



SHASTRI Indo-Canadian Bilateral Virtual Conference
on
**GLOBAL WARMING
AND
CLIMATE EMERGENCY**
Visions and Missions
11th – 12th March 2022

Organised under:

SHASTRI CONFERENCE AND LECTURE SERIES GRANT (SCLSG)

THEMES

- Climate change and Indian scenario
- Global warming and food security
- Impact of human life on ecosystem change
- Role of citizens in the climate emergency
- Climate change monitoring technologies and tools

GWCE - 2022

Make a change

For the climate change

ABOUT CONFERENCE

Recently, the COP 26 UN Climate Change Conference took place from 31st October to 12th November 2021 in the Scottish Event Campus (SEC) in Glasgow, UK. Participant nations took a range of decisions in the collective effort to limit global temperature rise to 1.5 degrees. The Action for Climate Empowerment (ACE) re-emphasized the need to empower all members of society to engage in climate action, through education, training, public awareness, public participation, public access to information, and international cooperation on these issues. Hence, SASTRA Students' ExNoRa along with SASTRA management also would like to join hands for the climate actions to combat the nearing climate emergency that will be a threat to mankind on this planet. This Indo-Canadian Bilateral Virtual Conference titled "Global Warming and Climate Emergency-Visions and Missions (GWCE-2022)" will provide a good platform for young climate advocates and action plan members to get inspired by many climate change researchers, policymakers, and experienced climate change experts.

OUR JOURNEY

SASTRA Deemed to be University is one of the India's premier institutions offering undergraduate, postgraduate & doctoral programmes in Engineering, Management, Law, Sciences, Humanities and Education. It was conferred Deemed-to-be-University status in 2001 by the University Grants Commission under Section 3 of the UGC Act 1956. As a comprehensive University, its teaching programmes are complemented by research engagements, consultancy assignments, training, and extension activities. It had been re-accredited by NAAC (third cycle) with a maximum grade of 'A+' (3.54/4.00) and is a Category I Institution based on the UGC's categorization of Universities for Graded Autonomy Regulations, 2018.

SHASTRI INDO-CANADIAN INSTITUTE: The Shastri Indo-Canadian Institute has been fostering scholarly activities between India and Canada over the past fifty years. The institute strengthens the bi-national links between academia, the business community, and civil society organizations by funding various research and hosting seminars. SICI is the only institution that has 116 premier academic institutions in India as its members, and 39 universities in Canada. The mission is to further widen the intellectual and cultural linkages through progressive research.

SASTRA Students' ExNoRa is a student activity group at SASTRA Deemed to be University involved in environmental-related activities. We are part of ExNoRa International, a non-governmental environmental service organization started in 1989 in Chennai, Tamil Nadu, India, by M. B. Nirmal, a social activist. It focuses on preserving nature and preventing environmental degradation.

OUR COMMITTEE

Chief Patron:
Dr. S. Vaidhyasubramaniam,
Vice-Chancellor, SASTRA Deemed to be University.

Patron:
Dr. S. Swaminathan,
Dean (Planning & Development)

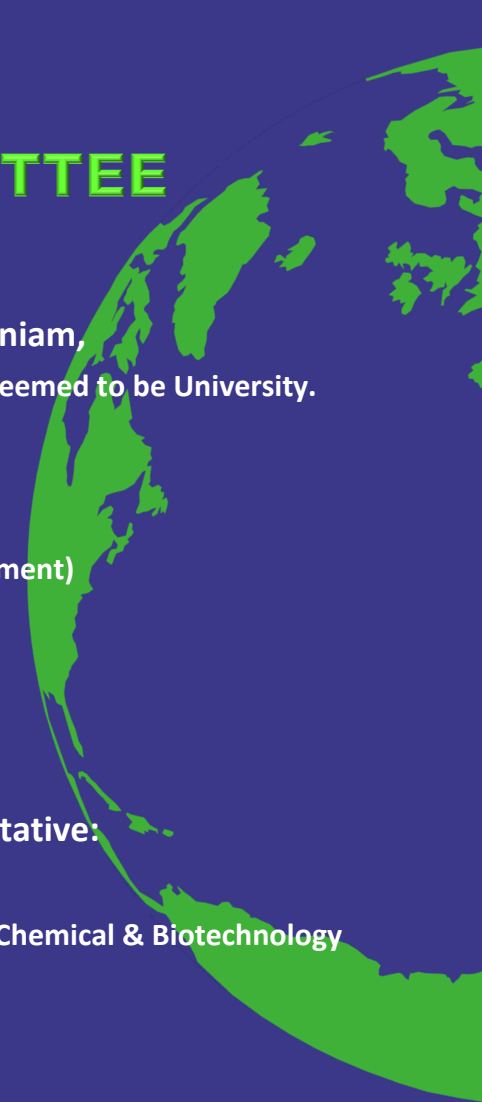
Chair Person:
Dr. R. Chandramouli,
Registrar

SICI Member Representative:
Dr. V. Ponnusami,
Associate Dean, School of Chemical & Biotechnology

Convener:
Dr. V. Badrinath,
Dean, School of Management & Corporate Relations
SASTRA Deemed to be University

Organising Committee:
Dr. Senthil Visaga Ambi, SCBT
Dr. Vinod Kumar N, SCBT
Dr. Suma Mohan S, SCBT

Program coordinators :
Dr. K. Palaksha Reddy, SoME
Dr. V. Vidya, SASH
Dr. R. Kavitha, SoC
Dr. P. Saravanan, SoC
Mr. M.P. Karthikeyan, SoC
Mr. M. Thalaimaichamy, EEE
Mr. T. Nirmalraj, EEE
Mr. Kumaravel Raja R, SoL
Team, SASTRA Students ExNoRa



PROGRAMME SCHEDULE

Speakers

DAY 1 (11th March 2022)

Prof. B. Hariharan Vice-President, Shastri Indo-Canadian Institute, New Delhi	2:00 PM
Padmashri S. Damodaran Founder, CEO, Gramalaya, Trichy	2:15 PM
Dr. Santonu Goswami Associate Professor, Azim Premji University Founder, Climate Community Lab	2:30 PM – 3:30 PM
Prof. M. Govindaraju Head, Department of Environmental Biotechnology, Bharathidasan University	3:30 PM – 4:30 PM
Dr. N. Parasuraman Principal Scientist, M S Swaminathan Research Foundation, Chennai	4:30 PM – 5:30 PM

DAY 2 (12th March 2022)

Dr. Yogesh K. Tiwari Scientist E, Indian Institute of Tropical Meteorology (IITM), Pune	2:00 PM – 3:00 PM
Dr. Priyadarsanan Dharmarajan Senior Fellow & Program, Ashoka Trust for Research in Ecology & the Environment (ATREE), Bengaluru	3:00 PM – 4:00 PM
Mr. Arun Krishnamurthy C. Environmental Activist, Environmentalist Foundation of India (EFI), Chennai	4:00 PM – 5:00 PM
Dr. Noori Saady Assistant Professor, Environmental Engineering, Memorial University of Newfoundland, Canada	6:00 PM – 7:00 PM
Dr. Wudneh Ayele Shewa Technical Solutions and Project Manager, Bishop Water Technologies, Canada	7:00 PM – 8:00 PM
VALEDICTORY FUNCTION	8:00 PM – 8:30 PM



SCAN TO REGISTER



Or click here to register:

<https://forms.gle/QBe5MELZukExQnEt8>

Last date for registration

4th March 2022

Registration Fees **₹50/-**

For more details visit:

<https://www.sastra.edu/gwce2022/>

Contact Us:

Harika Palamani 9701033132
Ranjith Kumar Kondur 9912003216

gwce2022@sastra.ac.in

STUDENTSEVENTS

CLIMATHON – Hackathon

With the solution demanding ideas from diverse fields, there must be no greater chance than a hackathon to throw light on your ideas and work on solutions that are likely to make a difference, no matter how small or big it is, because saving our world from global warming and addressing climate emergencies is the need of the hour. So make your ideas into reality with this hackathon.

Video/ Song/ Short film making Contest

Through the power of visual media bring forth your creativity to generate awareness about global warming and its aftereffects for the upcoming generation.

Poster Making/ Drawing Contest

Bring life to your imagination with this contest by creating an artwork or designing a poster to spread awareness about Global Warming.

GWCE-2022 Quiz competition

How well do you know the climate crisis? Test your knowledge with this quiz about global temperature change and its impact on Earth's climate.

Global Warming Elocution

Let your voice be heard! Come up with a talk that explains the problems and innovative remedies from a pool of topics regarding Global warming and the UN Sustainable Goals.

e-certificates will be provided to all the finalists

EXCITING PRIZES

AWAIT YOU !



SASTRA
ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION
DEEMED TO BE UNIVERSITY
(U/S 3 OF THE UGC ACT, 1956)

THINK MERIT | THINK TRANSPARENCY | THINK SASTRA



L'INSTITUT SHASTRI INDO-CANADIEN
SHASTRI INDO-CANADIAN INSTITUTE

Global Warming and Climate Emergency-Visions and Missions (GWCE-2022)

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SHASTRI CONFERENCE AND LECTURE SERIES GRANT

11 & 12th March 2022

Day 1 (11-02-2022)



2:00 pm

Padmashri S. Damodaran

CEO, Gramalaya Group

Inauguration and keynote lecture



2:30 pm- 3:00 pm

Dr. Santonu Goswami

Associate Professor

Azim Premji University, Bengaluru, India,

Founder: Climate Community Lab



3:30 pm- 4:30 pm

Dr. Govindaraju M

Head, Department of Environmental

Biotechnology,

Bharathidasan University, Trichy, India



4:30 pm- 5:30 pm

Dr. N. Parasuraman

Principal Scientist, MS Swaminathan

Research Foundation, Chennai, India

Day 2 (12-02-2022)



2:00 pm- 3:00 pm

Dr. Yogesh K Tiwari

Scientist-E, Indian Institute of Tropical

Meteorology (IITM), Pune, India



3:00 pm- 4:00 pm

Dr. Priyadarshan Dharmarajan

Senior Fellow & Program Leader,

ATREE, Bengaluru, India



4:00 pm- 5:00 pm

Mr. Arun Krishnamurthy

Environmental activist, India



6:00 pm- 7:00 pm

Dr. Noori Saady

Assistant Professor, Department of Civil

Engineering, Memorial University of

Newfoundland, Canada



7:00 pm- 8:00 pm

Dr. Wudneh Ayele Shewa

Technical Solutions and Project

Manager, Bishop Water Technologies,

Canada



8:00 pm- 8:30 pm

Valedictory function

**Many more
events to
excite you!**

Convenor

Dr. V. Badrinath,

Dean, Corporate Relations & Extension Activities

SASTRA Deemed University, Thanjavur, India

Organizing Team

Dr. Senthil Visaga Ambi, Associate Professor

Dr. Suma Mohan, Assistant Professor-Research

Dr. N. Vinod Kumar, Assistant Professor-Research

Team SASTRA Students EXNORA

Global Warming and Climate Emergency-visions and missions (GWCE-2022)

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On March 11th & 12th, 2022

Schedule for the event:

Date	Time	Speaker	Title
11/03/2022 (Day 1)	2.00 PM	Padmashri S. Damodaran <i>Founder, CEO, Gramalaya Group</i>	Inauguration of the Conference
	2.30 PM - 3.30 PM	Dr. Santonu Goswami <i>Associate Professor</i> <i>Azim Premji University, Bengaluru, India</i> <i>Founder: Climate Community Lab</i> (http://cclindia.org)	Climate change and Indian scenario (Keynote lecture)
	3.30 PM - 4.30 PM	Prof. M. Govindaraju <i>Head-Department of Environmental Biotechnology, Bharathidasan University, Tamil Nadu, INDIA</i>	Climate change monitoring using remote sensing and geographical information system technologies
	4.30 PM - 5.30 PM	Dr. N. Parasuraman <i>Principal Scientist,</i> <i>M S Swaminathan Research Foundation, Chennai, India</i>	Global warming and food security
12/03/2022 (Day 2)	2.00 PM - 3.00 PM	Dr. Yogesh K. Tiwari <i>Scientist E, Indian Institute of Tropical Meteorology (IITM), Pune, INDIA</i>	On understanding effects of global warming in India using observations and modeling tools: Recent developments
	3.00 PM - 4.00 PM	Dr. Priyadarsanan Dharmarajan <i>Senior Fellow & Program Leader (Ecosystems & Global Change), Ashoka Trust for Research in Ecology & the environment</i>	Impact of human life on ecosystem change
	4.00 PM - 5.00 PM	Mr. Arun Krishnamurthy <i>Environmental activist,</i> (https://indiaenvironment.org/)	Role of citizens in the prevention of global warming and climate change
	6.00 PM - 7.00 PM	Prof. Noori Saady <i>Assistant Professor</i> <i>Environmental Engineering, Memorial University of Newfoundland, Canada</i>	Impact of climate change and global warming on plants and aquatic life
	7.00 PM - 8.00 PM	Dr. Wudneh Ayele Shewa <i>Technical Solutions and Project Manager, Bishop Water Technologies, Canada</i>	Biogas production from municipal sewage sludge: challenges and opportunities-impact on environment
	8.00 PM - 8.30 PM		Valedictory function