



13 CLIMATE ACTION



Sustainable Development Goal 13 focuses on taking urgent action to combat climate change and its impacts. The goal emphasizes the need for global cooperation to address the adverse effects of climate change and to build resilience against its impacts.

- **Inclusive Curriculum:**

At Sharda University, we undertake introducing students to the conceptual and theoretical aspects related to climatic change and related aspects, through subjects like Artificial Intelligence in Business Environment (DSC085), Biodiversity Conservation and Management (MWE210), Environmental Data Analysis (MWE252), Environmental Impact & Risk Assessment (MWE201), Global Climate System and Sustainable Development (MES109).

In line with the same, a number of events are conducted on a regular basis which focuses on the issues related to climatic change.

- ✓ Online Session on “Theoretical and Computational Studies of Solar Cells and OLED: Research and Innovations” was organized with an aim to make the students and faculties aware of the recent research and innovations related to the theoretical and computational studies in the field of solar cells and OLED. The session enabled the attendees to learn new methods and newly developed softwares for their computational studies on solar cells and OLED.
- ✓ ‘Swachhata Hi Sewa Campaign’ was organized by the National Service Scheme (NSS) Cell, Sharda University with a view to eliminate use of plastic and to dispose plastic waste in Sharda University Campus.
- ✓ A webinar on “CONSERVE TO PRESERVE_ ECO-LUTION & VRUKSHA VRIDHI” was conducted by Department of Student welfare Environment Club Sharda University with a motive to encourage environmental activities like tree plantation.
- ✓ Similar event in the name of “Plantation Drive – Taru Sankalp” was organized with a view to sensitize students towards the need to preserve our environment and ecology. The objectives also focused upon raising awareness about the importance of trees in contributing to the environment by providing oxygen, improving air quality, conserving water, preserving soil, supporting wild life and providing shelter and medicine. Another motive was to promote a better understanding of the effects our society has on the long-term health of our planet.



- ✓ In order to sensitize the students about SDG 2030, e-waste and its impact on the environment, an effort was made in the form of an “E-Waste Awareness Drive” for celebrating Environment Day.
- ✓ As an attempt to bring everyone close to Mother Nature, another tree plantation drive was organized to create awareness among the students regarding the importance of ecology and the natural environment.

- **Research Initiatives:**

Eminent researchers at Sharda University, in collaboration with academicians, industrialists from across the globe including various low and lower middle income countries, have undertaken elaborated research works primarily focusing on SDG 2 and related areas. The same have been acknowledged and published in journals of repute. Some of them are as follows:

- “Does Carbon Emission Disclosures Practices Affect the Value of Firms -A Study of Select Manufacturing Firms in India”
- “India's G-20 Presidency: Climate Change Agenda”
- “Investigating The Impact of Flood On Low Lying Settlements Of Delhi, India: A Planning Perspective”
- “A study to assess knowledge, attitude and practice of radiographers regarding COVID-19 infection in multiple hospitals of Delhi-NCR”

- **University Processes and Procedures:**

A number of cells and divisions have been formed which address the environmental issues. Some of them are as follows:

- ✓ Sustainable Energy and Energy Conservation Cell
- ✓ Establishment of COVID-19 Cell- The COVID-19 Cell is empowered to solve the issues and grievances of students relating to academic activities, academic calendar and examination, including evaluation and results.
- ✓ Indian Language, Culture and Arts Cell- Inclusion of regional Languages, Art & Culture
- ✓ Centre of Excellence in Virology and Immunology at Sharda University
- ✓ Centre of Excellence in Solar Cell and Renewable Energy- This cell has been established to carry out cutting- edge research in fore- front areas of solar cells and renewable energy. Awareness.