

Annexure-V: Exhibition on SDGs on and after AIU Conference

North Zone Vice Chancellor's Conference 2021 and initiatives of Shoolini University under various SDGs

The university actively promotes UN SDGs and is evident from the various programmes, courses and conferences conducted by the university. As a recent example, the North Zone VC's Conference sponsored by Association of Indian Universities and hosted by Shoolini University for promotion of role of Higher Education Institutes for implementing SDGs in their campuses and nearby region as well as with collaboration with the government and the industry. The conference was also streamed live on you tube and hosted over 150 VCs and large number of other participants from all over the country.

News Link: <https://shooliniuniversity.com/news/north-zone-vcs-conference-opens-at-shoolini-university>,
<https://www.tribuneindia.com/news/chandigarh/over-150-vcs-to-attend-north-zone-aiu-meet-342796>

North Zone VC Conference 26-27th Nov. 2021



Conference attendees at Shoolini University





UNITED NATIONS
INDIA



**Shoolini
University**



**SUSTAINABLE
DEVELOPMENT GOALS**

17 GOALS TO TRANSFORM OUR WORLD

Initiatives of Shoolini University

Date of Exhibition : 26-27 November 2021

“BLUEPRINT TO ACHIEVE A BETTER AND MORE SUSTAINABLE FUTURE FOR ALL”



“Blueprint to achieve a better and more sustainable future for all”

Sustainable Development Goal #1 Initiatives of Shoolini University

- ❖ Financial support to needy students; **30% of students supported**
- ❖ Free books, clothes, basic health services and education
- ❖ Trainings to start-up businesses to improve socio-economic status under **Entrepreneur Development**
- ❖ Use of low-cost fuels for the poor –Solar lights, lantern, solar cooking, Biogas and other **renewable sources and systems**



“End poverty in all its forms everywhere”

Sustainable Development Goal- 2: Initiatives of Shoolini University



- ❖ Quality Research on sustainable & organic agriculture; promoting indigenous hill crops
- ❖ Quality Research on food nutrition and food security
- ❖ Imparting technical & managerial skills to pursue careers in food, agroindustry, agriculture, environment, and others
- ❖ Modernizing agriculture with formal agricultural education



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

Sustainable Development Goal- 3: Initiatives of Shoolini University

3 GOOD HEALTH
AND WELL-BEING



- ❖ Health Centre with medical facilities; Yogananda Centre for Yoga and Naturopathy
- ❖ Research on natural remedies and herbal medicines
- ❖ Free morning and evening Yoga sessions
- ❖ Yoga teachers training program
- ❖ International Day of Yoga /Symposium/Webinars
- ❖ COVID-19: Special 7 days **Immunity Boosting Yoga** videos



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

Sustainable Development Goal- 4: Initiatives of Shoolini University

4 QUALITY
EDUCATION



- ❖ Research and innovation-led university : 715+ patents filed
- ❖ Global partnership for teaching, research and innovation
- ❖ Faculty from top institutions including Oxford, UC Berkeley, IITs, NITs and IIMs
- ❖ Mission 130: 100% employability; 30% great jobs
- ❖ 180+ courses with cutting-edge specializations
- ❖ H-Index of > 80
- ❖ Flexible, relevant curriculum, 24X7 (eUniv) outcome based learning
- ❖ Digital library, knowledge portal, e-studios, Guru Series lectures



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

Sustainable Development Goal- 5: Initiatives of Shoolini University



- Policy for Working Mothers
- Policy for Transgenders & '*Shades of Love*' club
- Maternity and Paternity Policy
- Non-discrimination Policy
- Access to Child Care Facility
- Financial Support to women for STEM education
- ❖ Outreach Program-Ideas That Matter
- ❖ Workshop/awareness programs/ seminars on gender equality



“Achieve gender equality and empower all women and girls”

Sustainable Development Goal- 6: Initiatives of Shoolini University

- ❖ Establishment of Sewage Treatment Plant (STP) & Effluent Treatment Plant (ETP)
- ❖ Recycling of wastewater – use in lawns and gardens
- ❖ Rainwater harvesting, treatment and supply facility
- ❖ Purified drinking water supply facilities
- ❖ Periodic inspection and evaluation of water quality
- ❖ Plantation of drought resistant plants to minimize the usage of water



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

Sustainable Development Goal- 7: Initiatives of Shoolini University

- ❖ Centre of Excellence in Energy Science and Technology to impart clean energy education, research & innovation
- ❖ 400 kWp grid connected solar PV plant to meet university energy needs
- ❖ Solar Steam Cooking System for 500 students; saving 2-3 LPG cylinders/day
- ❖ Solar water heating systems 38,000 LPD in hostels
- ❖ Electric carts for internal campus transport
- ❖ Implementation of Energy Policy
- ❖ Solar Passive Building Technology policy initiative



7 AFFORDABLE AND
CLEAN ENERGY



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

Sustainable Development Goal- 8: Initiatives of Shoolini University

8 DECENT WORK AND
ECONOMIC GROWTH



- ❖ World-class quality education, research and innovation
- ❖ Economic Development of Himalayan Region through IT enabled disintermediation model.
- ❖ Establishment of MSME supported Shoolini Business Incubation Centre
- ❖ Promoting IPR and GI based economic development



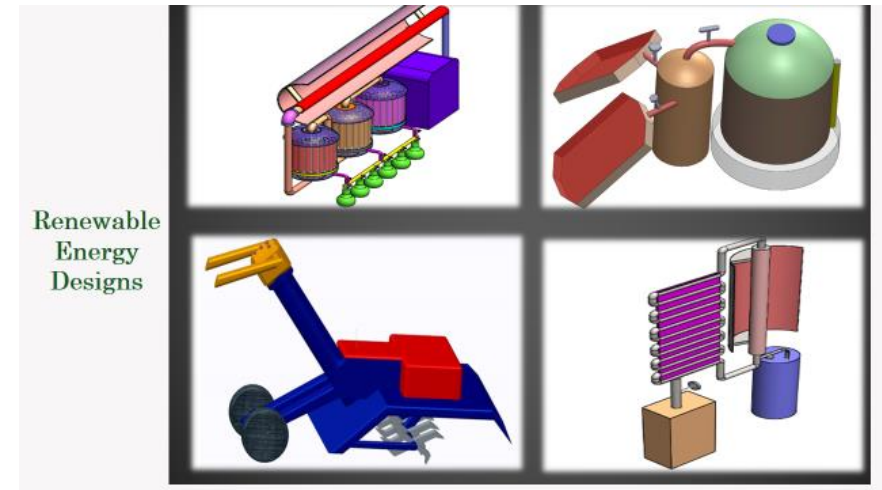
“Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all”

Sustainable Development Goal- 9: Initiatives of Shoolini University

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



- ❖ IPR cell for filing patents/GI/ copyrights by faculty and students
- ❖ Training & awareness about IPR and GI
- ❖ Promoting IPR and GI based economic development
- ❖ Target of filing in-house 1000+ Patents and the bold **One Student One Patent initiative**
- ❖ Regular IPR Conferences & Workshops



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

Sustainable Development Goal- 10: Initiatives of Shoolini University

- ❖ Focus on research on exploring gaps in equality and recommending solutions towards achieving SDG 10 target
- ❖ Equal opportunities to persons of different caste, creed, religions, ethnicity, gender, and nationalities .
- ❖ Strategy of being globally competent & locally relevant by addressing solutions to hill specific problems
- ❖ Addressing knowledge, skills, and issues of specially-abled persons
- ❖ Sensitizing stakeholders about their responsibility towards reducing inequality from time to time through awareness programme/seminars /webinars



“Reduce inequality within and among countries”

Sustainable Development Goal- 11: Initiatives of Shoolini University

11 SUSTAINABLE CITIES AND COMMUNITIES



- ❖ Shoolini University is developed as a sustainable green township
- ❖ Quality residential facilities for faculty and students
- ❖ Use of renewable energy solar photovoltaic power, solar steam cooking, etc. to meet energy needs
- ❖ Policy for carbon free campus by 2030
- ❖ Policy for energy efficient passive solar building construction
- ❖ Electric carts for safe and green internal transport
- ❖ Health Centre for emergencies; all students, employees and faculty are 100% vaccinated against COVID-19
- ❖ Waste recycling plant & waste management
- ❖ Sufficient green spaces and public spaces for occupants



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

Sustainable Development Goal- 12: Initiatives of Shoolini University



“Ensure sustainable consumption and production patterns”

Sustainable Development Goal- 13: Initiatives of Shoolini University

- ❖ Quality Research and Education on Energy, Environment and Climate Change
- ❖ Implemented Environment and Energy policy
 - Plantation drives throughout the year
 - Systematic waste management & recycling
 - Zero single use plastics
 - 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, and more



“Take urgent action to combat climate change and its impacts by regulating emissions

Sustainable Development Goal- 14: Initiatives of Shoolini University

- ❖ 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
- ❖ Externally funded research projects on “microalgae”



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

Sustainable Development Goal- 15: Initiatives of Shoolini University

- ❖ 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



15 LIFE
ON LAND



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

Sustainable Development Goal- 16: Initiatives of Shoolini University

16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



- ❖ Quality Research & Law Education by School of Law (SoL)
- ❖ Awareness sessions on peace, justice, human rights and effective governance
- ❖ Regular workshops, FDPs, conferences, national seminars providing common platforms to discuss issues & their resolution



“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 has deeply oriented its Education, Research, Innovation and Development towards achieving the 17 Sustainable Development Goals

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