



**International Conference
on
Green Energy & Sustainable
Environmental Technology GESET-2023
(Hybrid Mode)**

A special initiative on “OZONE DAY”

16-17 September, 2023

At

Raj Kumar Goel Institute of Technology, Ghaziabad, Uttar Pradesh, India

Jointly Organized by



**Raj Kumar Goel Institute of Technology
5KM Stone, Delhi-Meerut Road, Ghaziabad, Uttar Pradesh, India**

&



Save the Environment (STE), Kolkata/Gurugram

ABOUT THE CONFERENCE

“Life wouldn't be so good on earth if the ozone layer wouldn't be there”. Justifying these words, the Montreal Protocol on Substances that Deplete the Ozone Layer was signed in 1987 by United Nations General Assembly and thus September 16 was observed as International Day for the Preservation of the Ozone Layer. One of the critical compounds that is creating a concern globally is chlorofluorocarbon (CFC) for ozone layer depletion. CFCs contribute to the weakening of the ozone layer and slowly creating an alarming situation all over the world by allowing UV radiation to affect the ecosystem of the earth surface. UV radiation are harmful to plant, animal and human life.

At this International Conference on Green Energy and Sustainable Environmental Technology (GESET 2023), academics, scientists, researchers, industry experts and policy makers will gather to discuss the latest developments in sustainable technologies and materials for harvesting "Green Energy" while also protecting the OZONE LAYER's delicate ecosystem. This conference will also provide a premier interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent developments in the fields of sustainable technology development in order to protect the Earth by mitigating various environmental problems, such as air pollution, water pollution, or other types of pollution. Speakers from research organizations, academia and industry will share their expertise in a variety of fields during the conference specifically:

- i to raise awareness of OZONE DAY and the need of protecting the ozone layer, and
- ii to encourage a new generation of scientists to work for environmental conservation as a goal in their careers.

Students, researchers, and academicians working in fields related to applied sciences and transdisciplinary topics are the target audience for this conference call. The conference is open to delegates from industries, professions, and other connected entities participating in the field of research.

The following themes are included in the conference:

1. **Ozone layer and its Impact on Global Warming**
2. **Green energy harvesting technologies**
3. **“Green Technologies” to create a sustainable earth.**
4. **“Green Material” to create a sustainable earth with respect to the following sub-themes:**
 - ❖ **Air Pollution and Treatment**
 - ❖ **Biodiversity conservation**
 - ❖ **Biotechnology and Environment**
 - ❖ **Desalination**
 - ❖ **Environmental Pollution and Public Health**
 - ❖ **Environmental Risk Management and Environmental Protection**
 - ❖ **Environmental Sustainability and Development**
 - ❖ **Fossil Fuels and Renewable Energy**
 - ❖ **Global Warming and Climate Change**
 - ❖ **Groundwater Pollution**
 - ❖ **Health and Environment**
 - ❖ **Health effects of Ozone Depletion**
 - ❖ **Impact of COVID-19 and other aspect of Health and Disease**
 - ❖ **Innovative Technologies developed and practiced to limit the impact of the Pandemic**
 - ❖ **Oil Spills**
 - ❖ **Ozone Layer Depletion and its Prevention**
 - ❖ **Plastic & Polymer Waste**
 - ❖ **Reuse of Industrial waste towards minimizing the solid**
 - ❖ **Risk Communication**
 - ❖ **Soil Pollution and Treatment**
 - ❖ **Solid Waste Management**
 - ❖ **Waste Management**
 - ❖ **Waste Problems**

- ❖ **Wastewater Pollution and Treatment**
- ❖ **Wastewater Treatment and Reuse**
- ❖ **Any other relevant topic related to main theme**

Raj Kumar Goel Institute of Technology (RKGIT)

Raj Kumar Goel Institute of Technology (RKGIT), is a self-financed institute located in Ghaziabad, India. It is affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow. Raj Kumar Goel Institute of Technology was established in 2000 by late Sri Raj Kumar Goel, a well known industrialist. The institute is recognized by All India Council for Technical Education (AICTE) and Pharmacy Council of India (PCI). The Institute provides education to the students of Engineering, Pharmacy and Management at under graduate and post graduate level. The Institute is well known for its quality of education in the BTech, Management and Pharmacy. The ECE, IT and Pharmacy programmes of the Institute are accredited by NBA of India.

SAVE THE ENVIRONMENT

SAVE THE ENVIRONMENT (STE) is registered NGO whose mission is to spread awareness about the environment, health, and water issues facing the world today? On November 19, 1990, it was established, and that same day it was registered. During the past 32 years, STE has worked in conjunction with a wide variety of organisations, including the All India Institute of Hygiene & Public Health, the AIIH&PH and India Canada Environment Facility, the DRDO Ministry of Defence, the Department of Science and Technology (DST), and the Indian Institute of Management (IIM), Ahmedabad, in order to reduce the adverse effects of arsenic and provide drinking water that is free of the substance. The long-term goal of the society is to protect present and future generations from the myriad threats posed by the environment. The non-governmental organisation (NGO) has been very active in organising a variety of interactive sessions such as conferences (both national and international), workshops, seminars, and awareness programmes among the younger generations. Some of these programmes include poster competitions, quiz competitions, science exhibitions, and webinars.

EXPECTED EMINENT SPEAKERS

Prof. Cecilia Stålsby, Professor, Lundborg, Karolinska Institute, Sweden

Prof. Satinder K. Brar, Professor and James and Joanne Love Chair, in Environmental Engineering, Lassonde School of Engineering, York University, Toronto, Canada

Prof. Linda Schweitzer, Emeritus Professor, Oakland University, Rochester, MI, USA

Prof. Irena Choma, Dept. of Chromatography, Marie Curie-Sklodowska University, Lublin, Poland

Prof. Amitava Adhikary, Research Associate Prof., Dept. of Chemistry, Oakland University, Rochester, MI, USA

Dr. Manoranjan Patri, Former Director, Scientist 'H' & Dr Raja Ramanna DRDO Distinguished Fellow, NMRL, (DRDO), Ambarnath

Dr. Susan Titus, Former Scientist 'G', NMRL, Ambarnath, Mumbai

Dr. Sanjiv Goyal, Chief Scientist & Head, CSIR-NEERI, Delhi Zonal Centre

Shri Sanjeev K. Varshney, Scientist G & Head, International Cooperation, DST, Govt. of India

Dr. P.K. Arora, Scientist G & Head, Technology Missions Div. (Energy, Water & All Other), DST, GOI

Dr. P. G. Dastidar, Former Scientist 'G' & Adviser, Ministry of Earth Sciences, Govt. of India

Dr. Arti Bhatt, Scientist 'F' & Additional Director, CFEES, DRDO

Dr. Kali Sanjay, Chief Scientist, CSIR-IMMT, Bhubaneswar

Prof. Parimal Pal, Professor (HAG), Department of Chemical Engineering NIT Durgapur, West Bengal

Prof. Papita Das, Professor, Chemical Engineering Department, Jadavpur University

Dr. Nupur Bahadur, Senior Fellow & Associate Director, Environment & Waste Management Division, TERI

Dr. Maulin P Shah, Chief Scientist and Head, Environmental Microbiology Lab, Ankelswar, Gujarat, India

Dr. Suraj K Tripathy, Associate Dean, School of Chemical Technology, KIIT University, Bhubaneswar

ORGANIZING COMMITTEE

Chief Patron

Shiri Dinesh Kumar Goel, Chairman, RKG Group

Patrons

Shri Akshat Goel, Vice Chairman, RKG Group

Dr. Laxman Prasad, GP Advisor, RKG Group

Dr. D.K. Chauhan, Ex Director, RKG Group

Dr. B.C. Sharma, Director, RKGIT

Prof. Arunabha Majumder, Chairman, STE, Emeritus Prof., Jadavpur University, Kolkata and Former Dir., AIIHPH, Kolkata

Conveners

Dr. Poonam C. Kumar, Head ASH Dept. RKGIT

Dr. Kshipra Misra, President, Save The Environment & Former Addl. Director, DIPAS (DRDO), Delhi

Co-conveners

Dr. Mamta Goyal, Professor, ASH, RKGIT

Mrs. Chhanda Basu, General Secretary, STE

Organizing Secretaries

Dr. Reeta Chauhan, Associate Professor, ASH, RKGIT

Dr. Pratima Sharma, Assistant Professor, ASH, RKGIT

Dr. Sankha Chakraborty, Assistant Professor, School of Chemical Technology, KIIT Deemed to be University, Bhubaneswar & E.C. Member, STE

Dr. Jigni Mishra, Research Associate, IARI, New Delhi & E.C. Member, STE

Joint-organizing Secretary

Dr. Gaurav Gautam, Assistant Professor, IIMT College of Medical Science, IIMT University, Meerut (U.P.)

Other Committee Member

Dr. Suraj K Tripathy, E.C. Member, STE

Dr. Shirsendu Banerjee, E.C. Member, STE

Dr. Jayato Nayak, E.C. Member, STE

Dr. Aradhana Basu, E.C. Member, STE

International Advisory Committee

Prof. Cecilia Stalsby Lundborg, Karolinska Institute, Sweden

Dr. Achintya N. Bezbaruah, Professor, NDSU, USA

Prof. Byong-Hun Jeon, Ph. D., Dept. of Earth Resources and Environmental Engineering, Hanyang University

Prof. Satinder K. Brar, Professor, Lassonde School of Engineering, York University, Toronto, Canada

Prof. Linda Schweitzer, Emeritus Professor, Oakland University, Rochester, MI & Research Scientist at Southern university A&M College in Baton Rouge, Louisiana, USA.

Prof. Amitava Adhikary, Research Associate Professor, Oakland University, Rochester, MI, USA.

Dr. Amit Das, Professor, Leibniz Institute for Polymer, Dresden, Germany

Prof. Delville Marie-Hélène, ICMC, Bordeaux, France

National Advisory Committee

Dr. A.K Datta, Former CCR&D, DRDO, New Delhi

Dr. Sanjeev Kumar Varshney, Scientist 'G' & Head, Intl. Cooperation DST, Govt. of India

Dr. P.K. Arora, Scientist G & Head, Technology Missions Div. (Energy, Water & All Other), DST, GOI

Dr. Manoranjan Patri, Former Director, Scientist 'H' & Dr Raja Ramanna DRDO Distinguished Fellow, NMRL, (DRDO), Ambarnath

Dr. Sanjiv Goyal, Chief Scientist & Head, CSIR-NEERI, Delhi Zonal Centre

Prof. R.K. Sharma, Co-ordinator, GCNC, Department of Chemistry, University of Delhi, Delhi

Prof. Sunil Kumar De, Head, Dept. of Geography, NEHU, Shillong & VP, Intl. Assn. of Geomorphologists
Dr. P.G Dastidar, Retd. Scientist G, MoES, GOI, Lodhy Colony, New Delhi
Dr. Malti Goel, Chief Executive, Climate Change Research Institute, New Delhi
Dr. Susan Titus, Former Scientist 'G', NMRL, Ambernath, Mumbai
Dr. P. K. Rai, Joint Director, CFEES, DRDO, Delhi
Dr. (Mrs.) Jyoti Sharma, Scientist F, International Cooperation, DST, GOI
Dr. V. Raghunath Reddy, Scientist F, Technology Missions Division (Energy, Water & All Other), DST, GOI
Dr. Neelima Alam, Scientist F, Technology Missions Division (Energy, Water & All Other), DST, GOI
Prof. Md. Husain, Professor, Dept. of Biotechnology, Jamia Milia Islamia, New Delhi
Prof. B. Rupini, Professor, SOITS, IGNOU, New Delhi
Prof. Nupur Bose, Prof. and Head, Dept. of Geography, A.N. College, Patliputra, University, Patna
Prof. A. K. Gupta, Dept. of Biotechnology, Maharishi Markandeshwar (Deemed to be University), Mullana
Prof. Parimal Pal, HAG Professor, National Institute of Technology Durgapur, India
Prof. Papita Das, Professor, Department of Chemical Engineering, Jadavpur University
Prof. Dinesh Rangappa, Professor & Program Coordinator, Dept. of Nanotechnology, VTU, Karnataka
Dr. Kishor Amin, Scientific Officer-F, Co-investigator, ICGC-ACTREC, Mumbai
Dr. Nupur Bahadur, Senior Fellow & Associate Director, Environment & Waste Management Division, TERI
Dr. Sushil Kumar Singh, Scientist-F, Solid State Physics Lab., Lucknow Road, Timarpur, Delhi
Dr. Kalpana Bhargava, Additional Director/Scientist "F", GPS Division, High Energy Material Research Lab (HEMRL), Defence Research and Development Organization (DRDO), Ministry of Defence, Government of India, Sutarwadi, Pashan, Pune, Maharashtra
Prof. Jayashree Bhattacharjee, Former Director & Hod Dept. of Bio Chemistry Faculty of Medical Sciences DU
Dr. Mukesh Sharma, Scientist 'E' & OIC NIH, Roorkee
Dr. Gopinath Halder, Professor, National Institute of Technology Durgapur, India
Dr. Ajay Mandal, Professor, Department of Petroleum Engineering, IIT (ISM) Dhanbad
Dr. Tarun Kumar Naiya, Associate Professor, Department of Petroleum Engineering, IIT (ISM) Dhanbad
Dr. Maulin Shah, Chief Scientist & Head, Enviro Technology Ltd., Ankleshwar, Gujarat, India
Mr. Chaturmukh Pattanaik, Former Executive Director, Delta Steel, Nigeria

Conference Venue

Conference Hall, Raj Kumar Goel Institute of Technology (RKGIT), 5KM Stone Delhi, Meerut Road, Ghaziabad, Uttar Pradesh

Call for Papers

The participants are invited to submit their abstracts and full length papers on the theme and sub themes of the Conference. Abstract should be limited to 300 words (excluding title, name, designation, affiliations, and keywords). Page set up: A4 paper, margin: left (3cm), right (2cm), top (3cm) and bottom (3cm). The title must be less than 200 characters, bold 14 point Times New Roman and in center. For the text of abstract, 10 point Times New Roman in sentence case should be in justified alignment with "single line" spacing followed by maximum of 5 keywords. Abstract/ full length paper should be uploaded only through designated link (to be updated in the website). Best full length manuscript will be published in INTERNATIONAL JOURNAL OF ENVIRONMENT AND HEALTH SCIENCES after thorough review process.

Poster Presentation

Papers are invited for poster presentation. The poster should be related with the topic and sub themes of the Conference. The poster size should be 3 feet Width x 4 feet Length.

Best Oral and Best Poster Awards

In addition, the Best Oral Presentation and Best Poster Awards are given away during the Conference.

Plagiarism Policy

Authors should submit their original and unpublished research work, which is not under consideration for publication elsewhere. Authors are also requested to kindly refrain the full length paper from plagiarism. Manuscripts found to be plagiarized during any stage of review will be rejected.

Conference Registration Link

<https://www.stenvironment.org>

Calendar and Deadline

Abstract submission starts:

1st June, 2023

Registration starts

1st June, 2023

Last Date for Abstract Submission:

30th August, 2023

Acceptance of abstract:

5th September, 2023

Full Paper Submission:

10th September, 2023

Registration Fee

Faculty/Scientist:

Rs. 3000/-

Rs. 3500/-

Research Scholar:

Rs. 1200/-

Rs. 1500/-

Students (PG/UG)

Rs. 1000/-

Rs. 1200/-

School Student

Rs. 800/-

Rs. 1000/-

Industry:

Rs. 5000/-

Rs. 5500/-

Foreign Delegates:

USD 100/-

USD 110/-

LINKS FOR REGISTRATION

<https://www.stenvironment.org/geset2023>

<https://docs.google.com/forms/d/15n2EQLjOcvl6SnvxUEJ1U2qGkDTxV9b8im2hirz-qTU/prefill>

Bank details for Electronic Transfer

Account Name: Save The Environment

Account Number: 38041963371

Bank and Branch: State Bank of India, Lake Town, Kolkata

IFSC Code: SBIN0001506

Google Pay to: Mrs. Chhanda Basu; Mobile No. 9830779260



UPI ID: chhandabasu399@oksbi >

Scan this code to pay me

STE AWARDS AT GESET 2023

(Last date to apply: 25th August, 2023)

The organizing committee recognizes the merit and achievements of individuals who have contributed to the field of environmental science, education and social values to confer awards. For more information on STE awards, mail us on info@stenvironment.org or log on to website: <https://www.stenvironment.org/>

To avail STE Awards please become STE Life Member and register in the GESET-2023. Also, it is compulsory to send abstract in the conference. This special offer is only for the GESET-2023 conference. The enthusiasm of the contributors who have contributed in different fields of science and social service with their excellence, expertise and approach towards achieving certain goals for the society. Recognition of such extraordinary activities is eventually very important to boost their confidence and to honour them for what they have done for the science and society.

STE confers following categories of awards and honors to such eminent personalities:



STE Dr. APJ Abdul Kalam Award
STE Dr. Praloy O Basu Life Time Achievement Award
STE International Achiever Award
STE Fellowship Award
STE Green Excellence Award
STE Meritorious Award for Excellence in Academics and Research
STE Water Award
STE Women Excellence Award
STE Best Ideas/Innovations/Technology for Environment Award
STE Young Researcher (Faculty) Award
STE Young Researcher Award
STE Best School Principal Award
STE Best Teacher Award
STE Humanitarian Award for NGOs

For more information, please log on to our website: www.stenvironment.org/ste-awards/

INTERNATIONAL JOURNAL OF ENVIRONMENT AND HEALTH SCIENCES

This journal is being published by Save the Environment. Send your manuscripts for peer-review by e-mail. The authors must mention address, Contact Nos. and E-MAIL ID in their forwarding letter. Proof will be sent for correction before publishing. A pledge for originality will be signed by the authors. We are pleased to announce that the DOI prefix for International Journal of Environment and Health Sciences is now available from Crossref, the official Digital Object Identifier (DOI). The journal is now indexed in International Scientific Indexing (ISI).

For further details, please contact, Chief Editor at: ijehseditor@gmail.com or visit our website: www.stenvironment.org



Contact for more details

Dr. Sankha Chakraborty (Organizing Secretary): 9614633977
Dr. Jigni Mishra (Organizing Secretary): 8447522389
Dr. Gaurav Gautam (Joint Organizing Secretary): 9760477960
E-mail: geset2022@gmail.com / info@stenvironment.org

STE SECRETARIAT

SAVE THE ENVIRONMENT (STE)

(A SOCIETY FOR RESEARCH, AWARENESS & SOCIAL DEVELOPMENT)

Head and Registered Office: 12, Diamond Harbour Road, Kolkata-700 063

NCR Office: Flat No. 1107, Block 17, Heritage City, MG Road, Gurugram

Mobile: 9871372350, 9830779260



E-mail: info@stenvironment.org • Website: www.stenvironment.org

REGISTRATION FORM

16-17 September, 2023

Venue: Conference Hall, Raj Kumar Goel Institute of Technology (RKGIT)
5KM Stone Delhi, Meerut Road, Ghaziabad, Uttar Pradesh

Jointly organized by

 Raj Kumar Goel Institute of Technology 5KM Stone, Delhi-Meerut Road, Ghaziabad, Uttar Pradesh, India	 SAVE THE ENVIRONMENT A Society for Research Awareness and Social Development Kolkata/Gurugram
--	---

NAME	MR./MS./DR./PROF.
DESIGNATION	
ORGANISATION (Full address)	
E-MAIL ID	
MOBILE NO.	
REGISTRATION FEE DETAILS: NEFT/RTGS/ OR ANY OTHER ONLINE WITH REFERENCE NUMBER	
REMARKS (Office Use Only)	

Presentation: ☐ Oral / ☐ Poster (TICK MARK)

Title of Paper:

REGISTRATION

Please fill up the registration form and send it to geset2022@gmail.com

(Signature of Participant)

Please send this registration online when filled.