

CENTRE FOR ENVIRONMENTAL RESEARCH

World is at a critical crossroads due to anthropogenic activity since last 150 years and has led to immense environmental degradation. Advances in science and technology has improved quality of life and prosperity in many parts of the world. However hundreds of million of people are vulnerable to the impacts of environmental degradation, natural disasters, hazards, poverty, diseases and variety of other challenges. The climate change due to emission of CO₂ from fossil burning is greatest challenge to be addressed by adopting mitigation and adaptation strategies. The world population is expected to increase to nine billion people by 2050, further depleting Earth's resources.

The broad objective of the centre is to promote environmental issues to catalyze sustainable and equitable development. The center aims to raise an understanding that communities are pivotal to changing attitudes towards environmental issues and advocate partnership that will ensure all nations and people enjoy a safer and more prosperous future.

The centre is working in 11 interconnected global issues climate, energy, water, ecosystems, biodiversity, poverty, public health, food security, hazards, urbanization and technology intervention.

The centre has four functional units:-

1. Climate Change

Coordinator – Dr. J.L. Bhat, Director IASCA, ITM Universe.

2. Environmental Biotechnology

Coordinator – Dr. Raghvendra Saxena (Assistant Professor)

Department of Biotechnology IASCA, ITM Universe

3. Environment Education

Coordinator – Dr. Kuldip Dwivedi (Assistant Professor)

Department of Biotechnology, IASCA, ITM Universe

4. Sustainable Development

Coordinator – Mrs. Trapti Pathak (Assistant Professor)

Department of Life Science, IASCA, ITM Universe