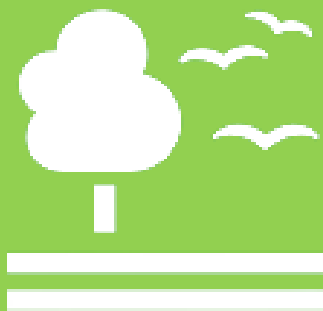




15 LIFE ON LAND



Sustainable Development Goal 15 focuses on "Life on Land" and aims to protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and biodiversity loss.

I. Inclusive Curriculum:

SDG 15 addresses the interconnected challenges related to land, biodiversity, and ecosystems and emphasizes the need for collective action to preserve the planet's natural resources for future generations. In line with the same thought, we at Sharda University, teach students, such subjects which intend to bring them closer to the concept of nature and its preservation. For example:

Principles of crop production (MAG501)

Soil fertility and nutrient management (MAG502)

Plant minerals nutrition (MAG506)

Intellectual Property and its management in agriculture (MAG609)

Some of the events which have been organized on the theme of SDG 15 are as follows:

- A lecture on **New Paradigms and Opportunities in Agriculture** was organized on the foundation day of the Sharda School of Agricultural Sciences, to create awareness among the students about various opportunities in agriculture
- A Visit to **Regional Research Centre, Maharana Pratap Horticultural University, Murthal** was organized to make the students learn the modern technologies of raising nursery plants and mushroom production.
- Seminar on **"Save Soil Movement Awareness- Create awareness among 60% of the world electorate about the dire condition of soil. The movement is supported by India External Affairs Ministry, the UN Convention to Combat Desertification (UNCCD), many world-renowned influencers, corporates, and heads of states.**

SHARDA UNIVERSITY
Beyond Boundaries

Environment Club with NCC
Under The Guidance of Students welfare
in Collaboration with ISHA FOUNDATION

isha
FOUNDATION

ENVIRONMENT CLUB
LET'S CREATE THE GREEN WORLD

NCC

is organizing a Seminar on

SAVE SOIL MOVEMENT - AWARENESS

27th April 2022
11:00 am onwards

Venue:- APJ Abdul Kalam Auditorium block 3, Sharda University

- Awareness/ Outreach Programme on Save Soil Mission- To spread awareness on Conscious Planet- Save Soil Mission initiated by Isha Foundation under the guidance of Sadhguru.

Gautam Buddha Nagar
District Administration
in association with

SHARDA UNIVERSITY
Beyond Boundaries

is proud to
Welcome
Sadhguru

and join hands in
Save Soil movement

SAVE SOIL

6th June 2022 | 2:00 pm onwards

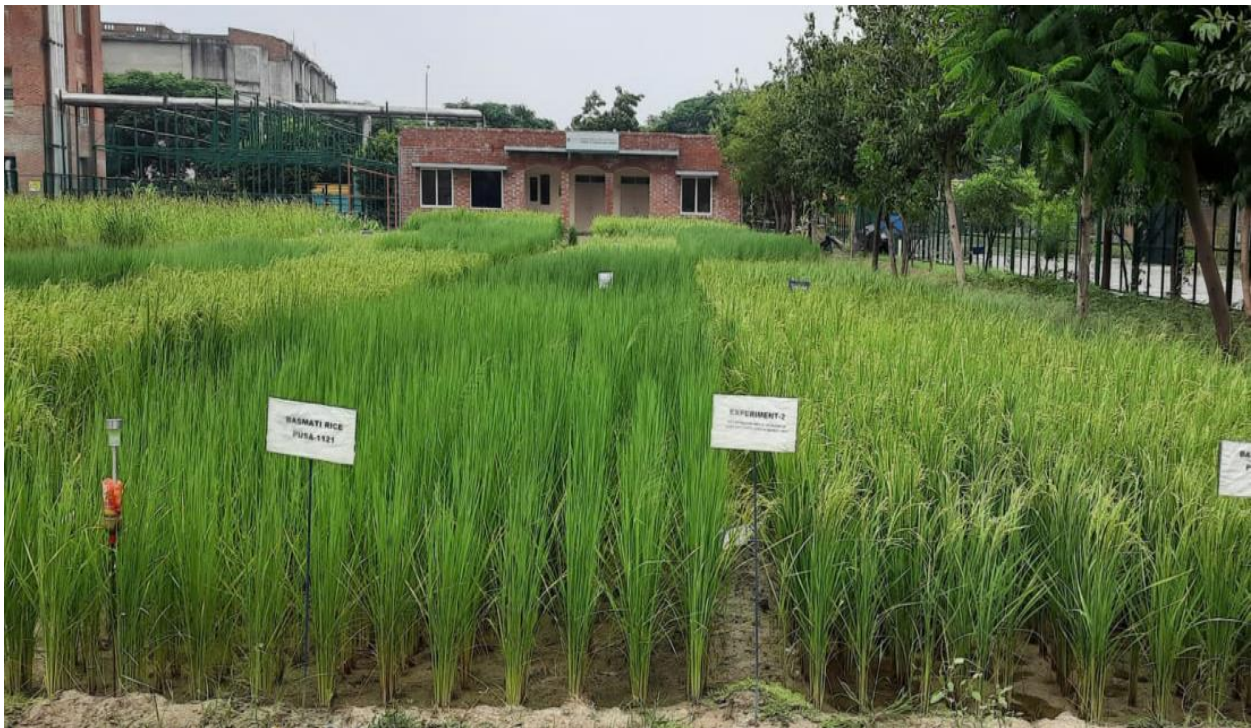
II. Research Initiatives:

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 6 and related areas. The same have been acknowledged and published in journals of repute. Some of them are as follows:

- **Heavy Metal Toxicity - Sustainable Mitigation Strategies for Their Remediation**
- **Phytoremediation and sequestration of soil metals using the CRISPR/Cas9 technology to modify plants: a review**
- **Land Cover Classification of Satellite Imagery using Fuzzy Hybrid Approaches by incorporating Contextual Information**

III. University Processes and Procedures:

Sharda University proudly owns a well maintained Crop Cafeteria, apiary unit, mushroom house, vermicomposting facility within the campus.







Apart from them, a number of related cell are maintained at Sharda University:

- **Centre of Excellence in Solar Cell and Renewable Energy-**
- **Centre of Excellence in Virology and Immunology at Sharda University**
- **Establishment of Centre for Development of Biomaterials**