



GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY IPU
NEW DELHI



CENTRE FOR SUSTAINABILITY AND CLIMATE CHANGE (CSCC)

University School of Environment Management



"Pioneering Solutions for a Sustainable Future"



MESSAGE FROM THE PATRON

I am excited to introduce the Centre for Sustainability and Climate Change, a pioneering initiative launched by the University School of Environment Management at our university campus. This new Centre represents a significant step in our commitment to addressing the urgent global environmental challenges we face today, particularly in the realm of sustainability, climate change, and environmental governance and environmental sustainability of Delhi.

At a time when the world grapples with unprecedented environmental issues, ranging from climate change, biodiversity loss, river pollution, and acute resource

depletion, the Centre for Sustainability and Climate Change seeks to be at the forefront of developing innovative solutions. Through our efforts, we aspire to contribute to the global discourse on climate action, while also promoting localized, context-driven strategies that align with India's commitment to specific environmental challenges and opportunities.

It is my sincere hope that this Centre will support a more coherent policy dialogue addressing broader environmental, social, and economic challenges reflected in the global sustainable development agenda. This Centre is not just an academic unit; it is a call to action for all stakeholders concerned with the future of our planet. By creating a space for dialogue, innovation, and collaboration, the Centre for Sustainability and Climate Change at GGS IP University aims to make a lasting impact on both a national and global scale. We invite all those who are passionate about building a more sustainable, equitable, and resilient future to join us in our mission. Thank you for your continued support as we embark on board this transformative journey.

Best wishes,

PROF. (DR.) MAHESH VERMA



MESSAGE FROM THE HEAD

As the Centre Head, I am deeply committed to fostering a learning environment where sustainability and climate change are not just topics of study but areas of action and impact. Today global economy has observed the fruits of sustainability agenda to create, protect and grow long term environmental, social and economic value for all the stakeholders involved in bringing products and services. Sustainability is complex; its compliance and industry practices have developed a proven solution to tackle today's climate and biodiversity challenges for environmentally responsible, socially beneficial, and economically viable proposition.

Our goal is to bridge the gaps between academic research, policy-making, and practical, on-ground implementation of sustainability initiatives. We believe that true progress in these fields can only be achieved when different stakeholders—academics, industry leaders, policymakers, and local communities—work together in a spirit of cooperation and mutual respect. Our vision is to create a hub of excellence that combines rigorous academic inquiry with real-world applications. The Centre is designed to offer a collaborative space for researchers, students, and practitioners to work together on high-impact projects related to climate change mitigation, adaptation strategies, sustainable development, and environmental policy.

The Center's primary mission is to foster an interdisciplinary approach to the study and practice of sustainability and climate change. Our work will focus on generating cutting-edge research, creating new academic curricula, facilitating knowledge exchange, and organizing outreach programs. In doing so, we aim to equip students and professionals with the critical thinking skills, knowledge, and tools required to tackle the complexities of environmental management and climate resilience.

This center is built upon the important research activities performed by the University School of Environment Management (USEM) in the field of Ecology, biodiversity conservation, environmental impact assessment, urban green spaces, climate change, and Natural Resource Management over the past 25 years. We consider that there is still much to be done by the whole knowledge community to raise awareness and develop policy-relevant output for sustainability science and climate change.

PROF. PRODYUT BHATTACHARYA



Guided by a three-tier advisory framework that brings together global vision, national expertise, and programme-level insight through its:

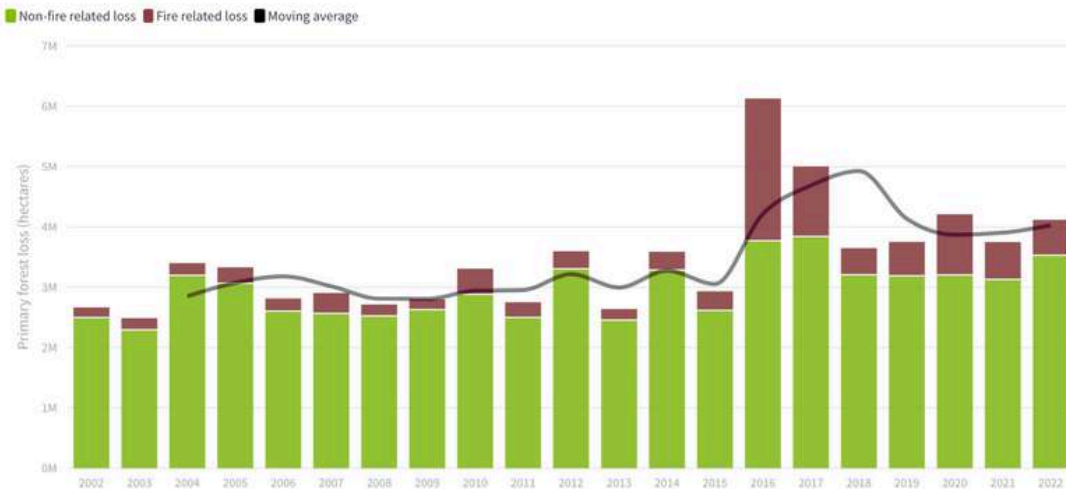
INTERNATIONAL ADVISORY COMMITTEE (IAC)

NATIONAL ADVISORY COMMITTEE (NAC)

PROGRAMME ADVISORY COMMITTEE (PAC)

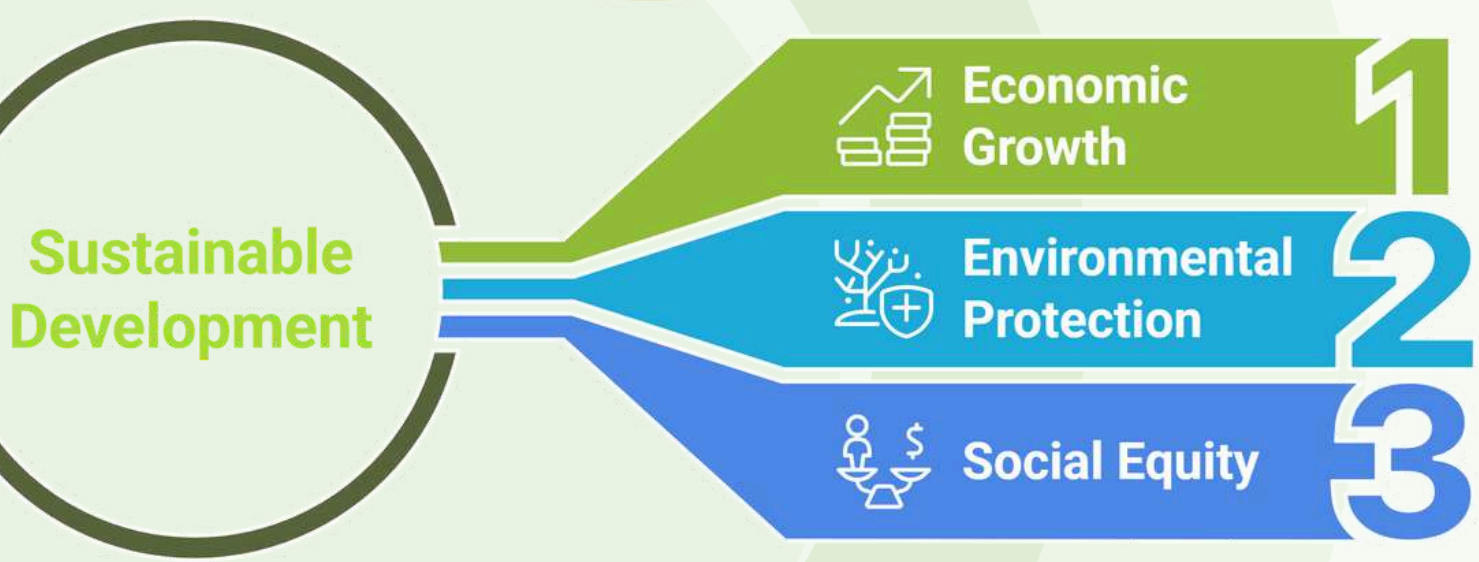
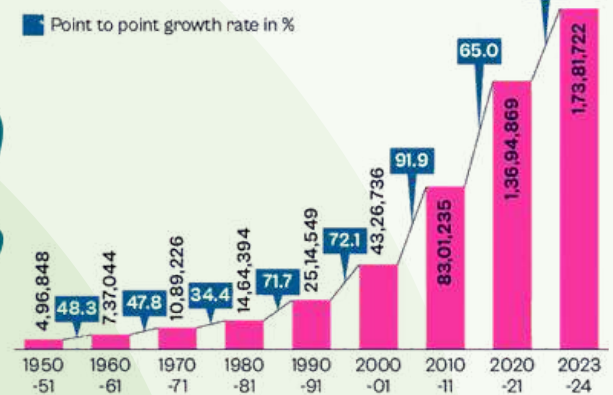


Tropical primary forest loss, 2002-2022



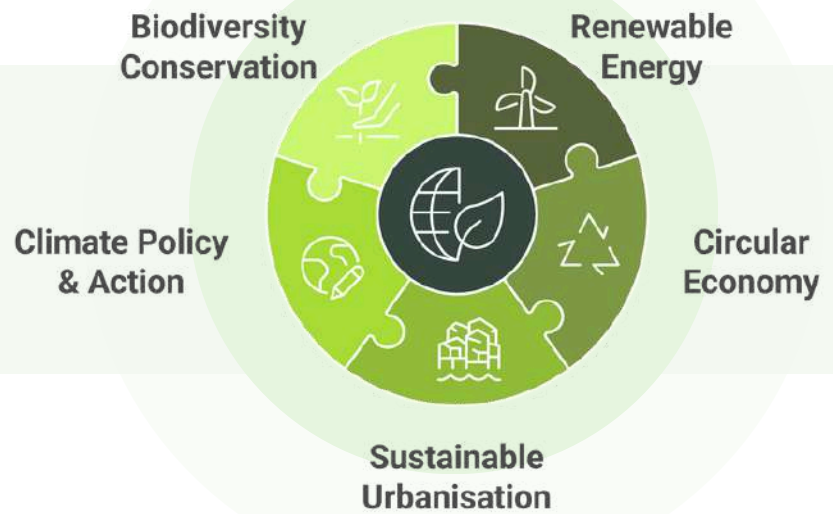
India Grows Richer

Gross Domestic Product (Rs crore) Base Year: 2011-12



Our Focus

Our focus area includes rethinking waste as a resource through circular economies, providing communities with clean energy alternatives, developing greener cities, formulating effective climate policies, and safeguarding the rich diversity of nature. Together, we are transforming environmental challenges into opportunities for positive change.



Activities



Education Program



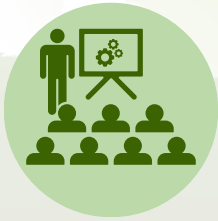
**Workshops/
Seminars**



Skill Enhancement



Networking & Partnership



Capacity Building



Academic Exchange and Involvement



Research



Publications



Expected Outcome

- Address the cross-disciplinary collaboration networks linking academia, government, industry, and communities at national and international level.
- Establish the centre as think tank and knowledge generation hub through innovative research.
- Capacity building of GGSIP University, viz., NGO, Educational Institute, Govt. departments etc. on sustainability and climate change.
- Involvement of capacity support for development in social and environmental impact assessment, and mainstreaming sustainable development.
- Strategic applied/evidence based research in the field of sustainability and climate change.
- Produce publications of influential research papers, policy brief, case studies and reports.
- Consultancy services.
- Training for sustainability professionals to apply circular economy principles across industries.
- Development of a process for monitoring, reporting, and verification, including sustainability reporting and auditing (ESG).
- Establish network for development of frameworks for policies that impact national and local climate action initiatives.

About CSCC

The impacts of climate change are already visible in various ecosystems, affecting forests, fisheries, biodiversity, agriculture, freshwater supply, and human health. The Global Climate Risk Index 2017 ranks India as the sixth most vulnerable nation to the effects of climate change. Because of its large agricultural population and reliance on climatic variables, the country is more vulnerable to the impacts of climate change. Climate change is estimated to cost around 1.5% of agricultural GDP annually (ICAR-NICRA project). To address these challenges, innovative solutions are needed.

The Centre for Sustainability and Climate Change (CSCC), UEM, was established recently in April 2023. CSCC brings together passionate academics and practitioners in a common mission to address our changing climate. Our community of researchers, professors, and students collaborates across disciplines—from environmental science to economics, engineering, and policy to build a robust ecosystem of climate knowledge and innovation.

We believe that rigorous academic inquiry is required for the development of effective, sustainable practices. Our research does not just stay in journals; it is translated into actionable frameworks for communities, businesses, and governments. We are creating evidence for a sustainable future through collaborative fieldwork, laboratory discoveries, and policy analysis. From pioneering carbon-neutral campus initiatives to collaborating with local communities on climate adaptation, we put our research into practice. Our commitment goes beyond simply understanding climate change to addressing it through education, engagement, and the development of tomorrow's sustainability leaders.

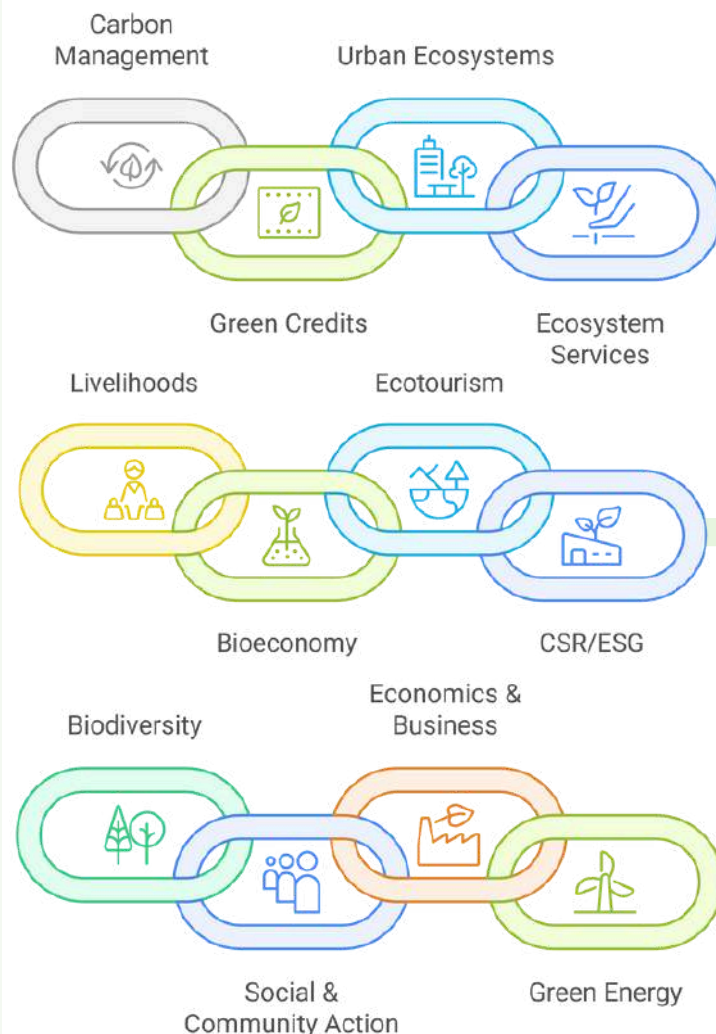
Vision

“We envision a world where communities thrive in harmony with nature, powered by sustainable practices and policies.”

Mission

Our mission is to develop a centre without wall for advance research and innovation to provide solutions for ecological, social, and economic sustainable development plans and address climate change adaptation and mitigation.

Thematic Area



"Ecology is permanent economy. If we destroy nature, we destroy ourselves."
~ Sh. Sunderlal Bahuguna



REVIVE, REGENERATE, & REPLENISH



For more details, please contact:

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