



- Earth Day is celebrated on April 22 by about 1 billion people in more than 193 countries to demonstrate support for environmental protection
- The official theme for Earth Day 2022 is : **Invest In Our Planet.**
- Shoolini University is organizing an Awareness Campaign on the UN SDGs to celebrate the 'EARTH DAY' w.e.f . April 22.

For more info. On SDGs contact:
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- United Nations Sustainable Development Goals (SDGs) are a collection of 17 interlinked global goals designed to be a "blueprint to achieve a better and more sustainable future for all".
- The SDGs were set up in 2015 by the United Nations General Assembly and are intended to be achieved by the year 2030.
- Centre of Excellence in Energy Science and Technology is coordinating the campaign on SDGs which is focused on initiatives taken by Shoolini University on each SDG.

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Sustainable Development Goal - 1

“End poverty in all its forms everywhere”



Shoolini University Initiatives:

- ❖ Financial support to needy students for quality education
- ❖ Activities for underprivileged students with free books, clothes and basic health services and free education
- ❖ Trainings to start-up businesses to improve socio-economic status under Entrepreneur Development

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Sustainable Development Goal- 2

“End hunger, achieve food security and improved nutrition, and promote sustainable agriculture”



Shoolini University Initiatives:

- ❖ Quality Research on sustainable & organic agriculture & promoting indigenous hill crops
- ❖ Quality Research on Food nutrition and security
- ❖ Instills technical and managerial skills to pursue a career in food, agroindustry, agriculture extension, environment, and health.
- ❖ Modernize agriculture with formal agricultural education

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Sustainable Development Goal- 3

“Ensure healthy lives and promote well-being for all at all ages”



Shoolini University Initiatives:

- ❖ Established health centers with modern medical facilities
- ❖ Established centers for Yoga and Naturopathy
- ❖ Research on Natural remedies & herbal medicines and in Pharmaceutical Sciences
- ❖ Regular morning and evening Yoga sessions
- ❖ Yoga Popularization among various communities

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Sustainable Development Goal- 4

“Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all”



Shoolini University Initiatives:

- ❖ Research and innovation-led university
- ❖ Global partnership for teaching, research and innovation
- ❖ Courses with cutting-edge specializations
- ❖ Focus on Innovative Pedagogy
- ❖ Teaching and learning- Flexible, Relevant curriculum, 24X7 learning (e-Univ), Outcome based
- ❖ Knowledge-Digital library, knowledge portal, e-Studios

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Sustainable Development Goal- 5

“Achieve gender equality and empower all women and girls”



Shoolini University Initiatives:

- ❖ Policies on Gender Equality and Transgender
- ❖ Policy for Working Mothers
- ❖ Maternity and Paternity Policy
- ❖ Non-Discrimination Policy
- ❖ Access to Child Care Facility
- ❖ Scholarships and Financial Support
- ❖ Outreach Program-Ideas That Matter
- ❖ Quality Research & Education on Gender equality
- ❖ Various workshop/awareness program/ seminars on Gender equality

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Sustainable Development Goal- 6

“Ensure availability and sustainable management of water and sanitation for all”



Shoolini University Initiatives:

- ❖ Establishment of Sewage Treatment Plant (STP) & Effluent Treatment Plant (ETP)
- ❖ Recycling of wastewater for watering of lawns and gardens of the university
- ❖ Rainwater harvesting, treatment and supply facility
- ❖ Developed Purified drinking water supply facilities throughout the campus
- ❖ Periodic inspection and evaluation of the quality of the water
- ❖ Landscape plantation of drought resistant plants to minimize the usage of water.

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Sustainable Development Goal- 7

“Ensure access to affordable, reliable, sustainable and modern energy for all”



Shoolini University Initiatives:

- ❖ Establishment of Centre of Excellence in Energy Science and Technology to impart clean energy education, research & Innovation
- ❖ Quality Research publication/ patents
- ❖ Installation of Solar PV Plant to meet the energy needs of universities
- ❖ Solar Steam Cooking System for hostels
- ❖ Installation of Solar water heating systems in hostels
- ❖ Use of Electric carts for transportation in the campus
- ❖ Use of Solar Street Lights in the campus
- ❖ Implementation of Energy Policy
- ❖ Solar Passive building technology Policy Initiative

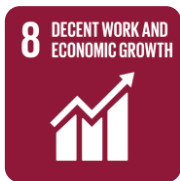
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Sustainable Development Goal- 8

“Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all”



Shoolini University Initiatives:

- ❖ University provides Quality Education Research and Innovation
- ❖ Economic Development of Himalayan Region Through IT Enabled Disintermediation Model.
- ❖ Establishment of MSME for developments of Entrepreneurs and Economic growth
- ❖ Promoting IPR and GI based economic development

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Sustainable Development Goal- 9

“Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation”



Shoolini University Initiatives:

- ❖ Establishment of IPR cell for filing patents/GI/ copyrights by faculty and students
- ❖ Training and providing awareness about IPR and GI to students and scientists.
- ❖ Promoting IPR and GI based economic development
- ❖ Targets filing In-house Patents Filing per Year - One Student One Patent Policy
- ❖ Organizing IPR Conferences & Workshops to promote innovation

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Sustainable Development Goal- 10

“Reduce inequality within and among countries”



Shoolini University Initiatives:

- ❖ Focuses on research on exploring the gaps in equality and recommending solutions towards achieving SDG 10 targets
- ❖ Equal opportunities are provided by University to persons of different castes, creeds, religions, ethnicity, genders, and nationalities.
- ❖ Adopted a strategy of being globally competent & locally relevant by addressing solutions to hill specific problems.
- ❖ Addressing knowledge, skills, and methods problems of specially-abled persons is top priority of the University.
- ❖ Sensitizing the stakeholders about their responsibility towards reducing inequality from time to time through awareness programmes

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Sustainable Development Goal- 11

“Make cities and human settlements inclusive, safe, resilient, and sustainable”



Shoolini University Initiatives:

- ❖ Developing a sustainable green township
- ❖ Quality residential facilities
- ❖ Use of renewable energy to meet the energy needs of the university.
- ❖ Policy framework for carbon free campus by 2030
- ❖ Policy framework for energy efficient passive solar building construction
- ❖ University buses & electric carts for sustainable and convenient transportation
- ❖ A dedicated health center and facilities for emergencies.
- ❖ Waste recycling plant & waste management activities.
- ❖ Sufficient green spaces and public spaces for universities' occupants

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Sustainable Development Goal- 12

“Ensure sustainable consumption and production patterns”



*Shoolini University
Initiatives:*



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Sustainable Development Goal- 13

“Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy”



Shoolini University Initiatives:

- ❖ Quality Research in Environment and Climate Change
- ❖ Quality Education on Energy, Environment and Climate Change issues and concerns
- ❖ Formulation & Implementation of Environment and Energy policy:
 - ❖ Protecting environment in the university campus
 - ❖ The systematic waste management & recycling
 - ❖ Zero single use plastics in any manner
 - ❖ Production of energy from waste
 - ❖ Protecting forest and environment from forest fires
 - ❖ Wastewater treatment & recycling
 - ❖ Use of Electric Cart, Solar projects –SPV plant, solar water heater, solar steam cooking, Biogas plant

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Sustainable Development Goal- 14

“Conserve and sustainably use the oceans, seas and marine resources for sustainable development”



Shoolini University Initiatives:

- ❖ Quality Research on Life below water
- ❖ Exploring fresh water algal species for air quality monitoring and extraction of various industrially and therapeutically relevant value-added compounds
- ❖ Several Externally funded research project going on “microalgae”

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Sustainable Development Goal- 15

“Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss”



Shoolini University Initiatives:

- ❖ Quality Research on biodiversity & Conservation of mountain ecosystems
- ❖ Surveys related to threatened and endangered plant species in Himalayan ecosystem
- ❖ Demonstrated wild endangered plants collection techniques to the tribal communities without affecting their viability

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Sustainable Development Goal- 16

“Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels”



Shoolini University Initiatives:

- ❖ Quality Research & Education by School of Law
- ❖ Conduction of awareness on peace, justice, human rights and effective governance
- ❖ Regular Workshops, FDP's, Conferences, National Seminar to give a common platform to discuss the issues and resolutions

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Sustainable Development Goal- 17

“Strengthen the means of implementation and revitalize the global partnership for sustainable development”



Shoolini University Initiatives:

- ❖ Each university has to orient its Education Research Innovation and Development towards achieving the targets of all 17 Sustainable development Goals

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