



Jesus and Mary College

(NAAC Accredited 'A' Grade)

University of Delhi

Organizes

International Conference

On

Innovative Approaches for Plastic Free India (IAPFI-2020)

26 February, 2020



**Jesus and Mary College
Chanakyapuri, New Delhi – 110021. India**

About the College

Jesus and Mary College was founded in July 1968 as a constituent college of the University of Delhi. It is run by the Sisters of Jesus and Mary Congregation founded by St. Claudine Thevenet in France 1818. The motto of the College is ***THOU ART LIGHT, FILL ME WITH THY LIGHT***. The college focuses on the intellectual, cultural, social, and spiritual development of its students to make them compassionate and committed human beings.

Today the college caters to more than 2500 students – with 10 Honours Programs and B.A. Restructured with 13 subject combinations. It offers courses at both Under Graduate (UG) and Post Graduate (PG) level in different streams along with a range of short-term courses to empower its female students and to prepare them for vocational and professional life. JMC is also the Centre for Non Collegiate Women Education Board (NCWEB) and Indira Gandhi National Open University (IGNOU).

About the International Conference

Globally, plastic and its consumption is one of the most significant challenges to life on earth. According to UNEP, around the world, one million plastic drinking bottles are purchased every minute, while up to 5 trillion single-uses plastic bags are used worldwide every year. In total, half of all plastic produced is designed to be used only once — and then thrown away. Plastic waste is now so ubiquitous in the natural environment that it could even mark dominant influence on ecological climate and the beginning of the Anthropocene Era.

Researchers estimate that more than 8.3 billion tonnes of plastic has been produced since the early 1950s. About 60% of that plastic has ended up either in a landfill or in the natural environment in some form or another. More than 99% of plastic is produced from chemicals derived from oil, natural gas and coal — all of which are non-renewable resources and leave a huge carbon footprints into the environment. If present scenario continues then by 2050 the plastic industry could account for 20% of the world's total oil consumption. However, the more threatening aspect is that only 9% of all the plastic waste ever produced has been recycled, while the remaining 81% has either been dumped in landfills, incinerated or burnt. This not only results in air-borne diseases but also drastically affects marine life. About 8 million tonnes of plastic goes into world's oceans annually.

The durable and non-degradation characteristics of plastic make it nearly impossible to completely break down the plastic items. As a result of which it is never completely disappeared and its particulates remain in the environment. Plastic waste either seeps into the rivers, or oceans, or persists in land for centuries.

According to a study, on an average, each one of us consumes 126 to 142 tiny plastic elements every day and the situation is worse in the developing countries like India where population is high but awareness regarding plastic pollution is low. Consumption of plastic in one form or another is causing lots of physical and mental disorders. It can take hundreds or even thousands of years for plastic to break down, so the damage to the environment is long-lasting. According to Central Pollution Control Board (India), about 70% of the plastic the country consumes is simply discarded and there is no processing of waste in most Indian cities. As a result the world's largest democracy is home to vast trash mountains that loom over the outskirts of major cities, and huge quantities of plastic end up in the water bodies and air.

Aim of the Conference

This International Conference aims at:

- Providing opportunity to the academicians, economists, technologists, scientists, industry experts, researchers, students and civil society members to present and observe their views, innovative ideas and latest research results to make India plastic free.
- Creating awareness and to educate students of different streams and programs for making India plastic free.
- Providing a platform for students, teachers and researchers to discuss and share knowledge and skills to evolve better solutions to remove plastic from ecosystems and environment to make the country plastic free.
- Developing the plan of action, suggestions, methods and procedures using innovative approaches to curb plastic use.
- To disseminate information and documents for better solutions among citizens for plastic pollution management.

Focus Areas

India produces huge amount of plastic pollution, therefore we must act to protect our environment and to improve environmental health of every species. Keeping the above situation in mind, the International Conference on “Innovative Approaches for Plastic Free India (IAPFI-2020)” proposes to meet the objectives of Conference to protect the environment to achieve sustainable development. The scope of conference is not limited but covers broadly the following areas of research:

- *Society and Use of Plastic*
- *Plastic in Environment & Ecosystems*
- *Impact of Plastic Pollution on Environment & Health*
- *Earth Sciences and plastic pollution*
- *Renewable energy and plastic management*
- *Confronting the plastics challenge with efficient manufacturing and design strategies*
- *Innovative approaches and best practices for plastic pollution management.*
- *Alternate and social behavior change towards plastic use*
- *Better solutions and alternatives to make India plastic free*

Call for Papers

Papers and posters are invited for presentation from academicians, research scholars, students and corporates in the International Conference based on research in the above mentioned broad themes. Only the unpublished research work via email will be accepted for presentation (oral or poster decided by organizers) in the conference. Guidelines for Abstract and Pa- per submission:

Abstracts not exceeding 350 words should be submitted by email to iapfi2020@gmail.com on or before 10th January, 2020. Title of the paper to be centered and bold; Name & Affiliation of author(s) along with contact details to be mentioned. Font style – Times New Roman, size – 12, single spaced, Justified alignment with 4-5 keywords to be types in MS Word.

The **Full Paper** shall include - Abstract (with 4-5 keywords), Title (centered and bold), Name of the Author(s), Affiliation and contact details followed by Introduction, Statement of Problem, Aim & Objective, Methodology, Data Use & Analysis, Findings, Result, Conclusion, Acknowledgement, References. The paper of maximum 6 pages (approx. 3000 words) in Times New Roman with font size 12 should be submitted **only through e-mail:** iapfi2020@gmail.com

Best Poster Presentation Award

Young researchers, below the age of 30 years (proof of age to be furnished) to be selected for best poster presentation will be awarded a Certificate of Honour (1st position, 2nd position and 3rd position).

Important Last Dates

Submission of Abstract:	January 10, 2020
Notification of Acceptance:	January 20, 2020
Submission of Registration Fee:	January 25, 2020
Submission of Full Paper:	February 10, 2020
Conference Date:	February 26, 2020

Registration Fee

Delegates/Participants	Early Bird Registration (Upto January 25 th , 2020)	Normal Registration (After January 25 th , 2020)
Students (UG & PG)#	INR 100	
Research Scholars #	INR 300	INR 400
Faculty Members/ Scientists	INR 500	INR 600
Industry/MNCs/Publishers	INR 1000	INR 1200
Accompanied person/ spouse (without kit)	INR 500	INR 600
International/ overseas participants	USD 50	USD 60

*Registration Fee includes conference kit, tea and networking lunch;

#Valid ID/ Letter from HOD/ Institute is required.

- For joint Abstract/ Research papers, registration of all the authors is necessary and at least one author should be there to present in-person. After submission of registration fee online, please send proof/ evidence with transaction Id through email.
- Certificates will be given only to registered participants
- Few on the spot registrations are also possible for poster presentation and participation depending on the approval of Organizers, but their Abstract/ Paper shall not appear in Abstract Book/ Proceedings.
- Arrangements for accommodation to be made by the participant itself.

Payments to be made at:

Online banking/ cash deposit at Bank/ NEFT Bank details:

Name of the Bank: Bank of India

Name of the Branch: JESUS AND MARY COLLEGE BRANCH, NEW DELHI-110021

State: Delhi

Name of Account Holder/ Beneficiary: STUDENT SOCIETY A/C-JESUS & MARY COLLEGE

Account Number: 607210110000002

IFSC Code: BKID0006072

MICR Code: 110013109

Branch Code: 006072

Organizing Committee

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Principal, Jesus and Mary College

Conveners: **Dr. Surendra Kumar Yadav & Dr. Mani A. Nandhi**

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Venue

Multipurpose Hall, Jesus and Mary College, San Martin Marg, Bapu Dham, Chanakyapuri,
New Delhi – 110021, India.

JESUS AND MARY COLLEGE

University of Delhi

San Martin Marg, Bapu Dham, Chanakyapuri, New Delhi-110021 (India)

REGISTRATION FORM
(Photocopy of this form can also be used)

International Conference on

Innovative Approaches for Plastic Free India (IAPFI-2019)

February 26, 2020 (Wednesday)

Name: Prof/Dr/Er/Mr/Mrs/Ms.....

Designation.....

Institute/Department/ University/ Organization.....

Postal Address.....

Phone:

Email:

Name of accompanied person/ Spouse etc if any:

Are you presenting paper: YES/ NO

If yes, preferred Mode of presentation: ORAL/ POSTER

(Mode of presentation shall be decided by Organizers according to time slots)

Title of Abstract/ Paper:

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Online banking transaction ID and amount Rs

Name of the Bank and Branch.....

Date:

Signature

Please send filled registration forms with proof/evidence of registration fee paid to:

Convener (IAPFI-2020)

JESUS AND MARY COLLEGE

(University of Delhi)

Chanakya Puri, New Delhi-110021, India. EMAIL: iapfi2020@gmail.com

Important tourist places in and around Delhi

- **Red Fort – Pride of Mughal Dynasty:** The Red Fort is an epitome of the Mughal era in India and is the face of tourist attractions in Delhi. This Fort has declared a UNESCO World Heritage.
- **India Gate – India’s Largest War Memorial:** India Gate was built in 1931 as a memorial for martyrs of World War I and war in Afghanistan at Rajpath, the structure looks amazing in evening lights.
- **Qutub Minar – Majestic Stone Structure:** Qutub Minar was declared as one of the UNESCO World Heritage Site. It is an amazing example of the beautiful Iranian architecture along with Parso-Arabic and Nagari details.
- **Jantar Mantar – World’s Largest Sundial:** Constructed in 1724 by Maharaja Jai Singh of Jaipur, Jantar Mantar is an astronomical observatory. It was also built by Maharaja Jai Singh II.
- **Humayun’s Tomb – The Garden of Tombs:** Among the best places to visit in Delhi, and a world heritage site under UNESCO, Humayun’s Tomb was built in 1570 by Humayun’s wife Haji Begum. It is unarguably one of *the most amazing works of Mughal Architecture*.
- **Akshardham Temple:** One of the largest Hindu temples in the world with its stunning architectural work made of the pink stone and white marble. Located on the banks of the Yamuna River, this Delhi tourist place has lots of exhibits for the visitors. The theme-based garden is really an exciting place to visit here. And while you are here, don’t forget to visit the Sahaj Anand Water Show.
- **ISKCON Temple:** ISKCON is a spiritual institution founded by His Divine Grace A.C. Bhaktivedanta Swami Prabhupada in 1966. You can see the beautiful visual presentations of Bhagavad Gita with colorful lights that create a wonderful effect on the huge screen.
- **Lotus Temple:** Lotus temple in the list of famous tourist places in Delhi and allows 2500 visitors at the same time. For mesmerizing architecture, this building has achieved several awards and rewards.
- **Palika Bazaar and Janpath Market – Shop:** Set up in the late 1970s, it is one of the famous underground market located between the inner and outer circle of Connaught Place.
- **National Museum – Take a leap into History:** The National Museum of India is one of the largest museums in Delhi. The main exhibits of this museum are the vivid collections of Indian and foreign art.
- **The Educational National Gallery of Modern Art – for Art Lovers:** This is one of the major and largest national galleries of modern art. You can visit more than 14000 works of renowned artists, whether national or international at this museum.
- **Okhla Bird Sanctuary – Feel the nature:** Considered one of Delhi’s most fun and exciting places owing to the natural splendor and one of the best places in Delhi for birdwatchers and nature lovers.
- **Visit the Taj Mahal at Agra (about 200 kms from Delhi):** It is one of the wonders of the world so make sure you wake up for sunrise to see the Taj Mahal with some epic colors in the sky shining on the majestic structure. Agra Fort is also important tourist place at Agra. It was the primary residence of the emperors of the Mughal Dynasty up until 1638 when the capital of India was actually shifted from Agra to Delhi, so the complex holds some huge significance in the history of the nation.

For more information you can visit to - <https://www.delhitourism.com/>