



# AMITY UNIVERSITY

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## UTTAR PRADESH

### **Education for SDGs: Specific courses/Programmes on sustainability**

In 2015 India committed itself to the UN 2030 Agenda for Sustainable Development, thus making it a prime duty for Indian universities to align their operation and educational priorities around the United Nations Sustainable Development Goals (UNSDGs). Based on this the University Grants Commission (UGC) has endeavoured to integrate sustainability principles into campus operations, development and programme curricula to promote sustainability by proposing a generic sustainable campus framework. The NEP 2020 is also in the line of Goal 4 of the United Nations Sustainable Development Goals (SDG 2030), which clearly believes equal access to education is the base of sustainable development.

The UN sustainable development goals also reflect in the university's core values. Of which: "Social Responsibility": wherein University creates and nurtures an inclusive environment where everyone can develop their full potential and contribute to the interest of the society as a whole; "Environmental Responsibility" wherein, University is acutely aware of its environmental responsibilities and embraces principle of sustainable development to ensure that any adverse environmental impact of its activities is minimized and "Service" University seeks to serve the diverse, personal and professional development needs of its constituent sand encourage habit of engagement, caring, and civic responsibility by emphasizing a connect between service, excellence, and career growth.

The University has taken several environmental sustainability initiatives like use of renewable energy, rainwater harvesting, use of sewage and effluent treatment plants, Zero water discharge, no smoking zone, waste management system etc. The in-house, award-winning Incubator, which has incubated over 500 ventures by students & startups and attracted over USD 40 million investments for 55+ Investments facilitated in the last few years, is a step towards this end. The University is the world's largest university campus having Platinum certification by US Green Building Council, Leadership in Energy and Environment Design (LEED) which is world's foremost green building rating system. Amity University is the India's first University campus with a 1MW roof-top solar power plant on campus.

Amity University Uttar Pradesh (AUUP) has implemented the National Education Policy 2020 (NEP 2020). AUUP ensures a teaching, learning and research environment conducive to a safe and sustainable future by including sustainability-related topics where appropriate, in academic programmes and research. Further, to foster a culture of sustainability various curricular, co-curricular and extra-curricular activities are undertaken during the period of study. AUUP also contributes to sustainability knowledge development and innovations by conducting sustainability-related research studies through integrating sustainability concepts into programme curricula, research activities and by increasing awareness of sustainability among stakeholders through promotional activities, campaigns and cultural development. AUUP has also initiated education, training and awareness programmes and has created a network of communication by using social media, short films, outdoor activities, etc .to disseminate sustainability.

The academic philosophy of Amity is student centric. Various methods of experiential and participatory learning are adopted to ensure that students are active participants and not passive listeners in the teaching-learning process. The academic programmes and other student engagement activities are designed in such a manner that Amity students are able to develop a range of in-depth

discipline and technical knowledge, skills, high level qualities, and understandings to help in their programme of study and their future careers, and also support their role within the society. They equip students for life-long personal development and learning.

Graduate Attributes are central to the design, delivery and assessment of student learning in all faculty of

Studies at the University. These are as follows-

- (i) Discipline Knowledge & Expertise
- (ii) Self-Directed and Active Learning
- (iii) Research and Enquiry
- (iv) Information & Communication Technology Skills
- (v) Critical Thinking & Problem-Solving Abilities
- (vi) Communication Skills
- (vii) Creativity, Innovation & Reflective Thinking
- (viii) Analytical & Decision-Making Ability
- (ix) Leadership & Teamwork
- (x) Multicultural Understanding & Global Outlook
- (xi) Integrity and Ethics
- (xii) Social & Emotional Skills
- (xiii) Employability, Enterprise & Entrepreneurship
- (xiv) Lifelong Learning
- (xv) Environment and Sustainability

During the curriculum design and development both the programmes as well as the courses are developed/revised by considering, the UN sustainable development goals. The aim of aligning UN sustainable development goals in programmes is to inculcate of the knowledge, skills, understanding, values and actions required to create a sustainable world, which ensures environmental protection and conservation, promotes social equity and encourages economic sustainability. All students studying in AUUP have to undertake courses on Human values and community outreach (HVCO) wherein students are empowered to solve problems in their own neighbourhoods to mobilize the communities, to negotiate the issues and help in upliftment/betterment of society. These aspects are part of the university's 15 graduate attributes.

The SDG 01: Zero Hunger: End hunger, achieve food security and improved nutrition and promote sustainable agriculture, is imparted through programmes such as B.Sc. (Honours) Agriculture, M.Sc. Agriculture (Agronomy), MBA Food & Agribusiness, M. Sc (Post Harvest Technology) Horticulture, etc.

All the programmes offered by the university impart education to meet the requirements of the 17 SDGs (list attached)

More than 700 courses have been identified that impart or knowledge and experience pertaining to sustainability.