant Professor, Department of Chemistry, School of		
	Science, Sandip University, Nashik.		
Session	Session Chair: Dr. Leena Patil, Head of Department of Chemistry, School of Science, Sandip		
Universi	ty, Nashik.		
1	Dr. Bholu Ram Yadav	Digitalization in Wastewater Management	
	Scientist		
	CSIR-National Environmental Engineering		
	Research Institute (NEERI), Nagpur,		
	Maharashtra, India		
2	Dr. Angana Sarkar	Microbial Dye Degradation: A Clean Approach	
	Assistant Professor	Of Dye Removal From Pharmaceutical	
	National Institute of Rourkela, Odisha	Wastewater	
3	Dr. Sukdeb Pal	Inorganic Nanostructure For Multifunctional	
	Sr. Principal Scientist	Applications In Water Treatment	
	Wastewater Technology Division, CSIR-		
	National Environmental Engineering		
	Research Institute, Nagpur 440020, India		
4	Dr. Achlesh Daverey	Valorization of waste pine needles for	
	Assistant Professor	environmental remediation	
_	Doon University, Uttarakhand		
5	Dr. N.K.S. More		
	Assistant Professor		
	Babasaheb Bhimrao Ambedkar University,		
-	Lucknow, India	Cyctoma Dialogy Ammagah ta Caman and Idantife	
6	Dr. Dipankar Ghosh	Systems Biology Approach to Screen and Identify	



		Algal Phosphatases for Detecting Heavy Metals:	
		A sustainable platform	
Mode	Moderator: Ms. Savita Patil, Assistant Professor, Department of Chemistry, School of Science.		
Sandip	Sandip University, Nashik.		
Sessio	n Chair: Dr. Nissar Reshi, Assistant Pr	rofessor, Department of Life Science, School of	
Scienc	e, Sandip University, Nashik		
7	Dr. Kuldeep Boudh	Remediation of Metal Contaminated Soil using an	
	Assistant Professor	Industry Important Plant Ricinus communis	
	Central University of Jharkhand, Ranchi,		
	India		
8	Dr. Sourish Bhattacharya	Circular Economy Model for Bioremediation Of	
	Senior Scientist	Industrial Wastewater Through Biorefinery	
	Process Design and Engineering Cell,	Approach	
	CSIR-Central Salt and Marine Chemicals,	T.P.F.S.W.I.	
	Research Institute, Bhavnagar, India.		
9	Dr. Simranjeet Singh	Adsorption, Kinetic and Thermodynamics	
	Postdoctoral Researcher,	Behavior of Cr (VI) by novel GO/UiO-66-NDC	
	Indian Institute of Science (IISc),	Nanocomposite from Wastewater	
	Bangalore-560001, India	Transcomposite from Waste Water	
10	Dr. Soumya Pandit	Investigating the Performance Of Datura Peels	
	Assistant Professor	Derived Biochar-Based Anode For Improved	
	Lovely Professional University, Punjab	Power Output In A Microbial Fuel Cell	
		Application	
		1 **	

Speaker's Sessions followed Oral/Poster Presentation of Students from different Universities and Colleges.

Day 3:

Sr. No.	Name of the Speaker	Title of Talk	
Modera	Moderator: Ms. Vishakha G. Tomar, Assistant Professor, Department of Microbiology, School o		
Science,	Science, Sandip University, Nashik.		
Session	Session Chair: Dr. Ravikiran Pagare, Associate Professor, Department of Life Science, Sandip		
Universi	University, Nashik		
1	Prof. (Dr.) Vinod Kumar Garg	Nutrient Recovery From Solid Wastes Using	
	Professor and Dean	Verm technology	
	Department of Environmental Science and		
	Technology Central University of Punjab,		
	Bathinda, Punjab, India		
2	Dr. Sudipti Arora	Potential of Earthworms In Removal Of	
	Scientist and Assistant Director,	Antimicrobial Resistant (AMR) Bacteria And	
	Dr. B. Lal Institute of Biotechnology, Jaipur	Antibiotic Resistance Genes (ARGS) During	
		Verm filtration Technology For Domestic	
		Wastewater Treatment	

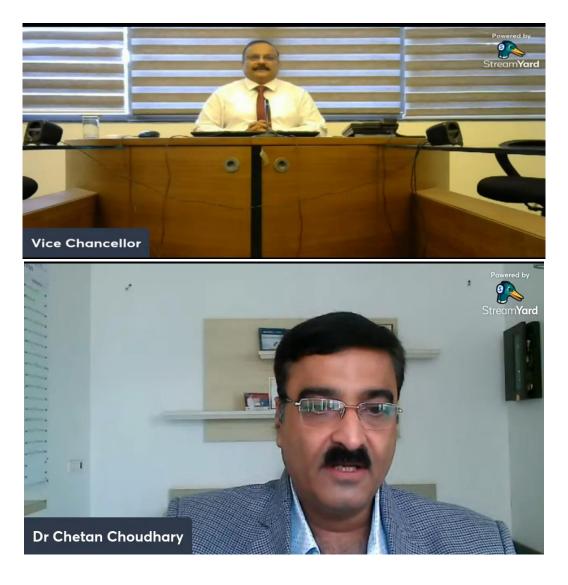


3	Dr. Ritu Singh	Application of Nanotechnology in Environmental
		Remediation
4	Dr. Sonia Maurya	Valorization of Food Waste and Value Addition
	Assistant Professor,	
	Lovely Professional University, Punjab	
5	Dr. Abhay Raj	Exploring the Sustainable Approach Towards Bio
	Principal Scientist	mitigation of Contaminants in Paper Industry
	CSIR-Indian Institute of Toxicology	Effluents
	Research (CSIR-IITR), Lucknow, India	Littucitis

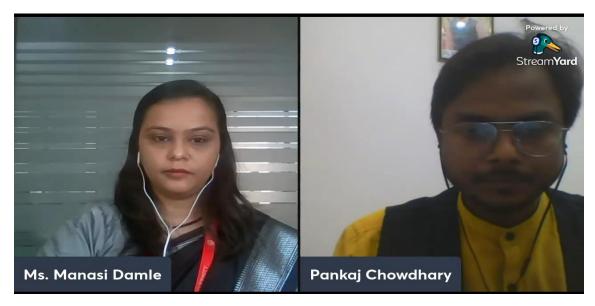
Speaker's Sessions followed Oral/Poster Presentation of Students from different Universities and Colleges. The Valedictory Function was addressed by Dr. Razia Kutty, Head of Department of Microbiology and Life Science.

The team School of Science extended great support in hosting and smoothly conducting this International e-conference.

Event photos/ Screenshots such as (photos of Inauguration, felicitation, event conduction and valedictory ceremony:



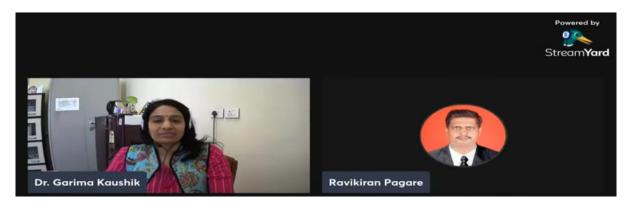


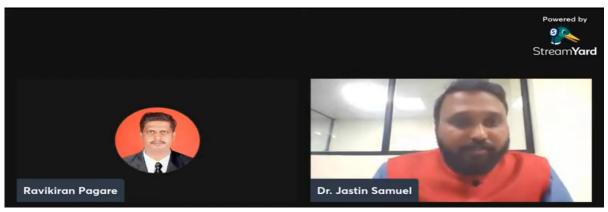


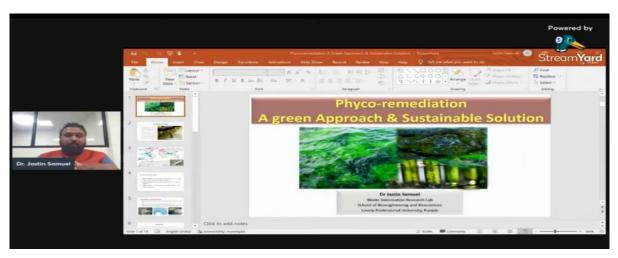


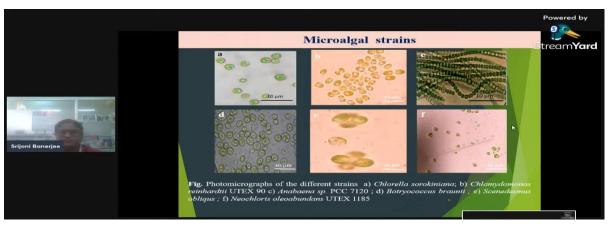






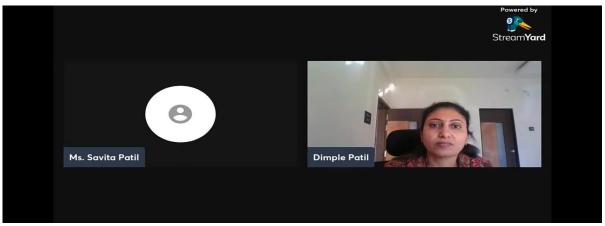














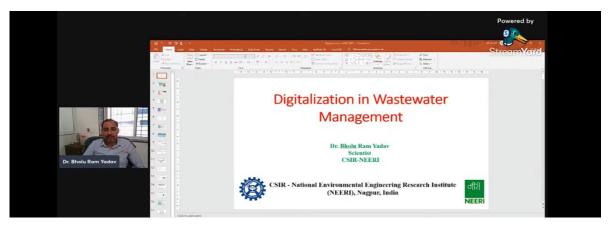






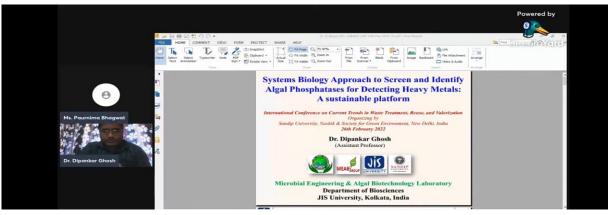


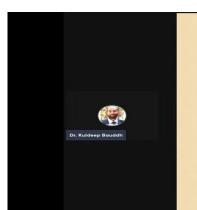












Remediation of metal contaminated soil using an industrially important plant *Ricinus communis*



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Department of Environmental Sciences

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