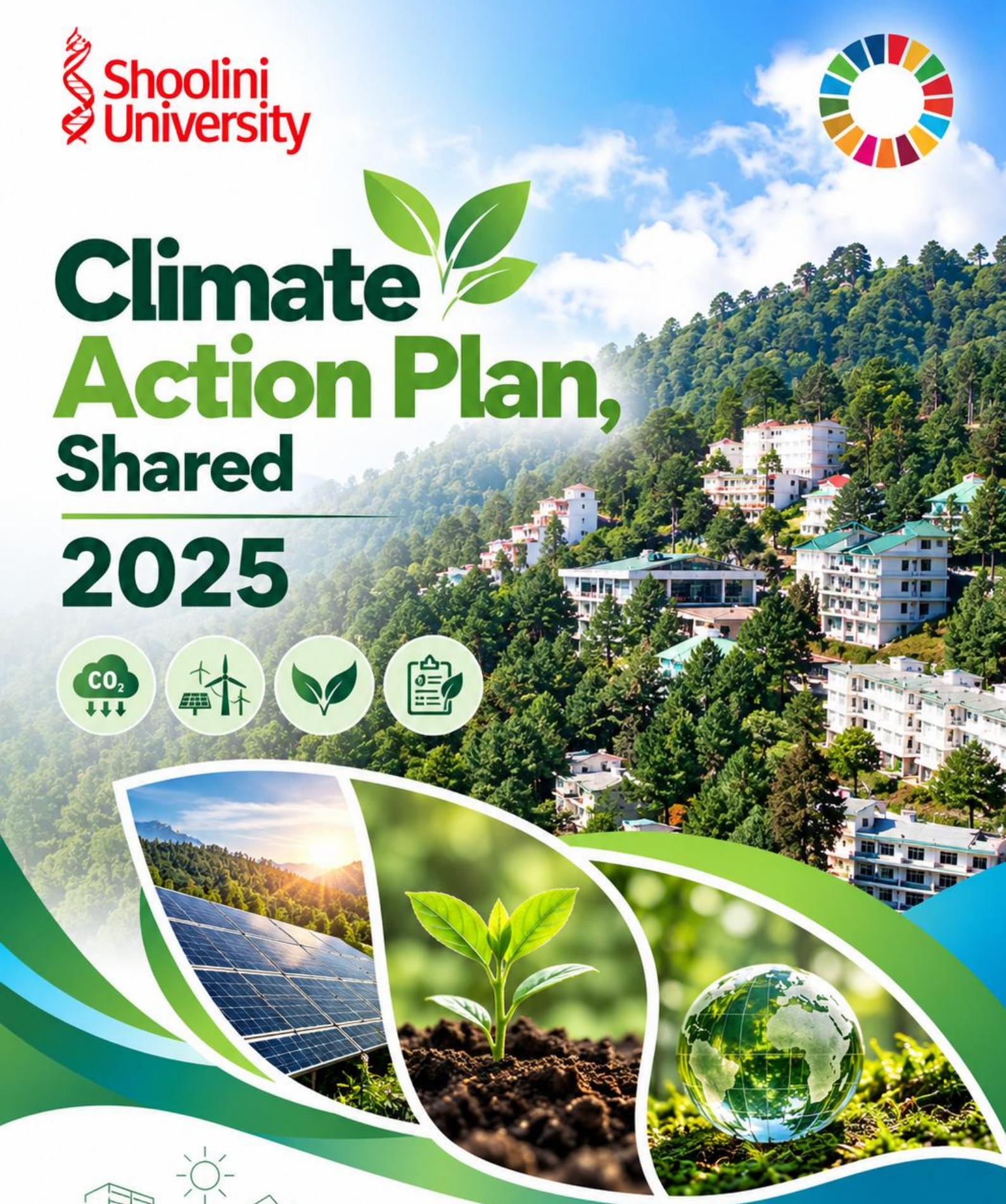
Shoolini University

Climate Action Plan, Shared

2025



Shoolini University of Biotechnology and Management Sciences,
Solan, Himachal Pradesh, India-173229

13.3.2 Climate Action Plan, shared

Shoolini University promotes **climate action and sustainability** through community engagement, environmental awareness, and collaboration with local stakeholders. The University's climate action initiatives aim to encourage local government bodies, panchayats, educational institutions, and community groups to participate in climate change mitigation, adaptation, and sustainable resource management.

Key areas of engagement include:

- **Local Government Engagement:** Promoting dialogue with local authorities and panchayats on environmental protection, climate awareness, and sustainable development.
- **Community Awareness:** Encouraging local communities to adopt environmentally responsible practices, including waste management, water conservation, and resource efficiency.
- **Educational Outreach:** Sharing climate and environmental knowledge with schools, students, and community groups through educational programmes and awareness activities.
- **Environmental Initiatives:** Encouraging participation in plantation drives, cleanliness campaigns, and other sustainability-related activities.
- **Knowledge Sharing:** Disseminating information on climate change, renewable energy, and sustainable practices to support informed community-level action.

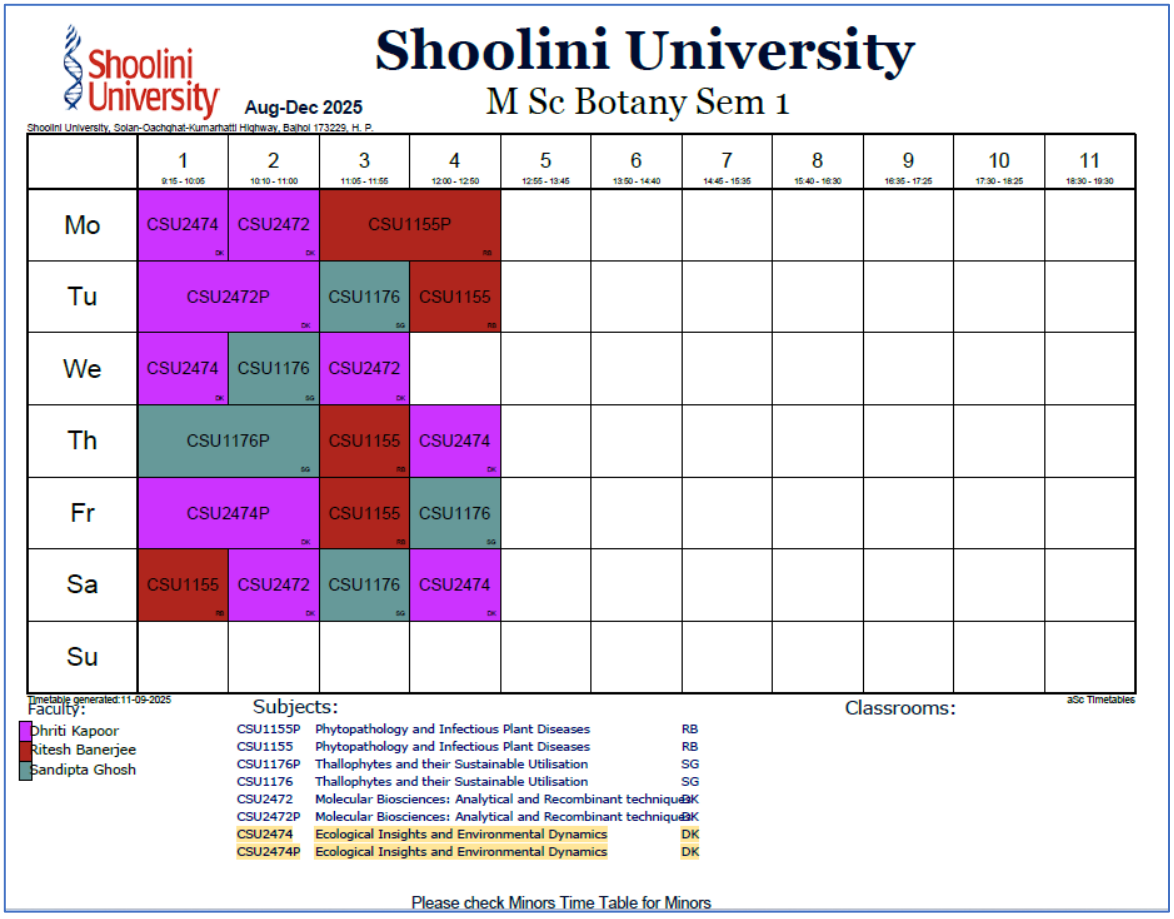
Aligned with the principles of SDG 13 (Climate Action), Shoolini University has developed a **Climate Action Plan** to guide its sustainability initiatives, greenhouse gas emission reduction efforts, and climate-resilience measures across academic, research, and operational activities.

Climate Education and Research

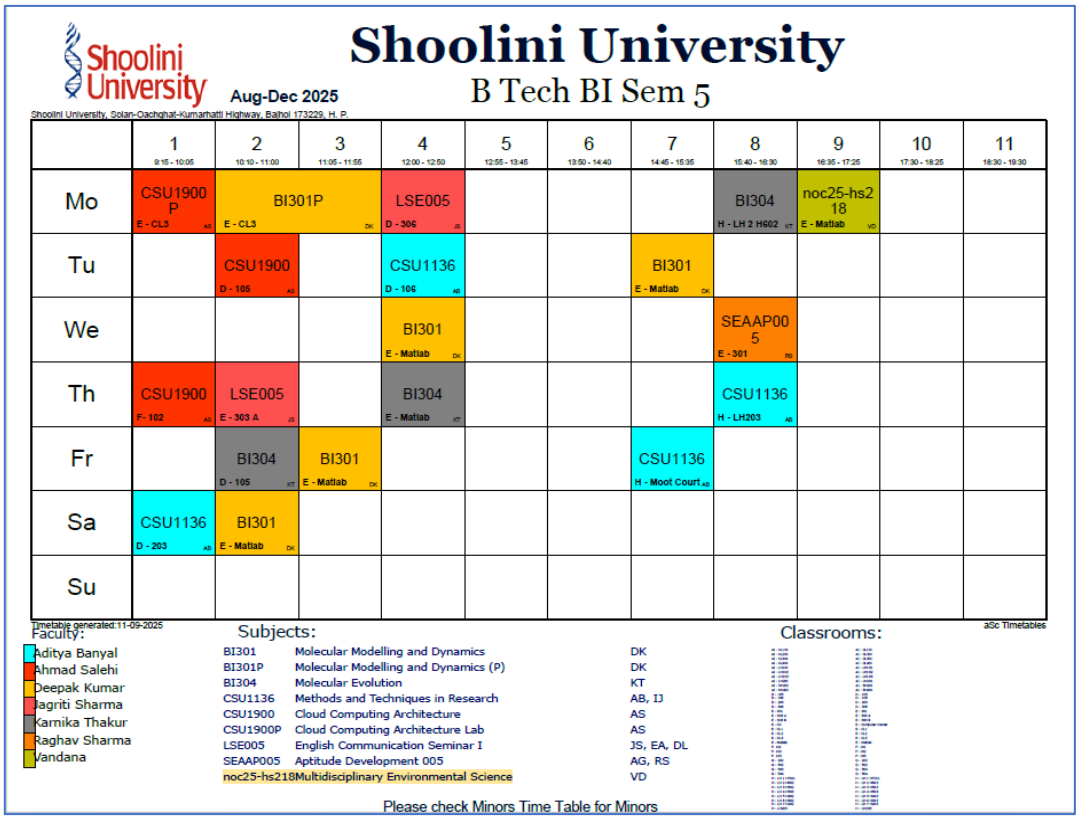
Shoolini's strong academic foundation in climate and environmental education further distinguishes it as a regional leader in sustainability-focused higher education. The University offers a wide spectrum of specialized programmes, including a **Ph.D. in Environmental Sciences**, **Ph.D. in Energy**, **Renewable Energy and Climate Change**, **M.Tech in Energy Technology**, **B.Sc and M.Sc in Agriculture, M.Sc. in Soil Science and Agricultural Chemistry, PhD Agriculture (Agronomy, Agricultural Extension), M Tech Climate Science and Sustainable Development**. These diverse and future-focused programmes equip

students and professionals with cutting-edge knowledge and practical skills to tackle the pressing challenges of climate change and environmental degradation.

Through its Centre of Excellence in Energy Science and Technology (CEEST), the University supports scientific learning and sustainability awareness through educational activities and practical initiatives. Furthermore, the integration of environmental and sustainability-related courses into academic programmes, including **Environmental Science, Ecological Insights and Environmental Dynamics, and The Diversity of Life**, provides students with opportunities to understand ecological systems, biodiversity, and environmental challenges. These educational initiatives contribute to building environmental awareness and advancing the University's commitment to SDG 13 (Climate Action) and SDG 4 (Quality Education).



M.Sc Botany - Timetable of Ecological Insights and Environmental Dynamics



Shoolini University

B Tech BI Sem 5

Aug-Dec 2025

Shoolini University, Solan-Oachghat-Kumarhatti Highway, Bajhol 173229, H. P.

	1 (9:15 - 10:05)	2 (10:10 - 11:00)	3 (11:05 - 11:55)	4 (12:00 - 12:50)	5 (12:55 - 13:45)	6 (13:50 - 14:40)	7 (14:45 - 15:35)	8 (15:40 - 16:30)	9 (16:35 - 17:25)	10 (17:30 - 18:25)	11 (18:30 - 19:30)
Mo	CSU1900 P E - CL3 AS	BI301P E - CL3 DK		LSE005 D - 306 JS				BI304 H - LH 2 H602 KT	noc25-hs218 E - Matlab VD		
Tu		CSU1900 D - 105 AS		CSU1136 D - 106 AB			BI301 E - Matlab DK				
We				BI301 E - Matlab DK				SEAAP005 E - 301 RS			
Th	CSU1900 F- 102 AS	LSE005 E - 303 A JS		BI304 E - Matlab KT				CSU1136 H - LH203 AB			
Fr		BI304 D - 105 KT	BI301 E - Matlab DK				CSU1136 H - Moot Court AB				
Sa	CSU1136 D - 203 AB	BI301 E - Matlab DK									
Su											

Timetable generated:11-09-2025 aSc Timetables

Faculty:
- Aditya Banyal
- Ahmad Salehi
- Deepak Kumar
- Jagriti Sharma
- Karnika Thakur
- Raghav Sharma
- Vandana

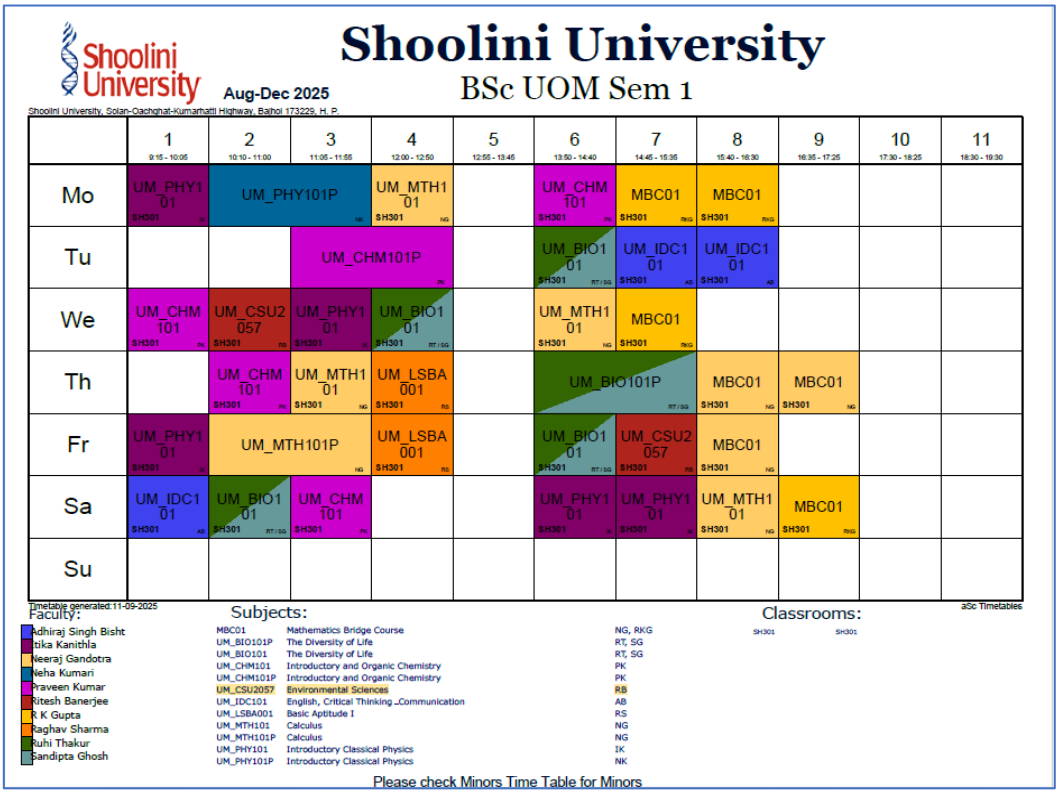
Subjects:

BI301	Molecular Modelling and Dynamics	DK
BI301P	Molecular Modelling and Dynamics (P)	DK
BI304	Molecular Evolution	KT
CSU1136	Methods and Techniques in Research	AB, IJ
CSU1900	Cloud Computing Architecture	AS
CSU1900P	Cloud Computing Architecture Lab	AS
LSE005	English Communication Seminar I	JS, EA, DL
SEAAP005	Aptitude Development 005	AG, RS
noc25-hs218	Multidisciplinary Environmental Science	VD

Classrooms:

Please check Minors Time Table for Minors

B Tech Bioinformatics - Timetable of Environmental Science



Shoolini University

BSc UOM Sem 1

Aug-Dec 2025

Shoolini University, Solan-Oachghat-Kumarhatti Highway, Bajhol 173229, H. P.

	1 (9:15 - 10:05)	2 (10:10 - 11:00)	3 (11:05 - 11:55)	4 (12:00 - 12:50)	5 (12:55 - 13:45)	6 (13:50 - 14:40)	7 (14:45 - 15:35)	8 (15:40 - 16:30)	9 (16:35 - 17:25)	10 (17:30 - 18:25)	11 (18:30 - 19:30)
Mo	UM_PHY101 SH301 IK	UM_PHY101P NK		UM_MTH101 SH301 NG		UM_CHM101 SH301 PK	MBC01 SH301 RKG	MBC01 SH301 RKG			
Tu			UM_CHM101P PK			UM_BIO101 SH301 RT / SG	UM_IDC101 SH301 AB	UM_IDC101 SH301 AB			
We	UM_CHM101 SH301 PK	UM_CSU2057 SH301 RB	UM_PHY101 SH301 IK	UM_BIO101 SH301 RT / SG		UM_MTH101 SH301 NG	MBC01 SH301 RKG				
Th		UM_CHM101 SH301 PK	UM_MTH101 SH301 NG	UM_LSBA001 SH301 RS		UM_BIO101P RT / SG	MBC01 SH301 NG	MBC01 SH301 NG			
Fr	UM_PHY101 SH301 IK	UM_MTH101P NG		UM_LSBA001 SH301 RS		UM_BIO101 SH301 RT / SG	UM_CSU2057 SH301 RB	MBC01 SH301 NG			
Sa	UM_IDC101 SH301 AB	UM_BIO101 SH301 RT / SG	UM_CHM101 SH301 PK			UM_PHY101 SH301 IK	UM_PHY101 SH301 IK	UM_MTH101 SH301 NG	MBC01 SH301 RKG		
Su											

Timetable generated:11-09-2025 aSc Timetables

Faculty:
- Adhiraj Singh Bisht
- Ankita Kanithla
- Neeraj Gandotra
- Neha Kumari
- Praveen Kumar
- Ritesh Banerjee
- R K Gupta
- Raghav Sharma
- Ruhi Thakur
- Sandipta Ghosh

Subjects:

MBC01	Mathematics Bridge Course	NG, RKG
UM_BIO101P	The Diversity of Life	RT, SG
UM_BIO101	The Diversity of Life	RT, SG
UM_CHM101	Introductory and Organic Chemistry	PK
UM_CHM101P	Introductory and Organic Chemistry	PK
UM_CSU2057	Environmental Sciences	RB
UM_IDC101	English, Critical Thinking &Communication	AB
UM_LSBA001	Basic Aptitude I	RS
UM_MTH101	Calculus	NG
UM_MTH101P	Calculus	NG
UM_PHY101	Introductory Classical Physics	IK
UM_PHY101P	Introductory Classical Physics	NK

Classrooms: SH301 SH301

Please check Minors Time Table for Minors

B.Sc University of Mella borne (Dual Degree) - Timetable of Environmental Science

Shoolini University's published list of electives addressing SDGs 13 (Climate Action):

Sr. No.	Course Name	Course Code	Programme	Relevant SDG(s)
1	Sustainable Leadership for Environmental Happiness	CSU2034	UG	SDG 13 – Climate Action; SDG 17 – Partnerships for the Goals
2	Ecology and Environment History	CSU715	UG	SDG 13 – Climate Action
3	Climate Crisis: Issues, Impacts & Adaptations	CSU1429	UG	SDG 13 – Climate Action

Outreach Awareness Initiatives by Shoolini University

Aligned with Sustainable Development Goal (SDG) 7: Affordable and Clean Energy and SDG 13: Climate Action, CEEST emphasizes the importance of integrating renewable energy and energy efficiency into everyday life. Through regular workshops, training programmes, and field demonstrations, the Centre contributes to the development of an energy conscious and environmentally responsible society, particularly in the rural and semi-urban areas of Himachal Pradesh.

Climate awareness and education: Through sustainability activities and educational outreach, the University encourages students and communities to adopt climate-conscious practices.

Renewable Energy Awareness Camp in Tikker Panchayat

Organized by: Shoolini University, Solan, Himachal Pradesh

Date: 21th February 2025

Participating Institution: Tikker Panchayat, Solan

Shoolini University organised a Renewable Energy Awareness Camp in Tikker Panchayat, Solan District, Himachal Pradesh, to promote awareness of renewable energy technologies and energy-efficient practices among rural communities. University students engaged with local residents to explain how clean energy solutions can support daily household activities while reducing dependence on conventional fuels.

During the camp, Shoolini University students interacted with villagers, members of Self-Help Groups (SHGs), school students, and local leaders. The programme included demonstrations and discussions on renewable energy technologies and energy-saving practices.

Key activities included:

- **Solar cookers:** Demonstrations highlighting the use of solar energy for cooking and its potential to reduce dependence on conventional fuels.
- **Solar lamps:** Awareness of solar-powered lighting as an alternative to conventional lighting sources, particularly in areas where access to reliable electricity may be limited.
- **Solar water-heating systems:** Introduction to solar thermal technology for heating water and reducing electricity or fuel consumption.
- **Energy-efficient appliances:** Information on technologies that can help households use energy more efficiently.
- **LED lighting:** Promotion of LED lights as an energy-efficient alternative to conventional lighting.
- **Household energy conservation:** Guidance on switching off unused electrical appliances and adopting responsible energy-use practices.

This helped communicate the potential benefits of clean energy, including lower household energy expenditure, reduced indoor air pollution when conventional polluting fuels are displaced, and decreased environmental impacts. It also encouraged community members to consider energy-efficient practices in their daily lives.



Volunteers discussed Renewable Energy with panchayat staff



Volunteers addressed the children for Renewable Energy

Promoting Education, Water Conservation, Clean Energy and Climate Action

Organized by: Shoolini University, Solan, Himachal Pradesh

Date: 24 July 2025

Participating Institution: Army Public School, Dagshai

On 24 July 2025, Shoolini University welcomed 80 Class XII students and four teachers from Army Public School, Dagshai, for a campus visit. The programme provided an opportunity for the visiting students to become familiar with the university environment and explore potential higher education opportunities.

The visit served as a platform for school–university engagement, helping students understand the importance of continued education and informed academic decision-making. It also provides an opportunity to introduce sustainability as an important consideration in education and institutional development, particularly in relation to water conservation, clean energy, and climate responsibility.

The initiative aligns with the following United Nations Sustainable Development Goals:

- **SDG 4 – Quality Education:** Promoting access to educational opportunities and helping students explore pathways to higher education.
- **SDG 6 – Clean Water and Sanitation:** Encouraging awareness of responsible water use, water conservation, and sustainable water management.
- **SDG 7 – Affordable and Clean Energy:** Promoting awareness of renewable energy, energy efficiency, and responsible energy consumption.
- **SDG 13 – Climate Action:** Encouraging environmental responsibility and awareness of climate change and sustainable practices.

The campus visit supported educational outreach by introducing school students to the university environment and encouraging them to explore higher education opportunities, thereby contributing to **SDG 4 (Quality Education)**. The visit also offered a potential platform to raise awareness of **SDG 6 (Clean Water and Sanitation)** through discussions on water conservation, responsible water consumption, and sustainable water management practices; **SDG 7 (Affordable and Clean Energy)** through exposure to renewable energy technologies and energy-efficient practices; and **SDG 13 (Climate Action)** by highlighting the importance

of environmental awareness, climate responsibility, and sustainable development. Any specific demonstrations, discussions, or activities related to water conservation, clean energy, or climate action should be documented separately and supported by photographs or other relevant evidence, where applicable.

Total Participants: 84



Students and Teachers from Army Public School, Dagshai

International Earth Day Celebration

Date: 24th April 2025

SDG 4: Quality Education, SDG 7: Affordable and Clean Energy, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production & SDG 13: Climate Action.

Venue: Covered Parking, Shoolini University

On April 24th, 2025, Shoolini University came alive with the spirit of Earth Day through a vibrant, purpose-driven celebration that united sustainability, innovation, and artistic expression. At the heart of the event was the Inter-School Eco-Challenge , where nine schools competed passionately across four dynamic categories: **Clean Energy Live Demo**, **Waste-to-Wonder DIY Challenge**, Green Bazaar Exhibition, and Poster Making. Each school brought forward incredible creativity and collaboration—demonstrating working models of clean energy, repurposing waste into functional and beautiful products, setting up stalls that

embodied the 3Rs (Reduce, Reuse, Recycle), and crafting thought-provoking posters under the theme “Our Power, Our Planet.” This spirited challenge ignited both friendly competition and a deeper commitment to environmental stewardship.



International Earth Day Event Poster 2025



Prof. P.K. Khosla, Chancellor at the International Earth Day Event interacting with students

Clean Today, Green Tomorrow – An Empathetic Cleaning Drive at Ashwini Khad

Date: 22 November 2025

Venue: Ashwini Khad

Aligned with Sustainable Development Goals (SDGs): SDG 6 – Clean Water and Sanitation | SDG 11 – Sustainable Cities and Communities | **SDG 13 – Climate Action**

On 22nd November, volunteers of the National Service Scheme (NSS) undertook a meaningful cleaning drive at Ashwini Khad, driven by a shared sense of responsibility toward nature and the local community. The initiative aimed not only to **clean the area but also to foster empathy toward the environment** by highlighting the impact of human actions on natural ecosystems.

The volunteers actively engaged in the **collection and segregation of waste from water resources**, with a strong focus on removing plastic and other non-biodegradable materials that threaten water quality and harm aquatic life. As the drive progressed, participants observed firsthand how careless disposal of waste affects natural water bodies, reinforcing the importance of mindful and sustainable practices.

Beyond physical cleaning, the activity encouraged **reflection and dialogue** among volunteers about environmental degradation, water conservation, and the need for collective action. The drive served as a learning experience, reminding participants that protecting nature begins with awareness, care, and everyday choices. The shared effort strengthened teamwork and instilled a deeper sense of connection with the surroundings.

Local passersby and community members were also sensitized during the drive, as volunteers informally communicated the importance of maintaining cleanliness and respecting natural spaces. This interaction helped extend the message beyond the activity itself, encouraging broader community participation in environmental stewardship.

The cleaning drive at Ashwini Khad stood as a heartfelt reminder that **environmental care is an act of compassion**—for nature, for communities, and for future generations. Through this initiative, NSS reaffirmed its commitment to sustainable development, civic responsibility, and youth-led action, demonstrating how empathy and service can come together to create lasting positive change. **No. of Volunteers: 40**



Volunteers group photograph after natural water-resource clean-up

International Conference on Applied Artificial Intelligence and Innovation (AAIIC 2025)

Organizing Institution: Yogananda School of AI, Computers, and Data Science (YSAICDS), Shoolini University, Solan, Himachal Pradesh, India

Date: 11–12 July 2025

Duration: Two Days International Conference

Participants: Academicians, researchers, faculty members, students, and industry professionals

Conference Theme: Applied Artificial Intelligence and Innovation

The Yogananda School of AI, Computers, and Data Science (YSAICDS) at Shoolini University organized the **International Conference on Applied Artificial Intelligence and Innovation (AAIIC 2025)**, a two-day academic and research event bringing together experts, researchers, academicians, and industry professionals to discuss emerging developments and practical applications of artificial intelligence (AI). The conference provided a platform for knowledge-sharing, interdisciplinary research, international academic interaction, and industry

engagement. Various academic and industry fields participated in the event, contributing to discussions on the growing role of AI in education, **energy**, ethics, intelligent systems, automation, manufacturing, and enterprise solutions.

Industry Participation and Practical Applications

An important component of AAIIC 2025 was the involvement of industry professionals. Senior professionals from Tata Consultancy Services (TCS), Apoorv Aggarwal and Rajit Sikka, shared insights into the practical application of AI across automation, manufacturing, and enterprise solutions.

Their sessions highlighted how businesses are integrating AI technologies into operational processes, developing intelligent systems, and improving the application of digital technologies in industrial environments.

This academic–industry interaction helped connect theoretical research with practical requirements and demonstrated the value of cooperation between universities and industry in technological innovation.

Relevance to Sustainable Development Goals

SDG 7: Affordable and Clean Energy

The conference included discussions on AI in energy, providing a thematic connection with **SDG 7 – Affordable and Clean Energy**. AI technologies have potential applications in energy-system optimization, energy-demand analysis, operational efficiency, and the integration of emerging energy technologies.

The conference's energy-related discussions therefore offered a platform for exploring the role of AI in energy innovation. However, any claim that specific renewable-energy or energy-efficiency outcomes were achieved would require additional evidence from the conference programme, presentation materials, or proceedings.

SDG 13: Climate Action

Artificial intelligence can contribute to climate-related research through environmental data analysis, climate modelling, monitoring systems, and the development of technology-based approaches to environmental challenges.

AAIIC 2025 promoted discussion and collaboration around applied AI and innovation, creating a potential connection with technology-driven approaches to sustainability. Nevertheless, the

available conference description does not establish a dedicated climate-action session or a measured climate impact. A direct SDG 13 claim should therefore be supported by relevant presentation titles, abstracts, or session documentation.

Outcomes and Significance

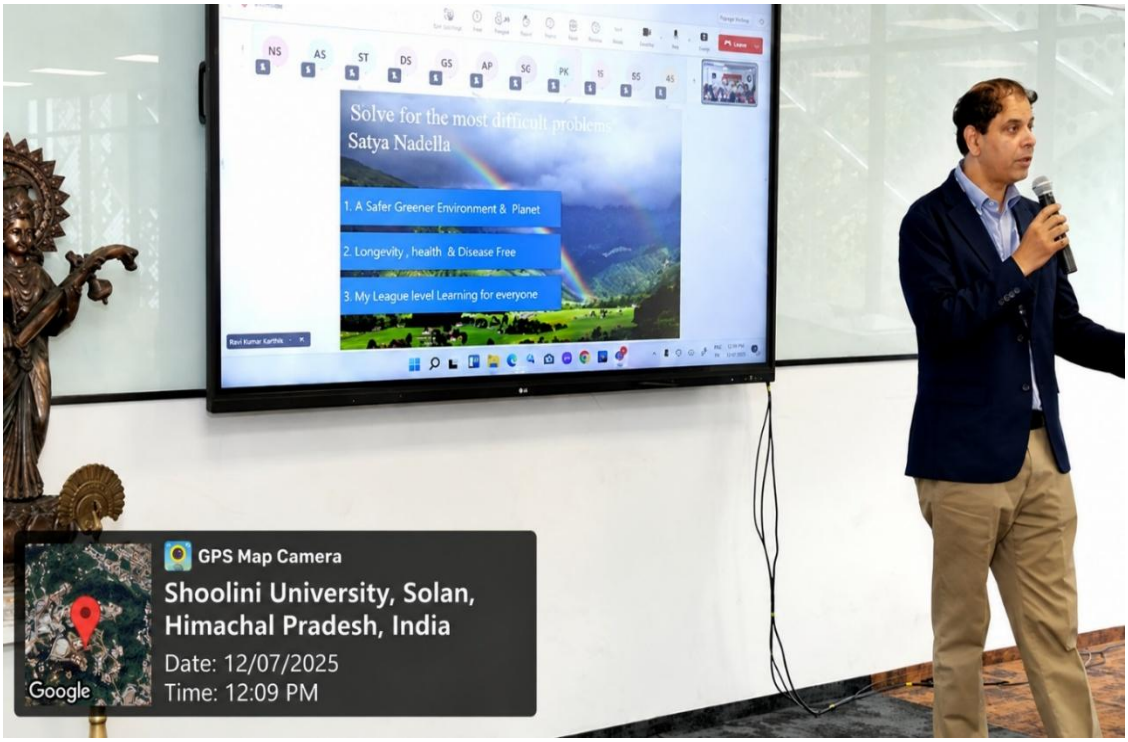
The conference brought together 72 participants from academic and industry fields and provided opportunities to:

1. Exchange research knowledge and perspectives on emerging artificial intelligence technologies.
2. Encourage international academic interaction and interdisciplinary collaboration.
3. Connect academic research with industry applications in automation, manufacturing, and enterprise solutions.
4. Explore AI applications across energy, education, ethics, and intelligent systems.
5. Highlight opportunities for collaboration between researchers, students, and industry professionals.

Suggested Supporting Evidence



AAIIC 2025, academia and industry experts



Dr. Ashish Khosla Session on AI and Innovation

Roots of Change: Shoolini's Plantation and Cleaning Drive

October 02, 2025

As part of Daan Utsav 2025, a week dedicated to the spirit of giving and service, NSS, NCC, and SFY (Shoolinians for You) at Shoolini University organized a vibrant Plantation and Cleaning Drive titled *"**Roots of Change.**"* The initiative embodied the values of care, compassion, and responsibility — reminding everyone that giving back to the Earth is one of the purest forms of contribution. The day began with a tree plantation activity, where volunteers planted a diverse range of saplings around the campus and nearby areas. Each plant symbolized growth, hope, and the university's vision for a greener tomorrow. Students pledged to nurture these saplings, ensuring that their act of giving would continue to flourish for years to come. The plantation drive reflected Shoolini's long-term commitment to sustainability and environmental protection, while also fostering a sense of ownership among participants.



Plantation and Cleaning Drive titled "Roots of Change" – Healing Himalayas Foundation

Community education

a) Unnat Bharat Abhiyan (Link to report)

Unnat Bharat Abhiyan is a flagship program of the Ministry of Education, Government of India. Shoolini University has actively participated in this initiative, focusing on the comprehensive development of adopted villages. The university has adopted five villages under this scheme, organizing various awareness programs, conducting skill development, holding legal awareness camps and capacity-building training sessions. The initiative has contributed significantly to the overall development of the five adopted villages, improving various aspects of rural life. Shoolini University actively organizes educational workshops and seminars for local village communities as part of its broader commitment to community development. These workshops cover a wide range of topics, including literacy, skill development, health awareness, environmental sustainability, and vocational training. By collaborating with local leaders and experts, the university ensures that the content is relevant to the needs of the community, empowering individuals with practical knowledge and skills that can enhance their livelihoods.



Infrastructure and Equipment Support for Rural Women



Rural Women Entrepreneurs gain Biz Skills at Shoolini University

b) PRAGATI Rural Women Entrepreneurs Development Programme (Link)

Project PRAGATI is a rural women's empowerment initiative led by Shoolini University's Centre for Leadership Coaching in collaboration with Pehal Foundation. Launched in November 2024, the programme supports rural women, known as Sakhis, through structured coaching, student mentorship, skill development and practical, helping participants strengthen their confidence, decision-making abilities and readiness to pursue livelihood opportunities.

Practical training in areas such as mushroom cultivation, food processing and other small-scale enterprise activities helps women explore locally relevant business opportunities. The programme has also provided equipment support to help participants apply their skills.

PRAGATI demonstrates Shoolini University's commitment to inclusive rural development by connecting academic expertise, professional coaching, student engagement and community partnerships to support women's economic empowerment and self-reliance.

SDG Alignment: SDG 5 – Gender Equality | SDG 8 – Decent Work and Economic Growth | SDG 17 – Partnerships for the Goals



Villages to Ventures: 'Pragati' Empowers Rural Women



[Shoolini Wins Global ICF Award 2026 for Project Pragati]

Carbon Neutral Sustainable Campus

Shoolini University promotes a sustainable campus through renewable energy adoption, energy-efficiency measures, environmental policies, waste management, and climate awareness initiatives. These efforts contribute to reducing the University's environmental footprint and supporting climate change mitigation. To demonstrate progress towards a carbon-neutral campus, the University can document the following activities using verified institutional records.

Key initiatives undertaken by Shoolini University

Solar energy generation: Shoolini University has installed a **400 kWp rooftop photovoltaic (PV) power plant** to generate clean electricity and partially meet the campus's energy requirements. The system converts solar radiation into electrical energy, providing a renewable alternative to conventional grid electricity. By integrating solar power into campus infrastructure, the University reduces its dependence on fossil-fuel-based electricity and supports the transition towards a cleaner and more sustainable energy system. The rooftop PV installation offers several environmental, operational, and institutional benefits. It helps reduce indirect greenhouse gas emissions associated with purchased electricity, contributes to climate

change mitigation, and supports the efficient utilization of available rooftop space without requiring additional land for a ground-mounted solar farm. The system also helps diversify the

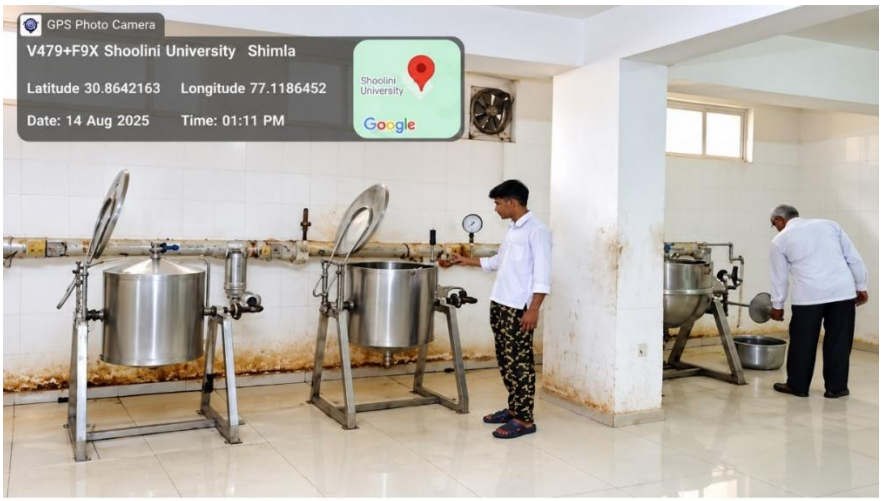


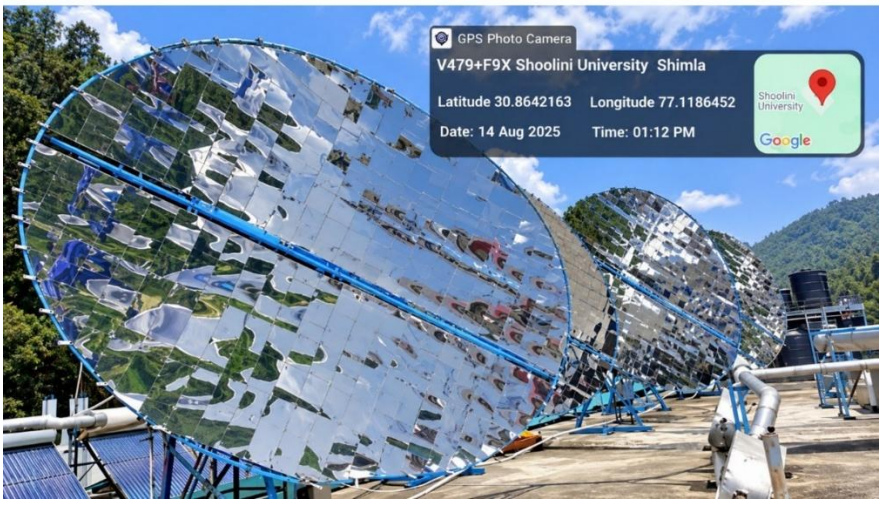
400 kWp PV Power plant installed on various buildings of Shoolini University

Solar water heating and cooking: Shoolini University has installed solar water heating systems using flat-plate and evacuated-tube collectors across all university hostels to provide daily hot water for residents. These systems harness solar energy, reducing dependence on conventional electricity or other heating fuels. Moreover, Shoolini University utilizes a concentrated solar thermal (CST) steam cooking system for regular food preparation, demonstrating its commitment to adopting renewable energy technologies for sustainable campus operations. The system harnesses solar radiation and concentrates the available solar energy to generate heat and steam for cooking, thereby reducing dependence on conventional LPG-based cooking cylinders. By using solar thermal energy, the University can reduce conventional fuel consumption and the associated greenhouse gas emissions, subject to the amount of LPG displaced and actual system performance.



Energy efficient heat pump based solar system in roof top of Aryabhata hostel





Concentrated solar powered community steam cooking system

Shoolini University has installed a 5-kW Wind–Solar PV Hybrid Off-Grid Power Plant to support renewable energy generation and promote sustainable campus operations. The hybrid system integrates wind and solar photovoltaic technologies to harness renewable energy sources and support the University's commitment to clean energy and climate action.

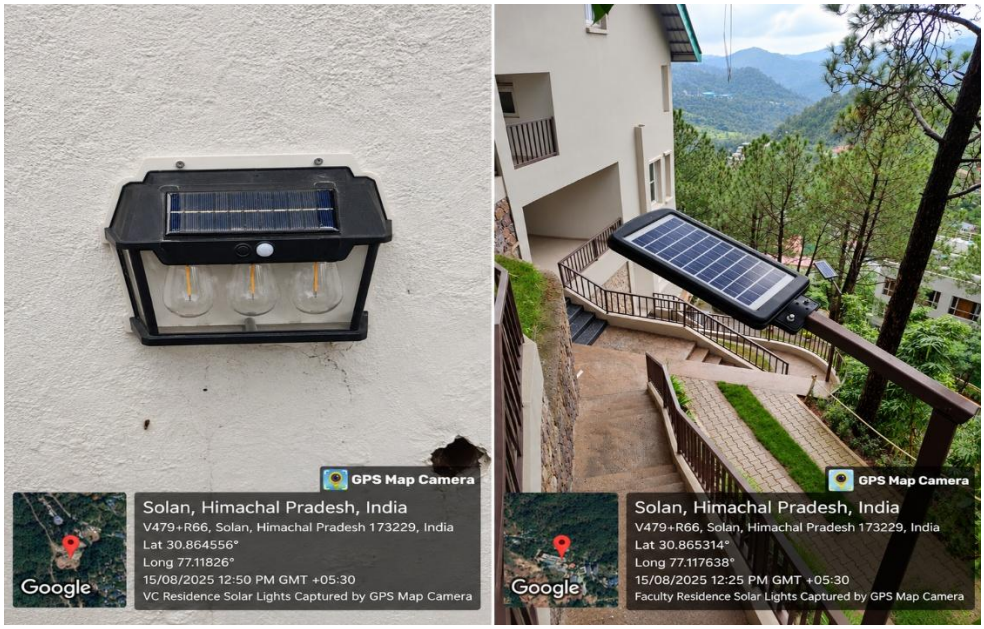
Alignment with the UN Sustainable Development Goals:

- **SDG 7** – Affordable and Clean Energy: Promotes the use of renewable energy technologies.
- **SDG 13** – Climate Action: Supports efforts to reduce reliance on conventional energy sources and associated greenhouse gas emissions.



5-kW Wind–turbine Installed in Shoolini University

Energy-efficient infrastructure: High-efficiency LED lighting has been systematically installed throughout all university buildings and along campus pathways. This widespread upgrade drastically cuts down overall electricity consumption while providing superior, reliable lighting efficiency across the entire institution.



Solar streetlights installed in the University campus

Sustainable transportation: Electric carts, restrictions on conventional vehicles, and encouragement of walking help reduce campus transportation emissions.



Electric Carts for local transportation on the university campus

Waste management: Shoolini University has installed a 1.5 m³ biogas system at its agricultural farm to utilize cow dung generated by the university dairy as a feedstock for renewable energy production. The system converts organic waste into biogas, which is used by farm labourers for cooking. This initiative promotes the productive reuse of animal waste and provides a sustainable alternative to cooking conventional fuels. The biogas system offers several environmental and operational benefits.



Biogas plant for cooking installed in agriculture farm

Conclusion

Shoolini University demonstrates its commitment to climate action and sustainability through publicly accessible institutional policies that promote energy efficiency, environmental protection, and climate change mitigation. Key policies include the Energy Policy, Environment Policy, Sustainable Procurement Policy, Sustainable Investment Policy, and Waste Disposal and Recycling Policy. These policies provide a framework for integrating sustainable practices into the University's operations and resource management. Together with environmental awareness initiatives, they support the University's commitment to SDG 13 (Climate Action) and its broader sustainability objectives.