

**INTERNATIONAL CONFERENCE
ON
ENVIRONMENT, WATER, AGRICULTURE, SUSTAINABILITY AND HEALTH
(EWASH-2021): UNITED TOGETHER IN THE BATTLE AGAINST PANDEMIC
&
3rd Annual Meet of STE
21 to 22 January, 2022 (ONLINE)**

Jointly organized by



In association with



CSIR-National Environmental
Engineering Research Institute
Delhi Zonal Centre (DZL)



The Royal Society of Chemistry
North India



Environment And Social
Development Association (ESDA)
Delhi

DAY 1

Hindu College Delhi University is inviting you to a scheduled Zoom meeting.

Topic: **EWASH**

Time: Jan 21, 2022 09:00 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us02web.zoom.us/j/82205124097?pwd=S2N6R2N4aFRjS1BPNm0zZkthTjNOZz09>

Meeting ID: 822 0512 4097

Passcode: 033006

One tap mobile

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Dial by your location

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+1 253 215 8782 US (Tacoma)

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+1 669 900 6833 US (San Jose)

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DAY 2

Hindu College Delhi University is inviting you to a scheduled Zoom meeting.

Topic: EWASH DAY 2

Time: Jan 22, 2022 09:00 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us02web.zoom.us/j/89936992940?pwd=SnBJZEtZQ04wUFhsdDJ1a3JNdE1KQT09>

Meeting ID: 899 3699 2940

Passcode: 093490

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Dial by your location

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+1 253 215 8782 US (Tacoma)

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+1 312 626 6799 US (Chicago)

+1 346 248 7799 US (Houston)

Meeting ID: 899 3699 2940

Passcode: 093490

Find your local number: <https://us02web.zoom.us/j/kdj0SPhsV7>

PROGRAM SCHEDULE

Day 1: 21st January, 2022

INAUGURAL SESSION

Co-ordinators: Dr. Jigni Mishra and Dr. Sriparna Dutta

9:30-9:40	Welcome of Guests and Opening Remarks
9:40-9:45	Introduction of Organizing Institutions and About the Conference
9:45-9:55	Formal opening of the conference by Prof. Arunabha Majumder , Chief Patron, Emeritus Professor, Jadavpur University, Kolkata and Former Director, AllHPH, Kolkata
9:55-10:05	Welcome of Chief Guest, Guest of Honor and all esteemed dignitaries by Dr. Kshipra Misra , Convener, EWASH-2021; President, Save The Environment & Former Additional Director, DIPAS (DRDO), Delhi Introduction of STE Activities by Dr. Jigni Mishra
10:05-10:15	Address by Prof. Anju Srivastava , Principal, Hindu College, University of Delhi
10:15-10:25	Address by Prof. R.K. Sharma , Honorary Secretary, Royal Society of Chemistry London, North India Section
10:25-10:35	Address by Dr. S.K. Goyal , Chief Scientist and Head, CSIR-National Environmental Engineering Research Institute, Delhi Zonal Centre
10:35-10:45	Address by Dr. Jitendra Nagar , Founder and General Secretary, Environment and Social Development Association (ESDA), Delhi
10:45-10:55	Address by Honorable Chief Guest Prof. Sandeep Verma , Secretary, SERB, Dept. of Science & Technology, Govt. of India & Professor, IIT Kanpur
10:55-11:00	Release of e-Abstract Book
11:00-11:45	STE Annual Awards Ceremony, 2021-Part I Felicitation with STE Dr. APJ Abdul Kalam Award, STE Dr. Praloy O. Basu Lifetime Achievement Award, STE Green Excellence Award, STE Fellowship Award
11:45-12:00	Inauguration of TATVA-The Chemistry Society of Hindu College
12:00-12:05	Vote of Thanks by Dr. Reena Jain , Convener, EWASH 2021 and Vice Principal, Hindu College, University of Delhi

KEYNOTE SESSION	
	<p><i>Chairpersons: Dr. Manoranjan Patri, Former Outstanding Scientist & Director, NMRL (DRDO) & Dr. PG Dastidar, Scientist G, MoES, Govt. of India</i></p> <p><i>Co-ordinators: Dr. Devanshi Magoo and Dr. Nikki</i></p>
12:05-12:30	Prof. H. Ila , Honorary Professor, JNCASR Bangalore, INSA fellow & Fellow FASc: “Organic Synthesis: Health, Sustainability and Efficiency”
12:30-12:55	Dr. Raja Angamuthu , Associate Professor, IIT Kanpur
12:55- 1:15	Special Talk by Mr. Kuldeep Chand, DGM, National Bank for Agriculture and Rural Development [NABARD], New Delhi
1:15-1:20	Remarks by Chairpersons Vote of Thanks by Coordinator
1:20-2:30	Lunch Break& Student Activities <ul style="list-style-type: none"> • Pictionary • Chem-meme
TECHNICAL SESSION 1	
	<p><i>Chairpersons: Dr. Raghunath Bhattacharyya, Visiting Faculty, IEST, Shibpur & Former Emeritus Scientist, NPL, New Delhi and Dr. Kishore Amin, Scientific Officer-F, Co-investigator, ICGC-ACTREC, Mumbai</i></p> <p><i>Co-ordinators: Dr. Neera Sharma, Dr. Richa Tyagi and Ms. Sneha Yadav</i></p>
2:30-4:00	Oral presentations (OP 1 – OP 11)
INVITED TALKS	
4:00-4:25	Prof. Irena Malinowska , Associate Professor, Department of Physical Chemistry, Chemistry Faculty, UMCS (M. Curie-Sklodowska University), Poland: “Nanotechnology and magnetic field in water purification”
4:25-4:50	Prof. Amitava Adhikary , Research Associate Professor, Department of Chemistry, Oakland University, Rochester, MI, USA: “Elucidation of the mechanistic pathways involved in direct interaction of radiation with DNA”
4:50-4:55	Remarks by Chairpersons Vote of Thanks by Coordinator
4:55-5:30	STE Annual Awards Ceremony, 2021- Part II Felicitation with STE International Achiever Award, STE Water Award STE Women Excellence Award and STE Humanitarian Award For NGO <i>Co-ordinator: Dr. Jigni Mishra</i>

Day 2: 22nd January, 2022

TECHNICAL SESSION 2

10:30-10:50	STE Annual Awards Ceremony, 2021- Part III Felicitation with STE Innovation Award and STE Meritorious Award for Excellence in Academics and Research <i>Co-ordinator: Dr. Sriparna Dutta</i>
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Chairpersons: **Prof. Boyina Rupini**, Professor, School of Inter-Disciplinary and Trans-Disciplinary Studies (SOITS), IGNOU, New Delhi and **Prof. G.A. Khan**, Professor, Department of Physiology, Fiji School of Medicine

Co-ordinators: **Dr. Vinita Narula, Dr. Pragya Naulakha and Dr. Gunjan Arora**

INVITED TALKS

10:50-11:15	Dr. Yasmin Ahmad , Scientist 'E', DIPAS(DRDO), Delhi: <i>"Deciphering the Puzzle of Hypobaric Hypoxia: Proteomics, Prophylaxis and Modelling Approach"</i>
11:15-11:40	Mr. Shashank Aggarwal , Randgrow Technologies, Kolkata: <i>"Hydroponics and environment conservation"</i>
11:40-1:00	Poster Presentations (PP 1- PP 20)
1:00-1:15	Remarks by Chairpersons Vote of Thanks by Coordinator
1:15-1:45	Lunch Break
1:45-2:45	Student Activity: Guess Who

TECHNICAL SESSION 3

Chairpersons: **Prof. Sunil De**, Dept. of Geography, North Eastern Hill University, Shillong & Vice President, Intl. Assocn. of Geomorphologists and **Dr. Usha Panjwani**, Scientist 'G', DIPAS (DRDO), Delhi

Co-ordinators: **Dr. Geetika Bhalla, Ms. Manisha Chawla and Dr. Trapti Aggarwal**

INVITED TALKS

2:45-3:15	Prof. Irena Choma , Dept. of Chromatography, Marie Curie-Sklodowska University, Lublin, Poland: <i>"Semi-quantitative thin-layer chromatography – direct bioautography of bioactive food and water contaminants"</i>
3:15-3:45	Prof. Satinder K. Brar , Professor and James and Joanne Love Chair in Environmental Engineering, Lassonde School of Engineering, York University, Toronto, Canada
3:45-4:45	Poster Presentations (PP 21-PP 32)

4:45-4:50	Remarks by Chairpersons Vote of Thanks by Coordinator
VALEDICTORY SESSION	
<i>Chairpersons: Dr. Narendra Singh, Addl. Dir. & Scientist 'F', DIHAR, Leh and Dr. Kalpana Bhargava, Addl. Dir. & Scientist 'F', HEMRL, Pune</i>	
<i>Co-ordinators: Dr. Devanshi Magoo, Dr. Sriparna Dutta and Dr. Jigni Mishra</i>	
4:50-5:00	Welcome of Chief Guest, Shri. S.K. Varshney , Head, International Cooperation, Dept. of Science & Technology, Govt. of India
5:00-5:20	Address by Hon'ble Chief Guest, Shri S.K. Varshney
5:20-5:40	Address by Dr. A.N. Vaidya , Director, CSIR-NEERI, Nagpur
5:40-6:00	STE Annual Awards Ceremony, 2021- Part IV Felicitation with STE Fellowship Award, STE Best School Principal Award, STE Best Teacher Award, STE Young Researcher Award [faculty category]
6:00-6:10	Announcement of Results
6:10-6:30	Concluding Remarks & Vote of Thanks by Dr. Charu Kumar , Co-Convenor- EWASH and Associate Professor, Department of Chemistry, Hindu College, University of Delhi