



SHARDA
UNIVERSITY
Beyond Boundaries



2 ZERO HUNGER



Sustainable Development Goal 2 focuses on "Zero Hunger" and aims to end hunger, achieve food security and improved nutrition, and promote sustainable agriculture by 2030.

The targets under SDG2 include ending all forms of malnutrition, ensuring access to safe and nutritious food for all people all year round, and promoting sustainable agricultural practices. This goal recognizes the interconnectedness of food security, nutrition, sustainable agriculture, and rural development in achieving overall sustainable development.

To achieve SDG2, efforts are made to increase agricultural productivity, support small-scale farmers, promote sustainable food production systems, and ensure equal access to land, technology, and markets for all. Additionally, addressing the impacts of climate change on agriculture and promoting research and technological advancements in agriculture are essential components of SDG2.

I. Inclusive Curriculum

At Sharda University, we are dedicated to introducing students to the conceptual and theoretical aspects related to food and related fields through a diverse range of courses. These courses include:

1. Crop Improvement-I (Kharif crops) - Course Code: BAG342
2. Protected Cultivation and Secondary Agriculture - Course Code: BAG347
3. Nutrition Through Life Cycle - Course Code: BND122
4. Food Science and Technology - Course Code: BND131
5. Food Service Management-I - Course Code: BND313
6. Food and Dairy Microbiology - Course Code: BSM303
7. Cooking Skills and Healthy Recipes - Course Code: BND161
8. Fundamental of Food and Nutrition - Course Code: BND125
9. Principles of Integrated Pest and Disease Management lab - Course Code: BAP338
10. Plant Biotechnology - Course Code: BSB302
11. Herbal Drug Technology Practical - Course Code: BSP609P

Our aim is to equip students with the necessary mindset and knowledge to address the challenges associated with food and allied areas.

In addition to the academic curriculum, we organize various events to encourage student participation and promote awareness of SDG2. Some of these events include:

- ✓ Webinar on "Food Waste Management" organized by the Department of Life Sciences. The objective is to educate the audience about the importance of food waste utilization and its socio-economic impact.

- ✓ National Seminar (virtual) on "OUR ACTIONS ARE OUR FUTURE: BETTER PRODUCTION, BETTER NUTRITION, A BETTER ENVIRONMENT, AND A BETTER LIFE." This event is organized by the Department of Life Sciences (Food Science and Technology) at the School of Business Studies and Research (SBSR) and the School of Applied Sciences (SAS). The seminar, held to celebrate World Food Day, highlights the significance of safe food and what individuals can do to ensure it. Students' participation includes activities like poster making contests, involving not only faculty members but also families and public health professionals.

II. Research Initiatives:

Eminent researchers from Sharda University, in collaboration with academics and industrialists from various countries, including those with low and lower-middle-income economies, have conducted extensive research primarily focused on Sustainable Development Goal 2 (SDG 2) and related areas. Their work has been recognized and published in reputable journals. Some of their notable studies include:

1. "A Review of Protected Vegetable Cultivation in India."
2. "Potato Production Technology in Hydroponic Systems."
3. "Assessing the Adoption of Organic Farming Practices among Vegetable Growers in Jaipur District, Rajasthan."
4. "Impact and Damage Potential of Cercospora Leaf Spot Disease and Root-Knot Nematode (*Meloidogyne incognita*) on Growth Parameters of Vigna Radiate Plants."

III. University Processes and Procedures

• Purging Hunger on Campus

Eliminating hunger on university campuses is a significant challenge. Food insecurity among university students can impact their overall well-being and academic success. Here are some strategies that Sharda has adopted to purge hunger on campus:

- ✓ **Mess for students on board:** Sharda University adopts special measures to ensure that the students are provided with healthy and hygienic food. Sharda University proudly caters to the on board students staying in various hostels through well maintained mess facilities. They provide nutritional food on a timely basis to negate out food insecurity to the global mass of students.
- ✓ **Cafeterias:** A number of outlets, other than the university mess, operate 24*7 within the campus to serve the students, faculties and staff members with food options at affordable rates. There are about multiple cafeterias located in different blocks of the campus. The cafeterias and other eateries function on the 'Pay as you eat concept'.

- ✓ **Food Kiosks:** Apart from cafeterias, the campus also holds mini refreshment joints and Vending Machines etc. Sharda University provides its students all the amenities and facilities to enjoy the fast-paced metro lifestyle right within the campus. Leading Restaurants and Food Chains would open their outlets in the Central Food Court soon. Lego House, Amul Milk Parlour, Urban Thali, Café Coffee Day, Nestle are already running their outlets on the campus.

- **Crop Cafeteria:** The University maintains crop cafeteria where students can learn about sustainable agriculture and have access to fresh produce. This not only provides food but also educates students about food production.