



CAREER POINT
UNIVERSITY



13 CLIMATE
ACTION



CLIMATE ACTION

Is Humanity's "code Red" Warning



SDG 13: Climate Action

Sustainable Development Goal 13, “**Climate Action**,” emphasizes the urgent need to combat climate change and its impacts through awareness, policy, education, innovation, and sustainable practices. Universities play a crucial role in achieving this goal as centres of knowledge creation, research, and community engagement.



From an institutional perspective, **Career Point University** recognizes that higher education institutions are uniquely positioned to drive climate action by integrating environmental sustainability into their academic frameworks, operational systems, and community outreach initiatives. By promoting renewable energy use, reducing carbon emissions, conserving resources, and fostering research on sustainable technologies, the University contributes directly to climate change mitigation and adaptation efforts.

CPU's vision aligns with SDG 13 through its commitment to build an environmentally conscious campus, develop climate-resilient infrastructure, and encourage behavioural change among students and staff. The University integrates climate awareness into its curriculum, organizes capacity-building programs, and undertakes green campus initiatives such as tree plantation, water conservation, and solar energy adoption.

Through these combined efforts, Career Point University not only reduces its environmental footprint but also prepares future leaders who understand the global climate crisis and are equipped to create sustainable solutions. The University thus stands as a responsible institution actively contributing to **global climate action** and environmental stewardship.

Contribution through Academic Courses

Career Point University (CPU) actively integrates the principles of **Sustainable Development Goal 13: Climate Action** into its academic framework to promote environmental awareness and responsibility among students. The University emphasizes climate literacy through interdisciplinary teaching, research, and practical learning components across various courses.

Several departments offer **environment-oriented courses** such as *Environmental Studies, Renewable Energy Systems, Environmental Science, Ecology and Conservation, and Sustainable Development Practices*. These courses educate students about the causes and impacts of climate change, disaster management, mitigation strategies, and the adoption of sustainable technologies.

List of Courses

Sr. No	Course Code	Name of Course
1	ABM719	Seed Production Technology and management for livestock
2	BOL508	Fungi, Microbes and Plant Diseases
3	ESL814	Environmental Pollution
4	ESL812	Environmental Biogeochemistry
5	ESL811	Foundation Course on Ecology and Environment
6	PPL311/PPL321	Diseases of Field and Horticultural Crops
7	HOL971	Post-Harvest Technology for Fruit Crops
8	HOL972	Production Technology of Cool season Vegetable Crops
9	BOL901	Environmental Microbiology in Sustainable Development
10	ESL901	General Concept of Environmental Sciences
11	ESL902	Environmental Geology
12	ESL801	Power from Renewable and Environment Impacts
13	GEL503/ENL011/ENL041	Environmental Studies
14	BSL601/BSL553	Environmental Studies and Disaster Management
15	SOL903	Environment and Society
16	ESL903	Environmental Management and Conservation of Biodiversity
17	BPL115	Environmental Sciences


18	BPP313	Herbal Drug Technology Practical
19	ABM726	Agro-Chemicals & Technology Management
20	AGL322	Principles of Organic Farming
21	ARL651	Introductory Agro-meteorology & Climate Change
22	SSL551	Soil Fertility Management
23	SSP551/ELP427	Organic Production Technology
24	ESL816	Environmental Chemistry.
25	ESL815	Environmental Biology, Natural Resources and Biodiversity.
26	ESL817	Environmental Microbiology and Environmental Impact Assessment.
27	ESL818	Environmental Biotechnology.
28	PUL922	Infectious Diseases and Control Programmes
29	GEL502	Geography of Environment
30	CYL913	Chemistry of Natural Products.
31	ESL909	Analytical Techniques, Solid Waste Management
32	ESL906	Ecotoxicology and Environmental Health
33	ZOL907	Animal Behaviour & Wildlife Conservation – II


Contribution through Activities

Career Point University (CPU) demonstrates its commitment to **SDG 13: Climate Action** through various campus and community-based activities aimed at promoting environmental protection and climate awareness. The University organizes **tree plantation drives, cleanliness campaigns, and energy conservation initiatives** to encourage students and staff to adopt sustainable practices in daily life.

The University also celebrates important environmental days such as **World Environment Day, Earth Day, and Energy Conservation Day**, engaging the campus community in discussions and activities that promote sustainable living and climate resilience. These continuous efforts help instil a sense of environmental responsibility among students and align the University’s mission with global climate action goals.


1. Greening Our World: Planting for a Sustainable Future


 CAREER POINT UNIVERSITY Department of Education	
Title	"Greening Our World: Planting for a Sustainable Future"
Date	2nd March 2024
Introduction of the Event	<p>On the 2nd of March 2024, the Department of Education at Career Point University, Kota, orchestrated a significant event aimed at environmental conservation and community engagement: a plantation drive.</p> <p>This endeavor sought to harness the collective efforts of students, faculty, and staff to contribute to the greening of our surroundings while fostering a sense of responsibility towards environmental sustainability. With a focus on nurturing a culture of environmental stewardship, the plantation drive served as a platform for participants to actively engage in the preservation and enhancement of our ecosystem.</p>
Objective of the Event	<p>The primary objective of the plantation drive organized by the Department of Education at Career Point University, Kota, on 2nd March 2024, was to instill a sense of environmental responsibility and promote sustainable practices among students, faculty, and staff. Specifically, the objectives were:</p> <ul style="list-style-type: none"> To raise awareness about the importance of afforestation and biodiversity conservation in combating climate change and mitigating environmental degradation. To actively involve participants in tree plantation activities, thereby contributing to the enhancement of green cover and ecological balance in the local community. To provide a platform for experiential learning and hands-on participation, fostering a deeper understanding of environmental issues and the role of individuals in addressing them. To cultivate a sense of ownership and pride in the campus environment among stakeholders, encouraging ongoing engagement in environmental initiatives beyond the event. To promote collaboration and teamwork among participants, fostering a sense of community and shared responsibility towards environmental stewardship.

Beneficiaries of the Event (Student/Faculty/Community etc - 25 words)	CPU students, staff, and Community
Brochure or creative of the event	 <p>The brochure features the text: "School of Education, CPU Organizing Plantation Drive 2nd Mar. 2024 01:00 pm CPU Campus, Alaniya, Kota" with the Career Point University logo at the bottom.</p>
Schedule of the Event	1:00 PM onwards
Brief Description of the event	<p>The plantation drive organized by the Department of Education at Career Point University, Kota, on 2nd March 2024, was a resounding success, bringing together students, faculty, and staff in a concerted effort to contribute to environmental conservation and community welfare. The event commenced with an informative session highlighting the significance of afforestation and the importance of preserving biodiversity for a sustainable future.</p> <p>Participants enthusiastically took part in the tree plantation activities, with each individual actively contributing to the greening of the campus environment. Saplings of indigenous tree species were carefully planted in designated areas, ensuring optimal growth conditions and long-term viability. Guided by experienced facilitators, participants learned about proper planting techniques and the ecological benefits of the trees being planted.</p>

2. Joint Celebration of Worlds of Forestry, Water & Meteorological Day



Joint Celebration of Worlds of Forestry, Water & Meteorological Day (School of Agricultural Sciences)	
Title	Joint Celebration of Worlds of Forestry, Water & Meteorological Day
Date	21 March, 2024
Introduction of the Event	<ol style="list-style-type: none"> 1. World Forestry Day- World Forestry Day is celebrated annually on March 21st. This global observance aims to raise awareness about the importance of forests and trees in sustaining life on Earth. 2. World Water Day- World Water Day is an annual observance held on March 22nd, dedicated to highlighting the importance of freshwater and advocating for the sustainable management of water resources. 3. World Meteorological Day- World Meteorological Day is celebrated annually on March 23rd to commemorate the establishment of the World Meteorological Organization (WMO) in 1950.
Objective of the Event (Bullet points or about 50 words)	<p>The objective is to organize a joint celebration of World Forestry Day, World Water Day, and World Meteorological Day to raise awareness among students about the interconnectedness of these vital environmental elements and their significance in sustaining life on Earth.</p> <p>Through engaging activities and educational sessions, we aim to foster a deeper understanding of the importance of forests, water resources, and meteorological phenomena in promoting environmental sustainability and addressing climate change challenges.</p>
Beneficiaries of the Event (Student/Faculty/Community etc - 25 words)	Students benefit from the Joint Celebration of Worlds of Forestry, Water & Meteorological Day by gaining interdisciplinary knowledge, fostering environmental awareness, and promoting sustainability.


<p>Details of the Guests (Chief Guests, Speakers - Designation, Organization, if any please give them in Serial No)</p>	<p>Speaker – Induction of Program – Dr. Gunnjeet Kaur, Associate Dean, SOAS Speakers</p> <ul style="list-style-type: none"> • World Forestry Day – Mr. Rohitshav Nagar, Assistant Professor, Department of Agronomy, SOAS • World Water Day – Dr. Chetan Kumar Nagar, Assistant Professor, Department of Agricultural Engineering • World Meteorological Day – Mr. Narsendra Bhinda Assistant Professor, Department of Agronomy, SOAS
<p>Brochure or creative of the event</p>	



Schedule of the Event	<p>Date- 21.03.2024 Quiz- 10:00 – 10:40 AM Poster- 10:45-11:45 Am Prize Distribution- 1:00-3:45 PM</p>
Brief Description of the event	<p>Overall, the quiz competition involved 116 students from the entire B.Sc. Agriculture program, with Miss Ojasvi Sharma (6th semester), Harison Meena (4th semester), and Chandan Verma (4th semester) securing the first, second, and third positions, respectively.</p> <p>During the poster making competition, 24 students participated with the theme of saving forestry, water, and meteorology. Among them, Khushi Jangid secured the first position, followed by Khushi Malav in second place, and Chandan Verma in third position.</p>
Photographs (Share 2-4 selected photographs and link of directory for remaining photos)	

<p>News Publication (If any)</p>	
<p>Link of CPU/Club website/ Youtube etc.</p>	<p>https://www.instagram.com/p/C4z8OzhuB0?igsh=ZWpma3V1MzI1MjVj</p>

3. World Environment Day Awareness Campaign

 CAREER POINT UNIVERSITY 	
Ecology and Environment Club	
Title	World Environment Day Awareness Campaign
Date	05/06/2024
Introduction of the Event	World Environment Day 2024, celebrated on June 5th, continues to serve as a global platform for encouraging awareness and action for the protection of our environment. Established by the United Nations General Assembly in 1972 and first observed in 1974, this annual event has grown to become the largest global celebration for positive environmental action.
Objective of the Event (Bullet points or about 50 words)	<ol style="list-style-type: none"> To educate the public on the importance of ecosystem restoration and the ways individuals and communities can contribute. To encourage actions at all levels, from local community efforts to global initiatives, aimed at restoring natural habitats and preserving biodiversity. To urge governments and policymakers to implement and enforce laws and regulations that protect and restore ecosystems. To foster cooperation between governments, NGOs, businesses, and individuals to create a unified approach to environmental protection.

Beneficiaries of the Event (Student/Faculty/Community etc - 25 words)	World Environment Day 2024, focusing on "Restoring Ecosystems," benefits a wide range of stakeholders, including: <ol style="list-style-type: none"> Natural Ecosystems and Biodiversity <ul style="list-style-type: none"> Forests, Wetlands, Oceans, and Grasslands Wildlife Human Communities <ul style="list-style-type: none"> Local Communities Urban Populations: Indigenous Peoples
Brochure or creative of the event	 <p>Theme: Land Restoration, Desertification and Drought Resilience</p> <p>CAREER POINT UNIVERSITY</p>
Schedule of the Event	05/06/2024
Brief Description of the event	To promote the importance of the green and clean environment, Career Point University celebrated the World Environment Day 2024. The

	program began with an expert lecture by Dr. Rohit Kumar, Asst. Prof. Geography. Later, the faculties took to the surrounding university areas across the villages where they donated the plant saplings to the villagers and also planted several plants along the way to contribute to the society.
Photographs (Share 2-4 selected photographs and link of directory for remaining photos)	 

Attendance of the Event (Attach the relevant document or paste list at the end of the report)	Faculty Members of CPU & villagers of Alaniya
News Publication (If any)	<p>2024-06-06 सांगोद-इटावा-सुल्तानपुर (1)</p> <p>सांस्कृतिक</p> <p>पौधरोपण कर सार-संभाल करने की जिम्मेदारी तय की</p>  <p>सांगोद-इटावा-सुल्तानपुर में पौधरोपण कार्यक्रम के दौरान सांगोद-इटावा-सुल्तानपुर में पौधरोपण किया गया। कार्यक्रम के अंतर्गत सांगोद-इटावा-सुल्तानपुर में पौधरोपण किया गया। कार्यक्रम के अंतर्गत सांगोद-इटावा-सुल्तानपुर में पौधरोपण किया गया।</p>
Link of CPU/Club website/ Youtube etc.	https://www.facebook.com/share/p/ogKGku4Fcs2jAFi?mibextid=ofDKnk

4. हरित सप्ताह

हरित सप्ताह (Green Week), organized by the NSS at Career Point University, will take place from 3rd to 7th July 2024. The event focuses on a comprehensive Tree Plantation Drive aimed at enhancing the green cover of the university campus and promoting environmental sustainability. Over five days, students, faculty, staff, and community members will engage in planting native trees, participating in workshops on tree care, and fostering a sense of environmental stewardship. The event will include an inauguration ceremony, daily planting sessions, and a closing ceremony to celebrate the collective efforts towards a greener future.



5. Tag a Tree - Tribute to Indian Freedom fighters on Quit India movement on

"Tag a Tree - Tribute to Indian Freedom Fighters" is an event organized by the National Service Scheme (NSS) at Career Point University to honor the martyrs of the Quit India Movement on August 9, 2024. Volunteers have done the homes of these martyrs, then tag trees in their honor, naming each tree after a freedom fighter. The event aims to create awareness about the historical significance of the Quit India Movement while promoting environmental conservation. Through this activity, students and faculty will engage in sustainable practices, enhance their connection to national history, and contribute to preserving the environment.



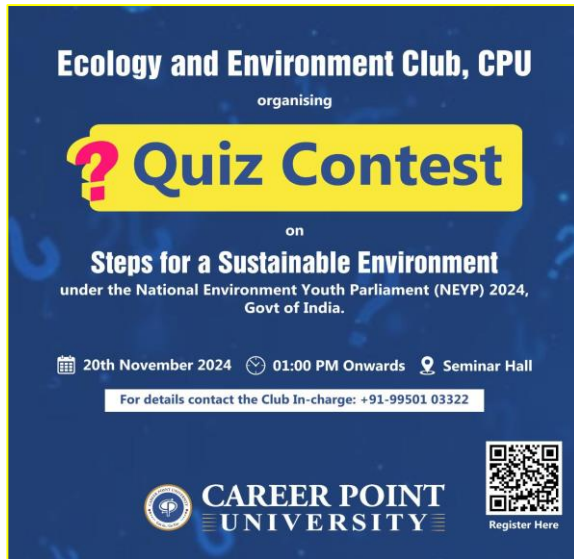
NSS Club, CPU
Organizing
**TAG A
TREE ACTIVITY**

📅 9th August 2024
🕒 Morning to Evening
Mode: Online

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6. Steps for Sustainable Environment



Introduction of the Event

As we witness the increasing challenges posed by climate change, pollution, deforestation, and waste mismanagement, it is essential for each of us to reflect on our individual and collective responsibilities towards the planet.

Through this activity, we aim to explore practical and innovative steps that can lead to a greener and more sustainable future. Together, we will discuss strategies such as reducing waste, conserving natural resources, promoting renewable energy, and encouraging eco-friendly habits in our daily lives. By doing so, we aspire to not only protect the environment but also secure a healthier planet for future generations.

This initiative isn't just about discussions but about empowering each one of us to take meaningful actions, no matter how small they may seem. Remember, change starts with us, and every step counts.

Brief Description

This club activity is designed to inspire and engage participants in meaningful actions to promote environmental sustainability. The activity focuses on raising awareness about current environmental challenges and encouraging practical solutions that contribute to a greener and healthier planet.

Key Highlights of the Activity:

- Awareness Sessions:** Interactive discussions, presentations, or documentaries that highlight pressing environmental issues such as climate change, deforestation, pollution, and resource depletion.
- Eco-friendly Workshops:** Hands-on workshops on topics like waste management, recycling, composting, energy conservation, and sustainable gardening.
- Community Engagement:** Organizing activities such as tree-planting drives, clean-up campaigns, or awareness rallies to promote collective action within the community.
- Innovation Challenge:** Participants brainstorm and propose creative, sustainable solutions to environmental problems, fostering innovation and teamwork.
- Action Plan Development:** Encouraging participants to develop personal or group action plans outlining simple steps to reduce their carbon footprint, conserve resources, and adopt sustainable habits.
- Sharing Success Stories:** Inviting guest speakers or showcasing success stories of individuals, groups, or organizations making a positive environmental impact to inspire and motivate participants.

Contribution through Research and Innovation

Career Point University (CPU) actively promotes **research and innovation** aimed at addressing the challenges of climate change and supporting sustainable environmental practices. The University encourages faculty members and students to engage in **research projects focused on renewable energy, waste management, water conservation, and sustainable agriculture.**

Researchers at CPU explore innovative solutions for **carbon footprint reduction, solar energy utilization, rainwater harvesting, and green building technologies.** The University's **research centers and laboratories** provide platforms for developing climate-resilient technologies and environmentally friendly products that contribute to sustainable development.

List of Books & Chapters

Sr. No	Name of the teacher	Title of the book published	Year of publication	ISBN number
1	Dr. Sukirti Priyadarshni, Dr. Priti Sharma	Horizons of Humanity: Exploring Society, Environment, and the Literary Imagination	2024	978-81-972751-7-3
2	Dr. Surabhi Singh, Kriti Tripathi, Erum Gullnaz, Arun Sharma, Insha Aara	Environmental Chemistry	2024	978-81-97169304
3	Aditi Gaur, Amit Goyal, Pratima Rawal, Ravi Ranjan, Sandeep Kumar	Pioneering Sustainability: Innovative Approaches to Global Development	2024	978-81-976548-5-5
4	Dr. Aditi Gaur , CMA Amit Goyal, Dr. Pratima Rawal, Ravi Ranjan , Richa Gulati	Resilient Business Strategies in the Face of Climate Change	2024	978-81-977692-2-1
5	Girish Kr. Vyas, Nitin Nama, Harshita Jain, Rahul Kumar Ancheria	A comprehensive textbook on natural resources, ecosystems and environmental pollution	2024	978-81-972751-0-4
6	Dr. Rohit Kumar	Environment and Sustainable Development: A Theoretical Framework	2024	978-81-972751-7-3
7	Dr. Priti Sharma	Sustainable Development	2024	978-81-972751-7-3
8	Ms.Kriti Tripathi	Atmospheric Chemistry and Climate Change	2024	978-81-97169304
9	Dr. Surabhi Singh & Insha	Chemical Processes for the Formation of Inorganic and Organic Particulate Matter in Atmosphere	2024	978-81-97169304
10	Dr. Surabhi Singh & Insha	Environmental in Atmosphere	2024	978-81-97169304

11	Dr. Arun Sharma	The Impact of Various Environmental Pollutants on the Earth's Atmosphere	2024	978-81-97169304
12	Dr. Surabhi Singh & Insha	Thermochemical and Photochemical Reactions in the Atmosphere	2024	978-81-97169304
13	Rohitashv Nagar, Deepak Nagar, Narendra Bhinda, Prakash Chand Choudhary	Climate Change's Effects on The Biodiversity of Agroecosystems: An Overview	2024	978-81-972154-9-0
14	Mr. Naman Paliwal; Dr. Chetan Kumar Nagar	Climate and Environmental Factors	2024	978-81-972154-4-5
15	Mr. Rohitashv Nagar Mr. Deepak Nagar Mr. Prakash Chand Choudhary Dr. Narendra Kumar Bhinda	Impact of Climate Change on Weed Dynamics	2024	978-81-976863-7-5
16	Sanjeev Kumar, Dr. Jitendra Kumar Tiwari	A Study of Climate Change Awareness Among High School Students of Palampur Block Himachal Pradesh	2024	978-81-97196775
17	Dr. Harshita Jain	Air Pollution	2024	978-81-972751-0-4
18	Dr. Arun Sharma	"Sustainability Science: Intersecting Environmental and Social Sciences"	2024	978-81-975859-7-5
19	Dr. Jitendra Kumar Tiwari	Conservation of Environment and Peace Education	2024	978-81-975859-9-9
20	Dr. Rohit Kumar	Our Footprint on the Planet: Environmental Geography and Sustainability	2024	978-81-976863-0-6
21	Dr. Aditi Gaur	Climate Adaptation and Mitigation Strategies	2024	978-81-977692-2-1
22	Ms. Richa Gulati	Developing Climate Resilience Plans	2024	978-81-977692-2-1
23	Mr. Ravi Ranjan	Learning from Climate-Resilient Enterprises	2024	978-81-977692-2-1
24	Mr. Ravi Ranjan	Understanding Climate Risk's Impacts on Business	2024	978-81-977692-2-1

Contribution through MoUs/Collaborations

Career Point University (CPU) has established meaningful **collaborations and Memoranda of Understanding (MoUs)** with organizations that promote environmental sustainability and climate action. These partnerships strengthen the University's efforts in achieving **Sustainable Development Goal 13: Climate Action** through joint research, training, and awareness programs.

The University has signed MoUs with the following institutions:

- **Krishi Van Research Centre, Dehradun (Uttarakhand):** This collaboration focuses on research and field-based initiatives related to **sustainable agriculture, biodiversity conservation, and afforestation**. Through this partnership, CPU engages students and researchers in projects promoting eco-friendly farming techniques and carbon sequestration practices.
- **The Fern Hotels & Resorts, Gujarat:** This partnership supports initiatives in **sustainable hospitality management**, energy efficiency, and waste reduction. It offers students exposure to **green business practices**, renewable energy applications, and environmental management strategies within the tourism and hospitality sector.

Through these strategic collaborations, Career Point University enhances academic learning with practical sustainability experiences, thereby fostering a culture of environmental responsibility and innovation in line with **SDG 13: Climate Action**.

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