



CAREER POINT
UNIVERSITY



SDG Report 2024

**Institutional Commitment to the
United Nations Sustainable
Development Goals
(SDGs)**



Institutional Report on Contributions Toward the United Nations Sustainable Development Goals (SDGs)

Introduction

Institutional Commitment to the United Nations Sustainable Development Goals (SDGs)

Career Point University (CPU), Kota, Rajasthan, is firmly aligned with the United Nations' 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals (SDGs). The University demonstrates its commitment to sustainability and social responsibility through its academic programs, research initiatives, and campus operations that collectively address global challenges such as poverty, inequality, climate change, and environmental degradation.

Through an integrated framework of education, research, and community engagement, CPU has cultivated a campus ecosystem that fosters innovation, inclusivity, and environmental consciousness. The University's sustainability initiatives are strategically aligned with the SDGs, focusing on waste management, renewable energy, gender equity, green infrastructure, community outreach, and strategic partnerships with national and international organizations.

CPU's faculty members have made significant scholarly contributions toward advancing the global sustainability agenda. The **edited books published** in 2024 reflect the University's intellectual engagement with diverse dimensions of the SDGs, serving as key academic resources that strengthen interdisciplinary research and promote societal awareness around sustainable development.

Reinforcing this academic engagement, the **CPU Patent List (2024)** highlights faculty-led innovation spanning eight SDGs, reflecting a strong interdisciplinary approach to addressing societal and environmental challenges. The majority of these patents focus on agricultural sustainability (SDG 2) and health and well-being (SDG 3), complemented by innovations in industrial development (SDG 8, SDG 9) and governance frameworks (SDG 16). Collectively, these patents underscore CPU's emphasis on applied research that generates measurable social, environmental, and economic impact.

CPU has also established more than **40 national and international Memorandum of Understanding (MoUs)** to promote academic exchange, applied research, innovation, and social development. These collaborations strengthen the University's vision of interdisciplinary growth and global cooperation, advancing its mission of promoting sustainability, inclusion, and knowledge-driven transformation.

In the realm of research, CPU's faculty have **published 40 research papers** in 2024 addressing nine SDGs, encompassing environmental protection, healthcare innovation, education, industrial development, and social sustainability. The prominence of research aligned with SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 15 (Life on Land) underscores CPU's academic leadership in advancing health innovation, industrial technology, and biodiversity conservation.

Through its comprehensive sustainability framework, Career Point University ensures that the principles of sustainable development extend beyond the classroom to create tangible real-world impact. By empowering students, engaging communities, and integrating sustainability into institutional culture, CPU continues to contribute meaningfully to India's and the world's sustainable future.

CPU's Goal-wise Contributions to the UN-SDGs

SDG 1 – No Poverty

Career Point University addresses poverty alleviation through academic and community programs emphasizing economic empowerment and social inclusion. Courses in economics, commerce, and social work integrate livelihood creation and financial literacy. Outreach programs such as NSS and Unnat Bharat Abhiyan engage students in rural capacity building and vocational training, strengthening local economies.

SDG 2 – Zero Hunger

CPU promotes sustainable agriculture through research, patents, and start-ups. Faculty-led work on soil fertility, crop enhancement, and pest management advances food security. Start-ups like Agro Research Centre focus on organic farming and mushroom cultivation. Community nutrition drives and agricultural workshops enhance rural food resilience and farmer awareness.

SDG 3 – Good Health and Well-Being

Health is a central focus at CPU. Academic programs in pharmacy, physiotherapy, and biotechnology, alongside 23+ wellness activities, support preventive care and community health. Start-ups such as Swasthamsutra and ByteRight foster nutrition innovation, while health camps, yoga sessions, and blood donation drives extend social health benefits. Research and patents enhance biomedical science, directly contributing to SDG 3.

SDG 4 – Quality Education

With 525 courses aligned to SDG 4, CPU's academic mission ensures inclusive and equitable quality education. Faculty research in pedagogy, digital learning, and STEM supports lifelong learning. Collaborations with international universities enhance global exposure, while literacy programs and student mentoring promote community engagement.

SDG 5 – Gender Equality

Gender equality is embedded in CPU's institutional framework. Gender sensitization is integrated into the curriculum, and dedicated committees such as ICC ensure a safe campus. Workshops, awareness drives, and gender audits reinforce inclusivity. Research chapters and activities empower women through education and leadership opportunities.

SDG 6 – Clean Water and Sanitation

CPU's water conservation systems, including rainwater harvesting and wastewater reuse, demonstrate sustainability in action. Research on water resource management and student-led clean campus campaigns emphasize hygiene and sustainable water use across campus operations.

SDG 7 – Affordable and Clean Energy

Energy efficiency is promoted through renewable systems and battery-operated vehicles. Academic courses in sustainable energy and research on waste-to-energy solutions contribute to reducing carbon emissions and promoting low-impact technologies.

SDG 8 – Decent Work and Economic Growth

CPU nurtures entrepreneurship and economic growth through business education, patents on industrial optimization, and multiple start-ups generating local employment. Collaborations with industries and MSMEs under MoUs promote skill enhancement and economic inclusion. Extension activities further support employment-oriented community programs.

SDG 9 – Industry, Innovation and Infrastructure

Research-driven innovation is a hallmark of CPU's progress. Faculty patents and research in AI, automation, and industrial design foster a robust innovation ecosystem. Start-ups in IT and cybersecurity, alongside MoUs with tech firms, strengthen infrastructure development and digital resilience.

SDG 10 – Reduced Inequalities

CPU's inclusive policies, community outreach, and gender programs advance equitable growth. Courses and research addressing social inclusion, along with student-led rural education programs, contribute to reducing inequalities in access to learning and livelihood.

SDG 11 – Sustainable Cities and Communities

Through urban sustainability programs and green campus initiatives, CPU promotes cleaner environments and responsible citizenship. Tree plantation drives, plastic-free policies, and waste recycling support eco-friendly campus living, while MoUs foster sustainable urban innovation.

SDG 12 – Responsible Consumption and Production

CPU practices responsible consumption via solid waste segregation, composting, and recycling. Research and book chapters address sustainable industrial systems and circular economy principles. Awareness drives reduce plastic use and promote zero-waste lifestyles among students and staff.

SDG 13 – Climate Action

Environmental research, awareness campaigns, and renewable energy initiatives collectively contribute to climate action. Extension activities on climate literacy and eco-restoration connect education with community-level environmental protection.

SDG 14 – Life Below Water

While an emerging focus, faculty research and book chapters address aquatic biodiversity, pollution control, and sustainable water ecosystems. These intellectual contributions highlight growing engagement with marine conservation themes under SDG 14.

SDG 15 – Life on Land

CPU's environmental programs promote biodiversity conservation and afforestation. Research, patents, and community efforts address soil enrichment and ecological restoration. Student activities, tree plantations, and sustainability practices demonstrate tangible outcomes aligned with SDG 15.

SDG 16 – Peace, Justice and Strong Institutions

Legal literacy, governance education, and ethical training are core to CPU's institutional ethos. Law and political science programs nurture informed citizenship, while the Internal Complaints Committee and Redressal mechanisms ensure integrity and justice on campus. Research and MoUs reinforce institutional development consistent with SDG 16.

SDG 17 – Partnerships for the Goals

CPU fosters collaboration across academia, industry, and government through 41 MoUs and joint research projects. Partnerships with ICAR, REVE Automation, and India Millet Initiative demonstrate multi-stakeholder engagement. Start-ups and policy collaborations extend CPU's impact globally, embodying SDG 17's vision of shared progress.

SDG Goal-Wise Achievements

SDG 2 - Zero Hunger

CPU intellectual contribution through **patents** strengthen sustainable agriculture through enhanced soil fertility, pest management, and crop quality improvement. They contribute to food security, sustainable farming systems, and agri-tech innovation

Number of Patents: 9

Representative Innovations:

- Chemical Management of Fusarium Wilt in Lentil Crop
- Impact of Lime and Boron Fertilization on Mustard Crop
- Genetic Diversity Evaluation in Mungbean
- Optimization of Machine Parameters for Peeling Garlic Bulbs
- Innovative Assay for Assessing Phenol Content in Agricultural Products
- A Systematic Approach to Increase the Productivity of Agricultural Yields
- From Farm to Fault: Deterioration Dynamics of Agro-Products
- A Novel Approach for Processing Moringa Leaf Powder

Collaborative Growth Through **Institutional MoUs** –

These collaborations promote sustainable agriculture, nutritional research, and climate-resilient farming practices through millet and crop-based innovations. They aim to improve food systems, encourage agricultural entrepreneurship, and enhance farmer capacity-building.

MoU Partners-

- The India Millet Initiative, Noida & Sorghum Utilization Research Unit (ICAR)
- BigHaat Agro Pvt. Ltd.

CPU's initiatives tackle hunger on campus through *affordable, nutritious meals* in hostels and canteens, quality food ingredients, and customized meals for unwell students.

SDG 3: Good Health and Well-Being

CPU actively promotes the health and well-being of its students, faculty, and local communities through continuous medical, nutritional, and wellness initiatives.

Key Achievements:

- Regular health awareness campaigns, yoga demonstrations, and wellness workshops are organized for students and staff.
- Medical and dental check-ups, blood donation drives, and physiotherapy camps are held in collaboration with district health departments and NGOs.
- Over 2,500 individuals from neighboring communities have benefitted from free physiotherapy and health consultations.
- Observances such as National Nutrition Week, International Breastfeeding Week, and World Health Day are celebrated to enhance health literacy.
- These initiatives embody CPU's proactive role in advancing community health and fostering a culture of holistic well-being.
- **Five edited books** in the field of Physiotherapy and Community Health significantly advance clinical knowledge, rehabilitation practices, and public health awareness. These contributions support research-based learning, promote preventive healthcare, and directly enhance teaching outcomes in health sciences.
- CPU intellectual contribution through **patents** enhance public health and rehabilitation technologies through innovations in physiotherapy, medical devices, and pharmaceutical research. They directly promote accessibility, physical well-being, and preventive healthcare practices.

Number of Patents: 6

Representative Innovations:

- Smart Eyeglasses with Image Recognition and Navigation for the Visually Impaired
- A New Dimension in Shoulder Rehabilitation
- Intelligent Bolster with Real-Time Feedback for Physiotherapy
- A Model to Analyze the Potential of a Medicinal Plant Compound

- Analgesic Potential of *Gyrocarpus Americanus*

Collaborative Growth Through **Institutional MoUs** –

These collaborations strengthen health education, physiotherapy training, and clinical research collaborations. Joint workshops, internships, and medical awareness programs foster innovation in healthcare delivery and community well-being.

MoU Partners:

- Kota Heart Group of Hospitals, Kota
- Medicon Group, India
- INTI International University (Malaysia)

CPU **Research publications** enhance health outcomes through innovative healthcare solutions. They strengthen interdisciplinary collaboration between pharmacy, biotechnology, and life sciences, aligning closely with SDG 3.

Number of Papers: 10

Research Topics:

- Novel fluorinated thiazolidinone derivatives and their biomedical potential
- Pharmacological evaluation of antioxidant and antimicrobial properties in plants
- Nutritional and medicinal chemistry-based studies on natural products
- Design and evaluation of vesicular emulsoome drug systems

Access to balanced and hygienic meals, health-conscious menu planning, and awareness workshops promote students' physical and emotional well-being.

SDG 4: Quality Education

Career Point University upholds its commitment to inclusive, equitable, and quality education through learner-centric pedagogy, extension activities, and social engagement.

Key Achievements:

- Integration of sustainability and gender sensitization modules across disciplines to foster responsible global citizenship.
- NSS and NCC units engage students in community development, environmental awareness, and national integration programs.
- Extension initiatives such as literacy drives, legal awareness camps, and agricultural sustainability workshops contribute to rural empowerment.
- Active participation in National Education Policy (NEP) 2020 implementation workshops and innovation strategies.
- Through these efforts, CPU not only enhances academic excellence but also nurtures socially conscious graduates.

- The publication *'Hearts & Empires: Literature's Reign from Roma to Raj'* enriches the humanities curriculum and encourages interdisciplinary perspectives, aligning with inclusive and equitable education for all.

Collaborative Growth Through **Institutional MoUs** –

These collaborations focus on faculty and student exchange, joint curriculum development, and research capacity-building. They elevate academic quality, expand international linkages, and strengthen inclusive access to quality higher education.

MoU Partners:

- Mendel University, Brno (Czech Republic)
- ICFAI University, Sikkim
- Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur
- Auratus Educational Consulting LLP

CPU contributes through *research papers* to improving learning methodologies, STEM pedagogy, and educational governance frameworks, advancing access to quality, research-based education in line with SDG 4.

Number of Papers: 4

Research Topics:

- Fractional calculus operators for computational learning models
- Educational administration and modern pedagogy research
- Studies promoting mathematical reasoning and analytical capability

By ensuring food security, CPU enables students to focus on academics, recognizing nutrition as vital for learning and academic performance.

SDG 5: Gender Equality

Gender equality forms a cornerstone of CPU's institutional ethos. The University fosters an inclusive environment where women are empowered academically, professionally, and socially.

Key Achievements:

- Regular gender audits ensure parity and continuous improvement.
- Integration of gender sensitization into academic curricula promotes awareness and inclusivity.
- The Internal Complaints Committee (ICC) enforces zero-tolerance for harassment and discrimination.
- Separate hostels, secure common rooms, and CCTV surveillance ensure safety and dignity for women on campus.
- Workshops and observances such as International Women's Day, Women Empowerment in Rural Areas, and Rights Against Domestic Violence strengthen awareness. These initiatives directly align with SDG 5 by ensuring equality, safety, and empowerment for all genders.

- Through the publication *Women and Leadership in Ancient Epics*, faculty explored historical narratives of women's empowerment, bridging literature and social justice to promote gender inclusivity and awareness.
- CPU intellectual contribution through **patent** supports data-driven gender analysis, empowering institutions and policymakers to measure and promote women's economic and social inclusion.

Number of Patents: 1

Representative Innovation:

- A System for Analyzing the Impact of Women's Participation in Economic and Social Development

SDG 6 – Clean Water and Sanitation

Initiatives and Achievements:

Rainwater Harvesting: Installed systems across campus for groundwater recharge and irrigation.

Water Conservation Practices: Promotion of responsible water use through awareness campaigns and infrastructure optimization.

Research on Sustainable Water Management: Focused on improving water quality, treatment technologies, and governance frameworks.

Supports the prevention of water scarcity and advancement of sustainable water ecosystems.

Research Contributions:

Number of Papers: 3

Research Topics:

- Cutting-edge wastewater treatment technologies
- Time series analysis and forecasting of water resources
- Regulatory frameworks for water management and sustainability

SDG 7 – Affordable and Clean Energy

Initiatives and Achievements:

Promotion of bicycles and battery-powered vehicles within campus to reduce dependence on fossil fuels.

Energy-efficient infrastructure integrated across campus buildings to lower energy consumption.

Renewable energy technologies incorporated into institutional operations, reducing overall carbon footprint.

Intellectual Property Contribution:

Patent Filed:

- Eco Fusion: Waste-Powered Energy and Carbon Capture System

Demonstrates CPU's commitment to waste-to-energy innovation and renewable energy research.

Research Contributions:

Number of Papers: 2

Research Topics:

- Renewable energy generation from waste resources
- Nanomaterial-based energy conversion efficiency studies

SDG 8 – Decent Work and Economic Growth**Initiatives and Achievements:**

Industry Collaborations: Formal MoUs with leading organizations including REVE Automation LLP, Mibiz Cyber Forensics, and ICAR – Indian Institute of Soil and Water Conservation to foster research, training, and innovation in emerging industries.

Entrepreneurial Development: Active promotion of entrepreneurial initiatives and industry-linked skill programs for employability enhancement and start-up creation.

Inclusive Growth: Equal opportunity and inclusive recruitment policies ensure diversity, fair representation, and gender equality within institutional systems.

Intellectual Property and Innovation:

Number of Patents: 4

Representative Innovations:

- Application of Linear Programming in Small Industrial Setups for Production Optimization
- System and Method for Implementing Total Quality Management in MSMEs
- A Unified Model for Evaluating Initial Public Offerings (IPOs)
- A Mathematical Model to Maximize Profit in Furniture Manufacturing

Research Contributions:

Number of Papers: 3

Research Topics:

- Total quality management frameworks for MSMEs
- Economic modeling for industrial productivity and growth
- Financial system and IPO evaluation mechanisms

CPU's initiatives under SDG 8 foster entrepreneurship, innovation, and sustainable industrial growth, empowering students and local industries through job creation, skill enhancement, and economic inclusivity.

SDG 9 – Industry, Innovation and Infrastructure

Institutional Strengths and Collaborations:

Strategic partnerships with REVE Automation LLP, Mibiz Cyber Forensics, Data Flair Web Services (Indore), EUSAI (Pune), and Aim India Pvt. Ltd.

Joint initiatives on AI development, forensic technology, and automation strengthen industry-academia linkages and applied training ecosystems.

Intellectual Property and Technological Innovation:

Number of Patents: 3

Representative Innovations:

- Proffered Model for Automated Software Testing Using Machine Learning
- A Unified Model to Detect Fake Images Using Deep Learning
- Resonant Rhythms: Decoding Symmetric Vibrations for Structural Stability

Research Contributions:

Number of Papers: 7

Research Topics:

- Machine learning for automated testing systems
- Artificial intelligence applications in Industry 4.0
- Structural optimization and computational design innovation

Through advanced research in AI, automation, and computational design, CPU reinforces SDG 9 by nurturing innovation ecosystems, supporting digital transformation, and building resilient industrial infrastructure that drives sustainable growth.

SDG 10 – Reduced Inequalities

Key Initiatives for Inclusion and Equity:

Inclusive Recruitment and Diversity: CPU upholds equitable hiring practices ensuring representation across gender, region, and background.

Skill Development for All: Industry-linked training programs are designed to empower students from diverse socio-economic backgrounds, promoting equal access to employability opportunities.

Collaborative MoUs: Institutional collaborations facilitate inclusive technology transfer, capacity building, and equitable access to innovation networks.

Entrepreneurship for Equality: Research and innovation initiatives promote financial inclusion and MSME empowerment, helping bridge economic disparities.

CPU's inclusive academic and institutional policies directly advance SDG 10 by ensuring fair opportunities, equitable participation, and socio-economic empowerment through education, innovation, and sustainable employment pathways.

SDG 11 – Sustainable Cities and Communities

Campus Sustainability Framework:

Segregation at Source: Labeled bins for organic, paper, and recyclable waste across campus promote cleanliness and efficient waste management.

Composting Facility: Organic waste converted into compost used for landscaping and horticulture.

Awareness Programs: Campaigns encourage student and staff participation in sustainable urban living practices.

Energy-Efficient Infrastructure: Smart buildings, occupancy sensors, and LED lighting reduce overall energy consumption.

CPU's sustainable campus model provides an ecosystem for environmentally responsible community design—promoting livable, resilient, and green spaces.

Collaborative Growth Through Institutional MoUs –

These collaborations emphasize urban development, sports infrastructure, and public health initiatives, contributing to sustainable urban environments and community well-being.

MoU Partners

- Medicon Group, India
- EUSAI, Pune (Urban Sports Infrastructure)

CPU *research papers* extends understanding of SDG 11 – Sustainable Cities and Communities sustainable urbanization, heritage preservation, and community-driven development, contributing to the resilience and inclusivity of urban societies.

Number of Papers: 2

Research Topics:

- Media's role in shaping sustainable tourism in Rajasthan
- Urban social dynamics and community-based sustainability studies

SDG 12 – Responsible Consumption and Production

Key Actions:

Waste Segregation and Recycling: Comprehensive systems for collection and recycling of paper, plastic, glass, and metal.

E-Waste Management: Dedicated collection center ensures safe disposal and recycling of electronic waste.

Waste-to-Energy Partnerships: Exploration of pyrolysis and other technologies for non-recyclable waste.

Ban on Single-Use Plastics: Campus-wide ban with adoption of biodegradable and reusable alternatives.

Sustainable Food Practices: Promotion of millet-based diets, seasonal vegetables, and awareness on sustainable consumption habits.

These actions foster resource efficiency, minimize waste, and build a culture of sustainability through responsible consumption and production patterns.

SDG 13 – Climate Action

Environmental and Climate Initiatives:

Energy Efficiency: Deployment of smart lighting, motion sensors, and renewable energy practices to reduce carbon footprint.

Awareness and Research:

The edited volume Horizons of Humanity: Exploring Society, Environment and Culture explores sustainable living and climate consciousness.

Research initiatives emphasize environmental regulation, climate resilience, and mitigation strategies.

Sustainable Campus Practices: Integration of green landscaping, waste reduction, and water conservation measures to mitigate climate impact.

CPU embeds climate awareness into education, research, and campus operations, reinforcing its role as an environmentally conscious academic institution.

Carbon Reduction Measures:

- Limited vehicle entry and promotion of non-motorized, eco-friendly transportation options.
- Integration of renewable and energy-efficient systems to minimize emissions.

Awareness and Capacity Building:

Climate awareness initiatives encourage community participation in sustainability programs.

Research Contributions:

Number of Papers: 3

Representative Research Topics:

- Climate modeling and environmental adaptation studies
- Impact analysis of pollution and ecological imbalance
- Sustainable waste management approaches

CPU's academic research and institutional actions strengthen SDG 13 by addressing climate change through scientific analysis, sustainable infrastructure, and community engagement for long-term resilience.

SDG 15 – Life on Land

Environmental and Biodiversity Initiatives:

Tree Plantation Drives: Regular plantation of indigenous and drought-tolerant species enhances green cover and biodiversity.

Landscape Management: Maintenance of natural flora to preserve soil quality and ecological balance.

Eco-Friendly Mobility: Pedestrian-friendly pathways and restricted vehicle access promote environmental harmony.

Green Infrastructure: Campus development follows environmentally sensitive design to support terrestrial ecosystems.

CPU's commitment to biodiversity conservation, eco-sensitive landscaping, and habitat preservation aligns directly with SDG 15, ensuring sustainable management of terrestrial ecosystems and promoting harmony between education and environment.

CPU intellectual contribution through **patents** supports sustainable ecosystem management using AI-based biodiversity monitoring tools, reinforcing conservation efforts

Number of Patents: 1

Representative Innovation:

- Role of Artificial Intelligence in Biodiversity Conservation

CPU *research works* advance ecological conservation, habitat sustainability, and biodiversity protection, aligning CPU's research ecosystem with SDG 15.

Number of Papers: 6

Research Topics:

- Population structure and dynamics of greater flamingo populations
- Biodiversity conservation and ecosystem management
- Genetic studies on plant and animal sustainability

SDG 16: Peace, Justice, and Strong Institutions

CPU ensures transparency, accountability, and inclusiveness through well-structured governance and grievance mechanisms.

Key Achievements:

- Establishment of Internal Complaints Committee, Vigilance and Discipline Committee, and Anti-Ragging Committee.
- Regular awareness campaigns promoting ethical conduct, human rights, and conflict resolution.
- Institutional governance ensures participatory decision-making, transparency, and institutional integrity.
- CPU's framework reflects SDG 16's vision of peaceful and just societies built on strong institutions.
- The book E-Government and Digital Transformation provides critical insights into governance, transparency, and institutional integrity—supporting policy-level understanding and digital literacy in alignment with SDG 16.

CPU intellectual contribution through **patents** facilitates transparent and data-informed governance systems, promoting institutional efficiency, ethical decision-making, and policy coherence.

Number of Patents: 1

Representative Innovation:

- Smart Decision-Making Framework Using AI for Policy Evaluation

SDG 17: Partnerships for the Goals

Career Point University recognizes that sustainable progress requires collaboration. The University builds dynamic partnerships with government agencies, research organizations, industries, and NGOs to drive sustainable innovation and policy development.

Key Achievements:

Collaborations with ICAR for soil and water conservation (SDG 15, 13).

- Partnership with The India Millet Initiative (Government of India) for climate-resilient agriculture (SDG 2).
- Engagement with REVE Automation LLP and Mibiz Cyber Forensics for technology-driven innovation (SDG 9).

Active involvement in regional SDG policy frameworks, NEP 2020 initiatives, and health and wellness programs with district authorities (SDG 3).

These partnerships advance knowledge sharing, research, and sustainable development capacity, reinforcing CPU's leadership under SDG 17.

Collaborative Growth Through **Institutional MoUs** –

These collaborations exemplify the University's commitment to global collaboration and knowledge exchange. They support cross-sectoral partnerships that enhance research, innovation, and policy dialogue.

MoU Partners:

- Auratus Educational Consulting LLP
- FinX CFX Pvt. Ltd.

Collaboration among students, hostel wardens, mess contractors, and administration through the Mess Committee demonstrates participatory governance and partnership in achieving sustainability goals.

Career Point University's institutional activities illustrate a holistic and integrated approach to sustainability education. The University's greatest strengths lie in health promotion (SDG 3), quality education (SDG 4), and sustainable community engagement (SDG 11), complemented by initiatives in gender equity, environmental protection, and collaborative partnerships. Together, these initiatives exemplify CPU's institutional ethos — translating academic excellence into tangible social, economic, and environmental progress consistent with the UN 2030 Agenda for Sustainable Development.

Institutional Activities and SDG Alignment

SDG 3 – Good Health and Well-Being

Number of Activities: 23

Key Focus Areas:

- Health check-up and blood donation camps
- Yoga, fitness, and wellness sessions
- Drug awareness and mental health workshops
- National Nutrition Week and Breastfeeding Awareness campaigns

Contribution towards SDG:

These programs foster community health literacy, preventive care, and student involvement in social responsibility, aligning with national health missions and SDG 3's vision of inclusive well-being.

SDG 4 – Quality Education

Number of Activities: 19

Key Focus Areas:

- Seminars on innovative teaching and skill development
- Career counseling, student mentorship, and literacy drives
- Capacity-building for teachers and digital learning initiatives

Contribution towards SDG:

These initiatives strengthen equitable access to education, promote lifelong learning, and enhance the pedagogical environment through experiential and inclusive education.

SDG 11 – Sustainable Cities and Communities

Number of Activities: 14

Key Focus Areas:

- Community cleanliness drives under Swachh Bharat Abhiyan

- Campus greening and waste segregation projects
- Urban heritage preservation and disaster management sessions

Contribution towards SDG:

The University actively fosters civic consciousness and sustainable campus living, shaping environmentally responsible citizens and resilient communities under SDG 11.

SDG 16 – Peace, Justice and Strong Institutions

Number of Activities: 12

Key Focus Areas:

- Legal awareness camps, mock parliaments, and human rights sessions
- Anti-ragging, gender sensitization, and ethical leadership workshops
- Institutional integrity and grievance redressal training

Contribution towards SDG:

CPU's legal and civic initiatives strengthen democratic values, social justice, and institutional ethics, ensuring transparent and inclusive governance in line with SDG 16.

SDG 2 – Zero Hunger

Number of Activities: 8

Key Focus Areas:

- Food distribution programs for underprivileged communities
- Nutritional awareness drives in rural schools
- Sustainable agriculture demonstrations and crop awareness camps

Contribution towards SDG:

These activities promote food security, sustainable nutrition, and rural livelihood education—advancing India's commitment to SDG 2.

SDG 13 – Climate Action

Number of Activities: 7

Key Focus Areas:

- Tree plantation and biodiversity awareness
- Environmental protection and climate adaptation campaigns
- Expert talks on carbon footprint reduction and climate resilience

Contribution towards SDG:

Through research-backed environmental education and awareness drives, CPU cultivates eco-consciousness and collective climate responsibility among its stakeholders.

SDG 15 – Life on Land

Number of Activities: 2

Key Focus Areas:

- Wildlife conservation awareness
- Tree plantation and soil enrichment drives

Contribution towards SDG:

These activities enhance biodiversity conservation and ecosystem restoration, reinforcing CPU's environmental stewardship in line with SDG 15.

SDG 12 – Responsible Consumption and Production

Number of Activities: 2

Key Focus Areas:

- Waste segregation and recycling awareness
- Plastic-free campus and circular economy campaigns

Contribution towards SDG:

These initiatives demonstrate sustainable consumption practices and instill waste management ethics across the University community.

SDG 5 – Gender Equality

Number of Activities: 4

Key Focus Areas:

- Gender sensitization workshops
- Women empowerment drives and health awareness camps
- Observance of International Women's Day

Contribution towards SDG:

By mainstreaming gender inclusivity in campus culture and outreach, CPU advances the empowerment of women in education and leadership.

SDG 17 – Partnerships for the Goals

Number of Activities: 4

Key Focus Areas:

- Collaboration with NGOs, industries, and government departments
- Regional policy dialogues and extension projects
- SDG awareness events and inter-institutional collaborations

Contribution towards SDG:

Through partnerships, CPU strengthens multi-stakeholder engagement and knowledge exchange, amplifying sustainable impact across sectors.

SDG 6 – Clean Water and Sanitation**Number of Activities: 3****Key Focus Areas:**

- Water conservation workshops
- Rainwater harvesting awareness
- Clean campus and hygiene campaigns

Contribution towards SDG:

These programs emphasize water security, hygiene education, and the importance of sustainable resource management.

SDG 10 – Reduced Inequalities**Number of Activities: 1****Key Focus Area:**

- Inclusive education and empowerment sessions for marginalized groups

Contribution towards SDG:

By promoting equal access and equity-focused programs, CPU reaffirms its role in creating inclusive social environments aligned with SDG 10.

Faculty Book Chapters and SDG Alignment

With **983 faculty-authored book chapters** published in reputed national and international volumes, Career Point University demonstrates a strong academic commitment to the UN 2030 Agenda. The major intellectual contributions occur under SDG 3 (Health and Well-Being) and SDG 4 (Quality Education), highlighting the University's leadership in health sciences and educational advancement. Each chapter reflects the University's academic engagement and interdisciplinary research aligned with the United Nations Sustainable Development Goals (SDGs).

The chapters collectively advance knowledge creation, policy dialogue, and sustainable innovation, reinforcing the institution's academic commitment to global well-being. Moreover, its broad engagement across all 17 SDGs showcases the institution's holistic approach to sustainability through knowledge creation, research dissemination, and policy-oriented scholarship.

SDG 3 – Good Health and Well-Being

Number of Chapters: 218

Intellectual Contribution:

Research contributions span pharmaceutical sciences, biotechnology, physiotherapy, and community health. Faculty publications include advances in drug discovery, healthcare delivery, preventive medicine, and nutrition science. These works strengthen scientific understanding of wellness and contribute to building healthier societies aligned with SDG 3.

SDG 4 – Quality Education

Number of Chapters: 137

Intellectual Contribution:

These chapters address educational innovation, pedagogy, inclusive learning, and digital transformation. They promote best practices in higher education, curriculum design, and skill-based training, reflecting CPU's strong leadership in advancing SDG 4.

SDG 2 – Zero Hunger

Number of Chapters: 90

Intellectual Contribution:

Focused on agricultural science, food technology, and sustainable nutrition, these chapters explore methods to improve crop yield, reduce post-harvest losses, and ensure food security. They contribute to sustainable agricultural practices that empower rural communities and support SDG 2.

SDG 16 – Peace, Justice and Strong Institutions

Number of Chapters: 87

Intellectual Contribution:

Faculty publications emphasize governance, human rights, legal awareness, and institutional ethics. These chapters contribute to policy reforms, civic education, and the strengthening of justice systems—furthering the principles of SDG 16.

SDG 12 – Responsible Consumption and Production

Number of Chapters: 54

Intellectual Contribution:

Research in environmental science, waste management, and green technology focuses on sustainable production models, circular economy, and eco-friendly industrial practices. These works guide businesses and policymakers toward responsible consumption—aligning with SDG 12.

SDG 15 – Life on Land

Number of Chapters: 43

Intellectual Contribution:

These publications encompass biodiversity conservation, afforestation, soil management, and sustainable ecosystem restoration. The University's contributions promote ecological balance and long-term sustainability in terrestrial environments under SDG 15.

SDG 13 – Climate Action

Number of Chapters: 19

Intellectual Contribution:

Faculty research in this domain examines climate resilience, renewable energy adaptation, and greenhouse gas mitigation. The works enhance scientific discourse on climate policy and community-level adaptation strategies, supporting SDG 13.

SDG 5 – Gender Equality

Number of Chapters: 19

Intellectual Contribution:

These publications highlight women's empowerment, gender sensitivity, and inclusive participation in education and employment. Through socio-economic research, CPU faculty promote equity and gender-responsive policymaking consistent with SDG 5.

SDG 10 – Reduced Inequalities

Number of Chapters: 17

Intellectual Contribution:

These chapters examine income inequality, social justice, and rural empowerment. They propose inclusive frameworks for equitable access to education, employment, and healthcare—contributing directly to SDG 10.

SDG 14 – Life Below Water

Number of Chapters: 15

Intellectual Contribution:

Focused on marine biodiversity, pollution control, and sustainable aquatic resource management, these works contribute to protecting life below water and ensuring sustainable use of oceanic ecosystems under SDG 14.

SDG 11 – Sustainable Cities and Communities

Number of Chapters: 11

Intellectual Contribution:

Publications in this domain promote sustainable infrastructure, green architecture, and urban planning. Faculty contributions address challenges of rapid urbanization, advocating inclusive and environmentally conscious community development.

SDG 1 – No Poverty

Number of Chapters: 2

Intellectual Contribution:

These chapters explore poverty alleviation strategies, micro-financing, and rural livelihood models. They strengthen the knowledge base for eradicating poverty and fostering social inclusion consistent with SDG 1.

SDG 17 – Partnerships for the Goals

Number of Chapters: 5

Intellectual Contribution:

These works highlight collaborative frameworks between academia, government, and industry for knowledge sharing and policy innovation. They promote global partnerships and resource mobilization in alignment with SDG 17.

Curricular Alignment with the UN Sustainable Development Goals

Career Point University's curriculum is strategically aligned with the United Nations Sustainable Development Goals (SDGs) through **971 undergraduate and postgraduate courses** across disciplines. Each course integrates sustainability, ethics, and societal development perspectives to nurture globally competent graduates equipped to address real-world challenges.

SDG 4 – Quality Education

Number of Courses: 525

Intellectual Contribution:

CPU's strongest curricular alignment lies with SDG 4, focusing on educational innovation, inclusive learning, digital pedagogy, and skill-oriented programs. These courses span education, sciences, humanities, and professional studies—building a foundation for lifelong learning, critical thinking, and sustainable development.

SDG 3 – Good Health and Well-Being

Number of Courses: 126

Intellectual Contribution:

Courses in pharmacy, physiotherapy, biotechnology, and public health emphasize health promotion, clinical excellence, and preventive care. They strengthen the health sector through evidence-based education and research aligned with SDG 3.

SDG 16 – Peace, Justice and Strong Institutions

Number of Courses: 83

Intellectual Contribution:

Programs in law, political science, and governance promote institutional integrity, ethics, and justice. They encourage civic participation, policy awareness, and leadership development, ensuring robust institutional capacity consistent with SDG 16.

SDG 2 – Zero Hunger

Number of Courses: 45

Intellectual Contribution:

Agricultural science and food technology courses integrate sustainable farming practices, soil management, and food security studies. These offerings promote innovation in agri-business and contribute to ending hunger and malnutrition under SDG 2.

SDG 8 – Decent Work and Economic Growth

Number of Courses: 38

Intellectual Contribution:

Courses in management, commerce, and economics focus on entrepreneurship, financial literacy, and sustainable business practices, fostering employability and innovation-driven economic growth in alignment with SDG 8.

SDG 13 – Climate Action

Number of Courses: 33

Intellectual Contribution:

Environmental sciences, civil engineering, and sustainability studies address climate resilience, renewable energy, and disaster management. These programs strengthen environmental literacy and equip students to mitigate climate risks under SDG 13.

SDG 1 – No Poverty

Number of Courses: 16

Intellectual Contribution:

Programs in social work, economics, and rural development focus on poverty reduction strategies, livelihood creation, and community development, addressing economic disparity and advancing SDG 1.

SDG 10 – Reduced Inequalities

Number of Courses: 3

Intellectual Contribution:

These courses integrate social inclusion, diversity management, and policy frameworks to combat inequality and promote equal opportunity across all social strata.

SDG 6 – Clean Water and Sanitation

Number of Courses: 3

Intellectual Contribution:

Courses in civil and environmental engineering highlight water resource management, sanitation technologies, and sustainable water systems, supporting SDG 6.

SDG 15 – Life on Land

Number of Courses: 2

Intellectual Contribution:

Environmental and life science programs contribute to biodiversity conservation, soil health improvement, and sustainable land use practices—directly aligned with SDG 15.

SDG 11 – Sustainable Cities and Communities

Number of Courses: 2

Intellectual Contribution:

Urban planning and architecture-oriented programs explore sustainable infrastructure, smart city models, and community resilience, promoting sustainable living environments.

SDG 7 – Affordable and Clean Energy

Number of Courses: 2

Intellectual Contribution:

Courses in renewable energy systems and sustainable technology foster innovation in clean energy generation and efficient energy use.

SDG 5 – Gender Equality

Number of Courses: 1

Intellectual Contribution:

Gender studies and human rights education enhance awareness and inclusion, promoting equality and empowerment for all genders under SDG 5.

CPU Start-ups and their Contribution to the UN SDG

Career Point University fosters innovation-driven entrepreneurship through student, faculty, and alumni-led start-ups that tackle real-world challenges in technology, agriculture, healthcare, and social enterprise.

Each start-up embodies the principles of the UN Sustainable Development Goals (SDGs), translating ideas into impact-oriented ventures that advance sustainability, digital inclusion, and community well-being.



<https://cpur.in/blog/cpu-kota-innovation-entrepreneurship-outreach-program/>

SDG 3 – Good Health and Well-Being

Start-ups:

- Swasthamsutra (Faculty-led) – Manufactures Ghani oil-based cold-pressed edible oils promoting organic wellness and nutritional health.
- ByteRight (Student-led) – Develops a nutrition grading system for packaged foods, promoting consumer health literacy.
- ASH-UP (Student-led) – Produces natural, preservative-free energy drinks that promote healthy consumption.
- Rajwadi Snacks (Student-led) – Focused on nutritious food production with emphasis on hygiene, safety, and sustainability in food processing.

Intellectual Contribution:

These ventures directly advance SDG 3 by integrating nutrition, preventive health, and organic product innovation into market-ready solutions. They also foster health awareness and sustainable food practices in the community.

SDG 8 – Decent Work and Economic Growth

Start-ups:

- Ekta's Creation & Handicraft (Student-led) – Promotes traditional handicrafts through digital retail platforms, empowering artisans and women entrepreneurs.
- The MV Store (Alumni-led) – Focuses on sustainable jewelry and accessories, integrating ethical design and employment generation.
- Classic Automotive (Alumni-led) – Provides automobile services while generating skilled employment opportunities.
- World Car Accessories (Student-led) – Engages in vehicle customization and value-added services driving youth employment and innovation.

Intellectual Contribution:

These start-ups promote entrepreneurship, local employment, and MSME growth—core tenets of SDG 8—while enhancing industrial innovation and value creation within regional economies.

SDG 9 – Industry, Innovation and Infrastructure

Start-ups:

- Device Doctor Software Services (Alumni-led) – Provides premium web and digital solutions to support small and medium enterprises in digital transformation.
- Kelly Solutions (Alumni-led) – Develops custom IT automation systems improving business productivity.
- Battle Technology (Student-led) – Focused on cybersecurity solutions protecting digital assets and strengthening technological resilience.

Intellectual Contribution:

Through software innovation, digital security, and IT automation, these ventures embody the spirit of SDG 9, fostering innovation, sustainable industrial growth, and resilient digital infrastructure.

SDG 2 – Zero Hunger

Start-ups:

- Agro Research Centre (Other association) – Engaged in mushroom cultivation and organic farming, contributing to sustainable agriculture, rural livelihood, and food security.

Intellectual Contribution:

This start-up directly aligns with SDG 2, promoting sustainable agriculture and contributing to local nutritional security through eco-friendly food production models.

Conclusion

Career Point University, Kota, through its multifaceted initiatives and strategic collaborations, has successfully embedded the principles of sustainable development within its institutional fabric. From waste management and renewable energy adoption to gender equity, community health, and educational outreach, the University demonstrates a holistic commitment to sustainability.

Its endeavors exemplify the symbiotic relationship between education, research, and social responsibility—empowering students and communities alike to become agents of sustainable change. Aligning with India's national development priorities and the UN's 2030 Agenda, CPU continues to set benchmarks for higher education institutions aspiring to contribute meaningfully to the Sustainable Development Goals and to a greener, more equitable future for all.



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