

Department of Environmental Science and Technology

Central University of Punjab, Ghudda

Subject: M.Sc. Student's (2021-2023) Dissertation Presentation

S.No	Student Name	Registration No.	Project Presentation Title	Supervisor
1.	ROHAN KUMAR DASH	21mscest10	Production and characterisation of biodiesel and bioplastic produced from waste cooking oil.	Dr. Dhanya M.S
2.	PURVI SINHA	21mscest12	Bio- oil production from co- pyrolysis of Rice straw and plastic waste	Dr. Yogalaksmi K.N
3.	MRIDUSMITA DUTTA	21mscest19	Catalytic pyrolysis of Eichhornia crassipes(Water hyacinth) for bio-oil production using CeO ₂ Activated Biochar catalyst	Dr. Yogalaksmi K.N
4.	APARNA DOLEY	21mscest21	A study on the impact of government policies on paddy straw burning in Majha region of Punjab.	Dr.Sunil Mittal
5.	MRIDULA MANDAL	21mscest23	Spatio-Temporal assessment of LULC of Harike Wetland in Punjab using RS and GIS.	Dr.Sunil Mittal
6.	SAMARENDRA SAHOO	21mscest24	Design and development of Constructed wetland-	Dr.Sunil Mittal

			microbial fuel cell(CW-MFC) for the treatment of grey waste water of the IMMT campus	
7.	SARBAGYAN PRIYADARSHINI PATRA	21mscest25	Screening of plasticizers along the stretch of river Yamuna, Delhi, India	Dr. Yogalaksmi K.N
8.	RIYA	21mscest32	Screening of Contaminants of Emerging Concern in the sediment of River Tawi ,Jammu	Dr. Yogalaksmi K.N
9.	MANVI BHARTI	21mscest39	A study on the impacts of government policies on paddy straw burning in selected districts of the Malwa region of Punjab, India .	Dr.Sunil Mittal
10.	KSHYATI MISHRA	21mscest40	Phytoremediation of selected heavy metals and hydrocarbons in oil-contaminated soil using <i>Bryophyllum pinnatum</i> .	Dr. Dhanya M.S
11.	TANVI CHOUDHARY	21mscest02	Chemometric analysis of groundwater in Jaipur district of Rajasthan, India	Prof. V.K. Garg
12.	GOVIND KUMAR	21mscest04	Accumulation and Translocation of potentially toxic elements in rice (<i>Oryza sativa</i>) & their association with soil physicochemical properties – a study	Dr. P. K. Sahoo

			from Malwa region, Punjab, India	
13.	MUHAMMED SUFAIL	21mscest06	Efficiency of Cellulase enzyme for deinking of waste office papers and it's application for bioethanol production	Dr. Dhanya M.S.
14.	RAMESWAR BEHERA	21mscest09	Heavy metal accumulation in rice from Doaba region of Punjab, India	Dr. P. K. Sahoo
15.	RAJ KUMAR SINGH	21mscest15	Study of relationship between Urban Heat Island and Urban Pollution Island in Patna District of Bihar, India	Prof. V.K. Garg
16.	AISHWARYA	21mscest20	Environmental Clearance for different steel industries (Internship)	Prof. V.K. Garg
17.	DIBYAJIT PARIDA	21mscest29	Investigation on the effect of orange peel extract on sugar recovery and ethanol production from alkali-pretreated rice straw.	Dr. Dhanya M.S.
18.	MEGHA KUMARI	21mscest30	EC of steel rolling mills	Prof. V.K. Garg
19.	ARUNIMA K R	21mscest34	Daily and Monthly variation in surface ozone and nitrogen dioxide in CUP campus and its relationship	Dr. Ajay Kumar

			with meteorological factors	
20.	ASWATHI PRABHAKARA	21mscest35	Abundance and characterization of airborne microplastics in CUPB campus	Dr. Ajay Kumar
21.	SAJANA K V	21mscest01	Polyhydroxyalkanoate production from polyethylene pyrolysis wax by bacterial consortium from hydrocarbon contaminated soil.	Dr. Dhanya M.S.
22.	GIRISH NANDINI	21mscest03	Hydrogeochemistry of groundwater with respect to crop health in Barnala district of punjab	Dr. P. K. Sahoo
23.	DEVAPRIYA	21mscest11	Investigation of Water Soluble Ions and Organic Carbon in Size Segregated Aerosols in CUP Campus Bathinda	Dr. Ajay Kumar
24.	MAHIR YUNUS CH	21mscest13	Variation and Source Characterisation of Metal Elements in Fine and Coarse Size fraction of Aerosol	Dr. Ajay Kumar
25.	AYUSH TIWARI	21mscest17	Study of the Urban Heat Island formation in the capital city of Lucknow, Uttar Pradesh, India.	Dr. Yogalakshmi K. N.
26.	TANMAY KISHOR JOSHI	21mscest22	Seasonal Distribution of Non-Polar Organic	Dr. Ajay Kumar

			Aerosols at a Rural Site in Bathinda	
27.	DEEPTI PRAVA SAHOO	21mscest27	Heavy metal accumulation, translocation and its association with soil physicochemical properties of wheat in Bathinda	Dr. P. K. Sahoo
28.	MONIKA RAI	21MSCEST31	Investigating the Aerosol Load in Patna district, Bihar using Satellite Remote Sensing.	Dr. Ajay Kumar
29.	FAYAZ AHMAD	21mscest37	Study of Spatio-Temporal distribution of snow cover in the Trans-Himalayan region of Ladakh, India	Dr. Ajay Kumar

Industrial Collaboration

S.No	Student Name	Registration No.	Project Presentation Title	Supervisor
1	AISHWARYA	21mscest20	Environmental Clearance for different steel industries (Internship)	Prof. V.K. Garg
2	MEGHA KUMARI	21mscest30	EC of steel rolling mills	Prof. V.K. Garg

Collaboration With institute outside University

S.No	Student Name	Registration No.	Project Presentation Title	Supervisor
1	SAMARENDRA SAHOO	21mscest24	Design and development of Constructed wetland-microbial fuel cell(CW-MFC) for the treatment of grey waste water of the IMMT campus	Dr.Sunil Mittal