

Jesus and Mary College

(University of Delhi)

Chanakyapuri, New Delhi-110021



National Conference

On

Innovative Approaches to Plastic Free India

Programme Schedule

28th February 2020

Sponsored by
Oriental Bank of Commerce

ओरियन्टल बैंक ऑफ़ कॉमर्स

(भारत सरकार का उपक्रम)

जहाँ प्रत्येक कर्मचारी प्रतिबद्ध है



Oriental Bank of Commerce

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Where every individual is committed

Programme Schedule

28th February 2020

Venue: Thevenet Hall, JMC

REGISTRATION

9:00 A.M. – 10:00 A.M

INAUGURAL SESSION

10:00 A.M. – 11:00 A.M

Lighting of the Lamp — Principal, Chief Guest and Keynote Speaker

Welcome Address — Sr. (Dr.) Rosily T.L rjm, Principal, Jesus and Mary College.

About the Convention — Dr. Mani A. Nandhi, Conference Convener, Jesus and Mary College

Inaugural Speech — “*The Economics of Marine Plastic Pollution in India*” by Chief Guest, Professor Saudamini Das, NABARD Chair, Institute of Economic Growth, University of Delhi

Special Address — “*Plogging Your Way through the Plastic Pollution*” by Mr. Ripu Daman Bevli, Founder and CEO, Ploggers of India and FIT India Ambassador

Keynote Address — “*Innovation is the Key to overcome Plastic Pollution in India*” by Ms. Vidya Amarnath, Director, Paterson Energy Pvt. Ltd., Chennai

COFFEE BREAK

11:00 A.M. – 11:30 A.M

PANEL SESSION

11:30 A.M. – 1:00 P.M

Panel Discussion on “*Plastics in Environment and Eco Systems – Challenges for Human Health and Welfare*”

Venue: Thevenet Hall

Chair : Professor Saudamini Das, NABARD Chair, Institute of Economic Growth, University of Delhi

Dr. Anand Krishnan, Professor at the Centre for Community Medicine at AIIMS New Delhi — “*Community Based approach to make India Plastic Free*”

Ms. Archana Chatterjee, Project Manager and Lead, the Mangroves For Future Initiative in India and National Coordinator at International Union of Conservation of Nature, India office — *“Sustainable EcoSystems for Life”*

Dr. T.K. Joshi, Member, Central Pollution Control Board; Member, Delhi Pollution Control Committee; Adviser, Environment Ministry, Government of India — *“Toxicity of Plastics and Human Health”*

Ms. Richa Malik, Founder and Director, The Happy Turtle. (Happy Turtle OPC Private Limited) Anti Plastic Consultant, Entrepreneur — *“Impact of Plastics Consumption on Aquatic Life & Human Health: Way Forward to a Plastic Free Life Style”*

Ms. Sameera Satija, Citizen Volunteer for Sustainable Waste Management for Chemical Free Life — *“Attitude of Urban Delhi Citizens in Plastic Waste Disposal: Need of the Hour to be a Responsible Citizen”*

LUNCH AND NETWORKING BREAK

1:00 P.M. – 2:00 P.M

TECHNICAL TRACK I

2:00 P.M. – 3:00 P.M

Plastic in Environment & Ecosystems : Initiatives in Reducing Plastic Pollution
Venue : MPH I

Chair : Dr. Shachi Shah, Associate Professor (Environment Studies), School of Interdisciplinary and Transdisciplinary Studies, Indira Gandhi National Open University, New Delhi

NAME AND AFFILIATION OF PRESENTER	TITLE OF PAPER
Dr. Veeragoni Shirisha and Dr. Bir Abhimanyu Kumar, Assistant Director, Student Registration Division, Indira Gandhi National Open University	“Institutional Initiatives to Control Plastic Pollution- A Case Study Of IGNOU”
Srishti MaliK, M.A. Psychology, IGNOU, Dr. Archana Kumar, Associate Professor and Dr. Ruchi Gaur, Assistant Professor, Department of Development Communication and Extension Lady Irwin College, University of Delhi	“Household Waste Management : A Study in Baghpat, Uttar Pradesh”

Shivani Dagar, Ishika Shah, Kirti Kumari, Kiran Pal, Department of Chemistry, Maitreyi College, DU	“Synthesis of Copper Nano particles Using Non-Biodegradable Waste as well as Using Plant Extract”
Dr. Riti Thapar Kapoor, Assistant Professor (III), Amity Institute of Biotechnology. Amity University, Noida	“Microbial Degradation of Plastic Waste : A Sustainable Approach towards Environmental Protection”
Tarun, Pratibha Kumari, Sanjay Kumar, Department of Chemistry, Deshbandhu College, DU	“An Enhanced Photocatalytic Degradation of Organic Water Pollutants using Functionalized Graphene Oxide Nanomaterial”
Dr. Ritu Jain, Assistant Professor, Department of Geography, National P.G. College, Lucknow	“Impact of Plastic Pollution on Gomti River and its Environment in Lucknow”
Soumya Varghese, Research Scholar and DR. Jagathy Raj V. P, Professor, School Management Studies, Cochin University Science and Technology (CUSAT)	“Green Process Innovation : An Efficient Manufacturing Strategy for a Better Future”

TECHNICAL TRACK II

2:00 P.M. – 3:00 P.M

Impact of Plastic Pollution on Environment & Health : Challenges and Lessons Venue : MPH II

**Chair : Dr. Chirashree Ghosh, Associate Professor, Department of
Environment Studies, University of Delhi**

NAME AND AFFILIATION OF PRESENTER	TITLE OF PAPER
Gyanendra Singh, Student, IGNOU	“Eco-Impact of Plastic and Paper Shopping Bags”
Bhupesh Gupta, Shrimant Madhavrao Scindia Govt. Model Science College Gwalior and Surbhi Mittal, Kisan Post Graduate College Simbhaoli, Hapur	“Ecotoxicological Impact of Dioxins on Honey Bee”

Madan Singh, Research Scholar, Department of Management, Faculty of Management & Commerce, Mewar University	“A Study on “Single Use Plastics” Free India by 2022”
Prashant Thote and Gowri.S	“An Analysis of Impact of Institutional Efforts on Awareness of Plastic Pollution among School Students: The Success Story of National Award Winning School”
Manasvi Bansal, Student, MBA (Business Sustainability), TERI School of Advanced Studies	“Circular Economy of Plastics in India : Making Plastics Sustainable”
Nikhil, Department of Genetics and Plant Breeding, Institute of Agricultural Sciences, Benaras Hindu University and Akansha, Indira Gandhi National Tribunal University, Amarkantak, MP	“Microplastics Pollution through Mosquitoes and their Ecotoxicological Effects on Environment : A Review”
Sohum Krishna, Research Associate, Deshlogue Foundation, Arunachal Pradesh	Lessons from Indigenous Communities Of Arunachal Pradesh In Developing Bamboo To Reduce Plastic.

TECHNICAL TRACK III

3:00 P.M. – 4:00 P.M

Innovative Approaches and Design Strategies for Reducing Plastic Pollution in India

Venue : Thevenet Hall

Chair: Prof. P K Joshi, School of Environmental Sciences and Chairperson, Special Centre for Disaster Research, Jawaharlal Nehru University (JNU)

NAME AND AFFILIATION OF PRESENTER	TITLE OF PAPER
Saman Ali, Teacher, Lucknow Public School and Dr. Hafijullah, Guest Faculty, Department of Geography, Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University	“Remote Sensing and GIS Techniques for Selection of Suitable Plastic Waste Disposal Site in Kanpur”
Mansha Jain, 3rd year, Department of Commerce, Jesus and Mary College, DU	“Renewable Energy and Plastic Management”

Prem Lata Meena, Susmita Dey Sadhu, <u>Nitika</u> , Department of Polymer Science, Bhaskaracharya College of Applied Sciences	“Starch Based Biodegradable Food Packaging”
ENACTUS Jesus and Mary College, University of Delhi	“A Creative Solution for a Plastic Free India: Project in Progress”
Soni Kumari, Shivansh Verma, Shikha Singh, Priya Maheshwari, Sahil Rustagi Pratibha Pandey, Fahad Khan, Department of Biotechnology, Noida Institute of Engineering & Technology, Greater Noida	“Development and Characterization of Starch Based Biodegradable Film from Non-Conventional Starch Sources”
Saba Khanam, Research Scholar	“Selection of Potential Plastic Waste Disposal Site In Lucknow Municipal Corporation Using Geospatial Techniques”
Divya Agarwal, Assistant Professor, Jesus and Mary College, DU	“Roadmap for Global Environmental Initiatives and Policies towards Integral Plastic Waste Management”

VALEDICTORY SESSION

4:00 P.M. – 4:30 P.M.

**Chair: Dr. Jyoti Rana, Dean, Skill Faculty of Management Studies,
Dean, Student Welfare, Incharge, GND Centre for Innovative
Leadership and Entrepreneurship, Shri Vishwakarma Skill
University**

Venue : Thevenet Hall

Rapporteur's Reports

Chair's Summing Up

Vote of Thanks – Dr. Renu Gupta Associate Professor, JMC and Co-coordinator

Organising Team

Sr. (Dr.) Rosily T.L, r.j.m	Principal and Chief Patron
Dr. Mani Arul Nandhi	Conference Convener
Dr. Renu Gupta	Organising Head and Finance
Sr. (Dr.) Molly K.A.	Technical
Ms. Charu Sarin	Promotion, Mementos, Hall/Stage
Ms. Rashi Mukhopadhyay	Registration, stage
Ms. Sukham P. Chawla	Student registration, Certificates
Dr. Christu Doss	Technical, Registration
Ms. Ishita Singh	Technical, Sponsorship, Communication
Ms. Megha Jacob	Background Support, Food
Dr. Roshan Xalxo	Food, Registration
Dr. Divya Agarwal	Publications