



CAREER POINT
UNIVERSITY



17 PARTNERSHIPS
FOR THE GOALS



PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation
& revitalize the global partnership for
sustainable development



SDG 17- Partnerships for the Goals

Sustainable Development Goal 17 (SDG 17) focuses on strengthening the means of implementation and revitalizing the global partnership for sustainable development. It aims to enhance the support provided to developing countries, ensuring they have the financial resources, technological expertise, and capacity-building tools needed to achieve the broader goals of the 2030 Agenda for Sustainable Development. SDG 17 emphasizes the importance of collaboration among governments, the private sector, civil society, and other stakeholders, fostering partnerships that can address global challenges such as poverty, inequality, and climate change. It also highlights the need for policy coherence, resource mobilization, data sharing, and inclusive partnerships to drive long-term and equitable development for all nations.

Career Point University has been actively involved in contributing to national and regional SDG policy development through collaborations with government bodies and NGOs.

Career Point University actively engages with regional and national organizations for SDG policy support through formal MoUs promoting research, innovation, and sustainable development. In collaboration with ICAR–Indian Institute of Soil and Water Conservation, Kota, the University contributed to regional strategies on soil and water resource management, supporting SDG 15 and 13. Partnerships with The India Millet Initiative (Govt. of India) advanced national goals on climate-resilient agriculture under SDG 2, while collaborations with REVE Automation LLP and Mibiz Cyber Forensics strengthened local innovation capacity under SDG 9. These alliances facilitate evidence-based policymaking, adaptive management, and technical training for sustainable regional growth—aligning with SDG 17’s objective of fostering effective multi-stakeholder partnerships.

Faculty members participated in identifying regional challenges in educational outreach, fostering innovation strategies, and organizing workshops aligned with the National Education Policy 2020.

Additionally, the University collaborated with local NGOs and the district health department to conduct Health and Wellness campaigns (SDG 3), promoting evidence-based interventions and adaptive management approaches.

The following key collaborations exemplify CPU’s contribution under SDG 17.2.

17.2 Relationships to support the goals

17.2.1 Relationships with regional NGOs and government for SDG policy

17.2.2 Cross Sectoral Dialogue about SDGs

Career Point University (CPU) actively promotes cross-sectoral dialogue through sustained engagement with industries and research organizations, fostering collaboration that bridges academia and practice. These partnerships serve as vital mechanisms for knowledge transfer, skill enhancement, and innovation-driven policy contributions that directly support SDG 17 – Partnerships for the Goals.

Through these strategic partnerships, Career Point University has become a hub for industry–academia dialogue that advances sustainable innovation and local policy action. These collaborations foster an ecosystem of shared learning, co-created research, and practical implementation, directly contributing to SDG 17’s target of enhancing multi-stakeholder collaboration for achieving the Sustainable Development Goals.

1. Collaboration with ICAR – Indian Institute of Soil and Water Conservation, Research Centre, Kota (Rajasthan)

Linked SDG: SDG 15 (Life on Land) & SDG 13 (Climate Action)

Nature of Collaboration: Research and Capacity Building

Career Point University has strengthened its commitment to **Sustainable Development Goal 17 (Partnerships for the Goals)** through a collaborative Memorandum of Understanding (MoU) with the **ICAR–Indian Institute of Soil and Water Conservation, Research Centre, Kota (Rajasthan)**. This partnership aims to promote joint research, training, and knowledge exchange in the fields of soil and water conservation, sustainable agriculture, and environmental management. The collaboration seeks to enhance research capabilities, develop innovative solutions for resource conservation, and build technical competencies among students and faculty. By fostering mutual cooperation and sharing of expertise, the University and ICAR contribute to strengthening institutional partnerships and promoting sustainable practices that align with national and global sustainability objectives.

2. Collaboration with The India Millet Initiative, Noida & Sorghum United, USA

Linked SDG: SDG 2 (Zero Hunger)

Nature of Collaboration: Research and Awareness Programs

Through this collaboration, CPU advances the national mission on millets, supporting the Government of India’s initiative to promote climate-resilient crops. Joint activities include farmer training, nutritional awareness campaigns, and research on millet-based food systems. The partnership contributes to **food security and sustainable agriculture**, in line with **India’s G20 Millet Campaign** and SDG 17’s emphasis on cross-sector cooperation.

3. Partnership with REVE Automation LLP, India

Linked SDG: SDG 9 (Industry, Innovation, and Infrastructure)

Nature of Collaboration: Industry-Academia Interface

This MoU strengthens CPU’s innovation ecosystem by fostering industrial collaboration for research and skill enhancement. It facilitates student internships, industrial projects, and technology exchange, promoting local entrepreneurship and digital innovation. The initiative aligns with SDG 17 by integrating **academic research with industrial advancement** for sustainable regional growth.

4. Collaboration with Mibiz Cyber Forensics, Kerala

Linked SDG: SDG 9 (Industry, Innovation, and Infrastructure)

Nature of Collaboration: Technology Development and Skill Enhancement

This collaboration enables joint research and training in cybersecurity, digital forensics, and ethical hacking. It helps develop regional technological expertise, supporting national cybersecurity frameworks and digital policy initiatives. By engaging with a specialized technology firm, CPU contributes to **knowledge transfer and capacity building**, in line with SDG 17's focus on technology partnerships.

5. Partnership with Mendel University, Brno

Linked SDG: SDG 4 (Quality Education)

Nature of Collaboration: Academic Exchange and Internationalization

CPU's partnership with Mendel University fosters international research collaborations, faculty exchanges, and cross-border learning programs. This international partnership enhances **academic mobility, research exchange, and curriculum development** under **SDG 4 (Quality Education)**. Joint academic programs and faculty collaborations promote cross-cultural understanding and global academic standards, enriching regional higher education policies and institutional quality frameworks.

6. Collaboration with Medicon Group India

Linked SDG: SDG 11 (Sustainable Cities and Communities)

Nature of Collaboration: Research, Innovation, and Public Health Awareness

CPU's engagement with **Medicon Group India** promotes **sustainable cities and communities (SDG 11)** through initiatives focusing on environmental health, public wellness, and community resilience. These efforts contribute to local policy awareness and community-driven approaches to sustainability. This collaboration supports sustainable urban development and healthcare initiatives. Joint workshops and community outreach programs focus on environmental health, waste management, and wellness, aligning with SDG 11 by promoting sustainable community practices through education and research.

Through its multi-sectoral collaborations, **Career Point University** demonstrates a strong commitment to regional engagement and meaningful contributions to **SDG policy dialogue, implementation, and monitoring**. By partnering with government institutions, research organizations, and NGOs, the University actively promotes **knowledge sharing, research translation, and the co-creation of sustainable solutions**. These alliances strengthen academic and research excellence while translating innovation into **community-driven outcomes** that address real-world challenges. Collectively, such partnerships exemplify the University's dedication to advancing regional and national SDG priorities, reinforcing **SDG 17's core objective**—to build effective, accountable, and inclusive partnerships for sustainable development.

Table 1 - Count of Industry/NGO/Academic Institute				
Type of MoU	Government	Private	Semi Government	Grand Total
Academic Industry			1	1
Academic Institute	7	9	2	18
Industry		19		19
NGO		2		2
Grand Total	7	30	3	40

Table 2 - Count of Industry/NGO/Academic Institute					
SDG Goal	Academic Industry	Academic Institute	Industry	NGO	Grand Total
SDG 02: Zero Hunger		1	1		2
SDG 03 Good Health and Well-being			1		1
SDG 03: Good Health and Well-being		1			1
SDG 04: Quality Education		2			2
SDG 04: Quality Education		1			1
SDG 04: Quality Education		1	1		2
SDG 04: Quality Education		1			1
SDG 08 – Decent Work and Economic Growth			1		1
SDG 08: Decent Work and Economic Growth			1		1
SDG 09: Industry, Innovation and Infrastructure			1		1
SDG 09: Industry, Innovation, and Infrastructure			1		1
SDG 12: Responsible Consumption and Production			1		1
SDG 13: Climate Action		1			1
SDG 15 – Life on Land	1				1
SDG 16: Peace, Justice and Strong Institutions			1		1
SDG 16: Peace, Justice, and Strong Institutions		1			1
SDG 17: Partnerships for the Goals		2			2
SDG Goal 09: Industry, Innovation, and Infrastructure			1		1
Others		7	9	2	18
Grand Total	1	18	19	2	40

Activities alignment with SDG 17

Under the framework of **SDG 02 – Zero Hunger** and in alignment with **SDG 17 – Partnerships for the Goals**, various collaborative and community-oriented activities were organized to strengthen linkages between farmers, scientists, and institutions. These included a “**किसान गोष्ठी**” (**Farmer Discussion**) on **Fasal Chakra evam Uska Mahatva** (Crop Rotation and Its Importance), a Radio Talk **Chaupal on “Rabi Faslun Mein Poshak Tatvon Ki Kami ke Lakshan evam Unka Prabandhan”** broadcasted on All India Radio (102.0 MHz), and a “**Kisan Sangoshthi evam Krishak-Vaigyanik Samvad**” (Farmers’ Seminar and Scientist Interaction Session) aimed at disseminating scientific knowledge and best agronomic practices. Additionally, an educational visit for B.Sc. (Hons.) Agriculture V Semester students was conducted to the Food Corporation of India, Kota, and the Dev Narayan Yojna Project, Dharmapura, Kota (Rajasthan) to provide practical exposure to food security mechanisms and government initiatives. These initiatives reflect effective collaboration among academia, research institutions, government agencies, and the farming community—contributing towards sustainable agriculture, food security, and capacity building under SDG 17.

In continuation of initiatives under **SDG 03 – Good Health and Well-being**, and with a focus on promoting collaborative partnerships in alignment with **SDG 17 – Partnerships for the Goals**, **Career Point University, Kota** organized a series of impactful academic, cultural, and health-oriented events fostering community engagement, awareness, and student participation. The **Department of Physiotherapy** and **NSS Club** jointly organized a *Cancer Awareness Program* on the occasion of **World Cancer Day (5th February 2024)** with keynote speaker **Dr. Harsh Goyal (MBBS, MD, Oncology)** to sensitize students about cancer prevention and early detection. To promote physical fitness and team spirit, the **Sports Club** hosted “**Khelotsav**” and various **Inter-House Sports Competitions**, creating a vibrant sporting culture on campus. Health-centric initiatives such as the **Blood Donation Camps** (organized by NSS and NCC), the **World Physiotherapy Day** celebration, and the **Workplace Ergonomic Program for Postural Awareness** highlighted the University’s commitment to health education and community service. Cultural and wellness events including “**Vocal Vibes – A Musical Extravaganza**,” “**Unlock Your Sur**,” “**Fun Games for Newcomers**,” and “**Rhythm**” promoted emotional well-being and holistic development among students. In addition, awareness programs like “**Society and Well-being – Sociological Survey**,” “**New Horizons in Community Pharmacy**,” “**World Pharmacist Day**,” and “**Pharmacy Entrepreneurship: Keys to Opening a Successful Pharmacy Retail Business in Healthcare**” strengthened academic-industry partnerships and public health understanding. Collectively, these activities demonstrate the University’s integrated approach to advancing health, wellness, and sustainable partnerships in line with the objectives of **SDG 17 – Partnerships for the Goals**.

Blood Donation Camp in collaboration of Kota Blood Bank Society

On Army Day 14 Raj NCC BN organized a blood donation camp with the support of “Kota Blood Bank society” With the aim to collect blood donations, raise awareness about the significance of donating blood. University NCC cadets not only contribute to saving lives but also learn the value of altruism and social responsibility.



कोटा न्यूज नेटवर्क

कोटा

बुधवार 28 मार्च 2024

सीपीयू में रक्तदान व निशुल्क स्वास्थ्य जांच परामर्श शिविर का आयोजन

करियर पॉइंट यूनिवर्सिटी के फिजियोथैरेपी विभाग व NSS क्लब द्वारा रक्तदान एवं निशुल्क स्वास्थ्य जांच परामर्श शिविर का आयोजन किया गया। सीपीयू के फिजियोथैरेपी विभागाध्यक्ष डॉ पुष्पेन्द्र यदुवंशी ने बताया की शिविर में रामदुलारी जिंदल हेल्थ केंयर सोसाइटी की टीम का विशेष सहयोग रहा। इस अवसर पर करियर पॉइंट यूनिवर्सिटी के वाइस चांसलर डॉ सुमेर सिंह, विशेष

अतिथि के रूप में उपस्थित रहे साथ ही रामदुलारी जिंदल हेल्थ केंयर सोसाइटी की टीम से डॉ ओंकार सिंह, डॉ दीपक मित्तल, डॉ शोफाली, और डॉ बृजेश उपस्थित रहे। रक्तदान शिविर में यूनिवर्सिटी की टीम के साथ-साथ छात्रों-छात्राओं ने भी बढ़ चढ़ कर हिस्सा लिया। रक्तदान शिविर में 52 यूनिट रक्तदान किया गया। यूनिवर्सिटी के वाइस चांसलर डॉ सुमेर सिंह ने लोगों को

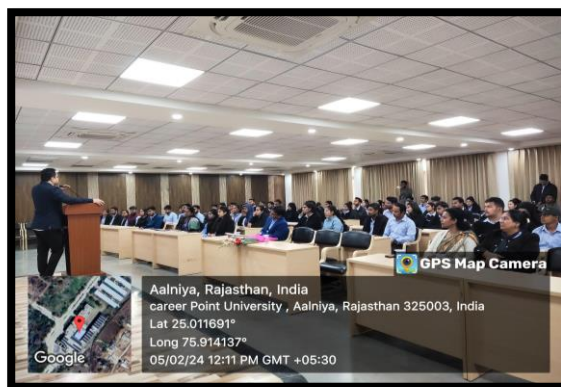
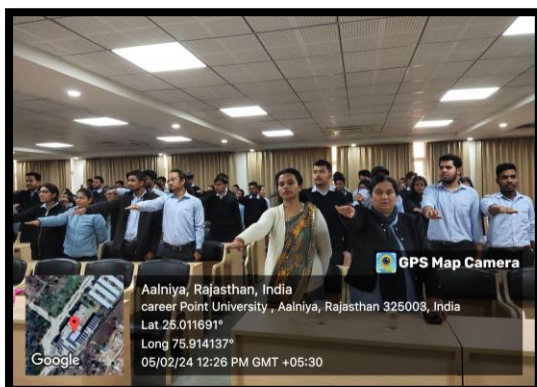
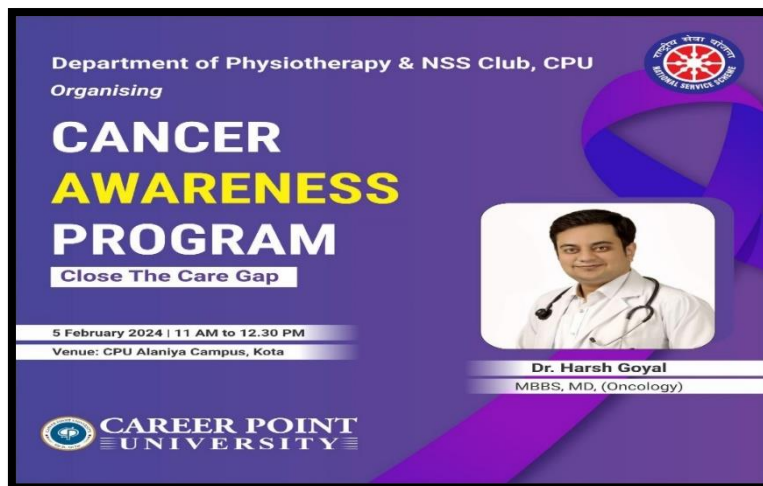
रक्तदान करने के फायदे बताये व लोगों को रक्तदान करने हेतु प्रेरित किया। रक्तदान शिविर के साथ स्वास्थ्य जांच परामर्श शिविर का भी आयोजन हुआ जिसमें आस पास के ग्रामीण लोगों ने अपने स्वास्थ्य का निशुल्क जांच करवाया व डॉक्टर की टीम ने स्वास्थ्य सम्बन्धी उपाय बताये। कार्यक्रम के समापन पर पुष्पेन्द्र यदुवंशी ने सभी रक्तदाताओं, डॉक्टरों की टीम और स्टाफ को धन्यवाद ज्ञापित किया।



Cancer Awareness Program

A **cancer awareness program** was organized to highlight the rising global burden of cancer, which causes nearly 10 million deaths annually, despite one-third of cases being preventable. The event began with an inaugural and lamp-lighting ceremony graced by **Dr. Harsh Goyal** and faculty members. In his keynote address, Dr. Goyal emphasized the need to **bridge the care gap in cancer management**.

Subsequent sessions focused on **raising awareness** about cancer types, prevalence, and impact, and the **role of physiotherapy** in improving patients' quality of life. The **NSS Club** facilitated discussions on **empathy and emotional support** for cancer patients. The program also featured **interactive workshops, awareness drives, and campaigns** promoting **cancer prevention, early detection, and available support services**.



Society and Well- being: Understanding Medical Issues through a Sociological Lens in Kasar and Alaniya Villages

This survey focused on understanding the unique healthcare challenges faced by the rural populations of Kasar and Alaniya. It involved:

- **Data Collection:** Researchers will likely use questionnaires or interviews to gather information directly from community members about their experiences.
- **Focus Areas:** The survey explored issues like accessibility of healthcare facilities, availability of doctors and medicine, common health problems, affordability of care, traditional healthcare practices, and barriers to seeking medical help.
- **Outcome:** The goal is to generate a comprehensive picture of the medical landscape in these villages, ultimately aiding in identifying gaps in services and finding targeted solutions to improve healthcare.



In alignment with **SDG 09 – Industry, Innovation, and Infrastructure** and to further strengthen global and institutional partnerships under **SDG 17 – Partnerships for the Goals**, **Career Point University, Kota**, in association with the **SICC, University of Kufa, Iraq**, jointly organized an **International Conference on “Recent Innovations in Engineering, Technology & Science for Sustainable Living (RIETSSL-2024)”**. The conference served as an international platform for knowledge exchange, research collaboration, and promotion of innovative solutions for sustainable development across disciplines including Engineering, Technology, Science, Management, and Law. Additionally, a **two-day Workshop on “A Hands-On RedHat Linux Workshop”** was organized in collaboration with **Red Hat Academy** at Career Point University, Kota. This workshop aimed to enhance technical competencies, promote open-source innovation, and strengthen academia-industry linkages. Both initiatives exemplify the University’s commitment to fostering global partnerships, capacity building, and knowledge sharing, contributing meaningfully to the objectives of **SDG 17 – Partnerships for the Goals**.

Pharmaceutical Entrepreneurship “From Vision to Victory: Building a Thriving Pharma Industry Business”

Department of pharmacy, School of health and allied sciences, CPU organized a 1-day Expert Talk on “Pharmaceutical Entrepreneurship “From Vision to Victory: Building a Thriving Pharma Industry Business” on Monday, 2nd December.2024 at Room no. A-302, CPU, Alaniya, Kota. The resource person for the Expert Talk was Mr. Anil Vyas (Chairman and Managing Director of the Mednext Group of Industries).

Discussed points during session by expert are:

- Entrepreneurial Mindset: Developing critical thinking, risk-taking abilities, and problem-solving techniques for aspiring entrepreneurs.
- Market Research in the Pharmaceutical Sector: How to identify gaps in the market, conduct research.
- Legal and Financial Aspects of Starting a Pharmaceutical Business: Insights into regulatory requirements, funding sourcing.

CAREER POINT UNIVERSITY
Presents
Technovation

Department of Pharmacy,
School of Health & Allied Sciences, CPU
organising

EXPERT TALK
Pharmaceutical Entrepreneurship
From Vision to Victory : Building a
Thriving Pharma Industry Business

Expert- Mr. Anil K. Vyas
(Founder of Mednext Pharma Pvt. Ltd.)

📅 2nd December 2024 ⌚ 11:00 AM Onwards 📍 Auditorium, CPU

Register Here

CAREER POINT UNIVERSITY
INSTITUTION'S INNOVATION COUNCIL
KNOWLEDGE CARES
UNIVERSITY ASSOCIATION
CPU, KOTA

17.2.3 International collaboration data gathering for SDG

Career Point University, Kota has established strategic international collaborations with several reputed global institutions to promote academic excellence, research partnerships, and data-driven contributions toward achieving the **United Nations Sustainable Development Goals (SDGs)**. These collaborations serve as a foundation for cross-border exchange of ideas, methodologies, and best practices that enhance the University's role in global SDG data gathering and analysis. Through joint research initiatives, faculty and student exchange programs, and participation in international conferences, Career Point University fosters global cooperation in areas related to sustainable technology, education, healthcare, and innovation—key pillars of the SDG framework.

The University has signed Memoranda of Understanding (MoUs) with leading institutions such as **Pittsburg State University (Kansas, USA)**, **Indiana Tech University (Indiana, USA)**, **New Mexico State University (New Mexico, USA)**, **INTI International University & Colleges (Malaysia)**, **Bethany College (West Virginia, USA)**, and **Avila University (Missouri, USA)**. These partnerships enable collaborative research, data sharing, and joint academic programs focusing on sustainability, industrial innovation, and global development. For example, with *Pittsburg State University* and *Indiana Tech University*, joint projects in engineering and technology have been initiated to analyze innovations supporting sustainable infrastructure under **SDG 09**, while *New Mexico State University's* expertise in agricultural and environmental sciences contributes valuable data insights to food security and sustainable agriculture aligned with **SDG 02 – Zero Hunger**. Similarly, partnerships with *INTI International University & Colleges, Malaysia*, foster multicultural academic exposure and comparative research in management and technology, enhancing data integration across diverse socio-economic contexts.

These global linkages allow Career Point University to not only access international datasets and case studies but also contribute region-specific findings from India's socio-economic landscape, thereby strengthening the global SDG monitoring ecosystem. The collaborations also promote faculty development, student research mobility, and joint publications, ensuring that the University remains a proactive participant in advancing evidence-based progress toward the SDGs. By actively engaging in data-driven international research networks, Career Point University reaffirms its commitment to **SDG 17 – Partnerships for the Goals**, emphasizing the value of shared knowledge, collaborative innovation, and cross-border partnerships as essential enablers of sustainable global development.

Global Immersion program at Mendel University, Brno

The Global Immersion Program at Mendel University in Brno is designed to provide students with an enriching international academic experience. It includes opportunities for cultural exchange, academic learning, and professional development. Participants engage in interdisciplinary courses across faculties such as Business and Economics, Regional Development, and Horticulture. The program emphasizes interactive learning, site visits to local industries, and exposure to European perspectives on global issues.

Additionally, the program often incorporates elements such as Erasmus+ and bilateral exchange initiatives, enhancing global cooperation and networking opportunities for students. Activities may include workshops, field trips, and exposure to the city of Brno, which is known for its vibrant student life and cultural richness.

Want to Study Abroad??
Expert Talk
on
Global immersion program at Mendel University, Brno

Topics To Be Covered:

- Semester Abroad Program
- Global Immersion at Public University In Brno

16th October 2024 | 01:00 PM Onwards
Seminar Hall, CPU

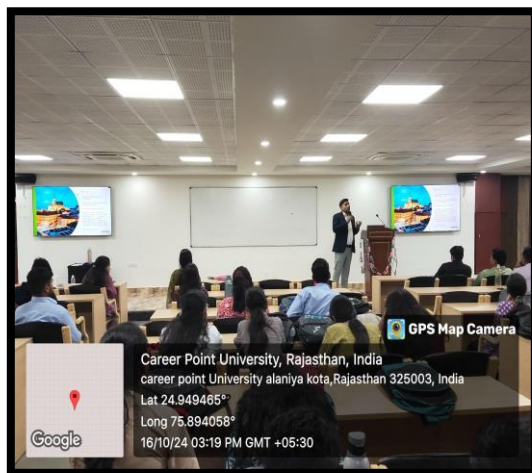
Mr. Pawan Kr. Mishra
Faculty Mendel University
Brno, Czech Republic

Organized by Office of International Affairs, CPU

CAREER POINT UNIVERSITY

Mendel University in Brno

Scan QR Code for Registration



17.2.4 Collaboration for SDG best practice

At **Career Point University, Kota**, collaboration for **Sustainable Development Goals (SDGs)** best practices is an integral part of its institutional vision to promote inclusive growth, innovation, and sustainability through collective action. The University actively engages in partnerships that unite academia, industry, government bodies, and international institutions to share expertise, exchange knowledge, and co-create impactful solutions for global and local challenges. These collaborative efforts encompass academic programs, research projects, capacity-building workshops, community outreach, and technology-driven initiatives that align with multiple SDGs such as **Quality Education (SDG 4)**, **Zero Hunger (SDG 2)**, **Good Health and Well-being (SDG 3)**, and **Industry, Innovation and Infrastructure (SDG 9)**.

Through its strategic partnerships with international universities including **Pittsburg State University, Indiana Tech University, New Mexico State University, INTI International University & Colleges (Malaysia), Bethany College, and Avila University**, Career Point University promotes best practices in sustainability-oriented education and data-based research collaboration. The University also works with industry partners, research organizations, and community stakeholders to translate academic insights into practical innovations that support rural development, healthcare awareness, environmental stewardship, and technological advancement. These joint initiatives reflect the University's commitment to continuous learning and improvement through shared knowledge systems, interdisciplinary collaboration, and global cooperation.

By institutionalizing a framework for knowledge exchange and cross-sector partnerships, **Career Point University** exemplifies SDG best practices through meaningful collaboration and measurable impact. The University's approach to sustainable education, community engagement, and international research networks underscores its dedication to **SDG 17 – Partnerships for the Goals**, demonstrating how collective action and global alliances can drive effective implementation of sustainable development initiatives.

Activities alignment with SDG best practice

In alignment with **SDG 05 – Gender Equality** and to further strengthen collaborative partnerships under **SDG 17 – Partnerships for the Goals**, the **School of Arts & Humanities, Career Point University, Kota** organized a **two-day National Seminar in association with ICSSR** on *“Women's Contribution in Economic, Social & Cultural Development of India”* held on **16th and 17th February 2024**. The seminar brought together academicians, researchers, and policymakers to deliberate on women's multifaceted role in nation-building and to promote inclusive development through research and dialogue. Complementing this initiative, the University also celebrated **International Women's Day 2024** and **Mother's Day**, recognizing women's achievements and fostering awareness about gender equity, empowerment, and respect across generations. Additionally, awareness programs on the **Education of the Girl Child** were conducted to emphasize the importance of education as a tool for empowerment and socio-economic progress. These collective activities reflect the University's commitment to advancing gender equality through academic engagement, community participation, and institutional collaboration. By partnering with organizations such as **ICSSR** and promoting gender-sensitive education and leadership, **Career Point University**

continues to contribute to the global agenda of equality and inclusion—demonstrating an effective model of SDG best practice within the framework of **SDG 17 – Partnerships for the Goals**.

In alignment with **SDG 11 – Sustainable Cities and Communities**, and to promote collaborative engagement under **SDG 17 – Partnerships for the Goals**, **Career Point University, Kota** organized a series of vibrant cultural, academic, and community-based initiatives that celebrated diversity, creativity, and social inclusion. The **Music Club** hosted “*Yade 2024*”, and the **Dance & Dramatic Club** organized “*Folk Fiesta 2024*”, inter-house competitions that encouraged students to express regional and national cultural heritage through music and dance. The **English Debate and Literature Club** presented a stage performance of *Shakespeare’s Romeo and Juliet*, enriching literary appreciation and performing arts on campus. Similarly, the **Fine Arts Club** conducted an *Art Exhibition* that provided students with a creative platform to showcase their artistic perspectives on community life and sustainability. Beyond campus, students of **Geography** and **Sociology** undertook **Geographical and Sociological Surveys** in the villages *Kasar* and *Alaniya* under the **Government’s Unnat Bharat Abhiyan Scheme**, analyzing socio-economic conditions and contributing data to strengthen rural development initiatives. Celebratory and awareness events such as the **Rajasthan Day Celebration**, **Dance and Drama Activity on “Colours of Freedom and Joy”**, **Skit and Kavya Path**, **Classical Bharatnatyam Activity**, **Diwali Celebration**, **Farewell Party 2024**, and **AAGAAZ-24 (Fresher Party)** fostered cultural harmony, inter-house cooperation, and a sense of shared community belonging.

These combined efforts reflect the University’s ongoing commitment to building a culturally vibrant, inclusive, and resilient campus community that mirrors the values of sustainable urban and rural societies. By promoting heritage preservation, social awareness, participatory learning, and artistic collaboration, **Career Point University** continues to strengthen local-to-global partnerships that embody the principles of **SDG 17 – Partnerships for the Goals**, thereby contributing meaningfully to the creation of sustainable, creative, and cohesive communities envisioned under **SDG 11**.

17.2.5 Collaboration with NGOs for SDGs

Student Volunteering Programmes

Career Point University (CPU), Kota has demonstrated a strong commitment to community engagement and social responsibility through its diverse **student volunteering programmes**, effectively aligning with the objectives of **SDG 17 – Partnerships for the Goals**. Over the years, the University has undertaken numerous extension and outreach activities in collaboration with NGOs, local government bodies, and community organizations to foster civic engagement and promote inclusive growth. These initiatives not only sensitize students toward societal needs but also cultivate a sense of responsibility, empathy, and leadership. Through structured programmes such as the **National Service Scheme (NSS)**, **National Cadet Corps (NCC) Army and Air Wings**, the **Women’s Grievances and Empowerment Cell**, and participation in national missions like **Unnat Bharat Abhiyan** and **Swachh Bharat Abhiyan**, CPU ensures active student participation in addressing local developmental challenges. Student

volunteers frequently visit adopted villages to conduct fieldwork, assess socio-economic conditions, and provide practical solutions to community issues—thereby bridging the gap between academic knowledge and real-world applications.

The University's **extension and outreach activities** encompass a wide spectrum of social, environmental, and developmental themes such as **Fit India Movement, blood donation drives, tree plantation campaigns, mental well-being sessions, personal health and hygiene awareness, energy conservation, and promotion of renewable energy**. Special emphasis is placed on **environmental protection, life skills development, and national integration**, creating holistic learning experiences that nurture global citizens with a strong sense of social conscience. Student and faculty volunteers have also made remarkable contributions in areas like **mass literacy, watershed management, and food distribution for the homeless**, reflecting the University's dedication to sustainable and equitable community development.

The **National Service Scheme (NSS) Club** at CPU plays a pivotal role in mobilizing students for social welfare and awareness programmes. Through partnerships with local NGOs and government departments, the NSS organizes outreach programmes to combat issues such as **child marriage, domestic violence, health disparities, drug and alcohol addiction**, and neglect of street children. Major events conducted under this initiative include **Health Awareness Campaigns, Yoga Day Celebrations, Tree Plantation Drives, Visits to Old Age Homes, Wildlife Week Activities, Blood Donation Camps, Cancer Awareness Programmes, Rashtriya Ekta Diwas**, and **awareness drives on government welfare policies and organic farming**. These programmes enable students to apply their academic learning in a socially relevant context while strengthening the University's engagement with local communities.

Similarly, the **NCC Army and Air Wings** at Career Point University contribute significantly to developing leadership, discipline, and patriotism among students while reinforcing the values of national integration and selfless service. The **NCC Army Wing**, functioning under the **14 Raj Battalion NCC, Kota**, regularly organizes **Swachh Bharat Campaigns, Republic Day Celebrations, Blood Donation Drives, and Combined Annual Training Camps**, where cadets learn teamwork, resilience, and civic responsibility. The **NCC Air Wing**, operating under the **7 Raj Air NCC Unit, Kota**, conducts activities such as **tree plantation, community service, social awareness drives, workshops on the Indian Air Force**, and sports events to instill the spirit of nation-building. Several CPU cadets have achieved recognition at national camps such as **IGC RDC Jaipur** and **Republic Day Camp Delhi**, earning commendations from the **Deputy Director General (DDG), Rajasthan**. These achievements highlight the University's success in combining academic excellence with patriotic service and social outreach.

Through these extensive student volunteering programmes, **Career Point University** has successfully built a model of academic-social partnership that aligns education with community transformation. The recognition and awards received by the University and its faculty for community engagement underscore the tangible impact of these initiatives. By fostering student leadership, encouraging community-oriented research, and promoting sustainable social practices, CPU continues to advance the objectives of **SDG 17 – Partnerships for the Goals**, nurturing a generation of socially conscious professionals committed to achieving inclusive and sustainable development.



Society and Well-being: Understanding Medical Issues through a Sociological Lens in Kasar and Alaniya Villages

This survey focused on understanding the unique healthcare challenges faced by the rural populations of Kasar and Alaniya. It involved:

- **Data Collection:** Researchers will likely use questionnaires or interviews to gather information directly from community members about their experiences.
- **Focus Areas:** The survey explored issues like accessibility of healthcare facilities, availability of doctors and medicine, common health problems, affordability of care, traditional healthcare practices, and barriers to seeking medical help.
- **Outcome:** The goal is to generate a comprehensive picture of the medical landscape in these villages, ultimately aiding in identifying gaps in services and finding targeted solutions to improve healthcare.



Activities linked with SDG's	
Linked SDG's	Total Linked Activities
SDG 02 – Zero Hunger	8
SDG 03 – Good Health and Well-being	23
SDG 04 – Quality Education	19
SDG 05 – Gender Equality	4
SDG 06 – Clean Water and Sanitation	3
SDG 08 – Decent Work and Economic Growth	27
SDG 09 – Industry, Innovation and Infrastructure	21
SDG 10 – Reduced Inequalities	1
SDG 11 – Sustainable Cities and Communities	14
SDG 12 – Responsible Consumption and Production	2
SDG 13 – Climate Action	7
SDG 15 – Life on Land	2
SDG 16 – Peace, Justice and Strong Institutions	12
SDG 17 – Partnerships for the Goals	4
Grand Total	147

Research Programmes

Career Point University, Kota continues to strengthen its commitment to the **United Nations Sustainable Development Goals (SDGs)** through impactful research collaborations, knowledge exchange, and active partnerships with NGOs, industries, and international research bodies. The University's research ecosystem emphasizes applied innovation, interdisciplinary studies, and community-oriented research that supports the advancement of global sustainability objectives. The diverse range of research papers published by faculty members and scholars reflects the institution's dedication to solving real-world problems through scientific inquiry and evidence-based solutions. Many of these research projects are carried out in collaboration with government initiatives, NGOs, and community organizations, ensuring that academic outcomes contribute directly to societal welfare and sustainable development.

A significant portion of the University's research focuses on **SDG 3 – Good Health and Well-Being**, **SDG 6 – Clean Water and Sanitation**, **SDG 9 – Industry, Innovation, and Infrastructure**, **SDG 11 – Sustainable Cities and Communities**, **SDG 15 – Life on Land**, and **SDG 4 – Quality Education**. For example, studies such as "*Pharmacological Evaluation of Antioxidant and Hepatoprotective Activity of Polyherbal Formulation*," "*Formulation and Evaluation of PLGA Nanoparticles for the Treatment of Alzheimer's Disease*," and "*AI-Powered Automated Detection of Cervical Cancer Using Deep Learning Techniques*" contribute directly to advancements in healthcare innovation. Research addressing **SDG 6 and SDG 11**, like "*Cutting Edge Technology for Wastewater Treatment Using Smart Nanomaterials*" and "*Media's Impact on Dark Tourism in Rajasthan*", highlights the University's efforts to ensure environmental sustainability and promote responsible tourism. Similarly, research in material science and nanotechnology, including "*Tailored 2D Bi₂WO₆-rGO Hybrid Composites for Advanced Flexible and Wearable Supercapacitor Devices*" and "*Effect of Temperature and Co-Addition on Phase Stability and Magnetic Properties of Heusler Alloys for Spintronics Devices*", aligns with **SDG 9**, reinforcing the importance of technological innovation and sustainable industrial growth.

Furthermore, research in biodiversity and ecology—such as "*Population Structure and Dynamics of Greater Flamingos in Haryana*", "*Avifaunal Diversity in Shergarh Wildlife Sanctuary*", and "*Avian Diversity Assessment of Ancholi Dam in Baran District*"—demonstrates Career Point University's contribution to **SDG 15 – Life on Land** through the study of ecosystems, wildlife conservation, and habitat sustainability. Complementary studies in computational sciences, including "*Fractional Calculus Operators of the Generalized Hurwitz-Lerch Zeta Function*" and "*Remote Access Services Transforming Library Resource Utilization in India*", strengthen **SDG 4 – Quality Education** and promote digital transformation in academic systems. These research activities illustrate how the University integrates academic rigor with societal needs, transforming knowledge into measurable social impact.

Through these multidisciplinary research programs, **Career Point University** reinforces the spirit of **SDG 17 – Partnerships for the Goals** by fostering a collaborative ecosystem where academia, NGOs, industries, and policymakers work together to develop innovative, sustainable, and community-driven solutions. Each research contribution represents a step toward creating an equitable and resilient society, emphasizing the University's role as a hub of knowledge creation, responsible innovation, and global partnership for sustainable development.

Career Point University (CPU), Kota, has made remarkable progress in advancing research and academic writing that supports the United Nations Sustainable Development Goals (SDGs). The publication of numerous **book chapters** by faculty and researchers across diverse SDG themes demonstrates the University’s deep engagement with global sustainability challenges. These book chapters reflect interdisciplinary approaches and collaborations with national and international organizations, NGOs, and industry experts, highlighting CPU’s strong commitment to knowledge creation and dissemination for social impact.

A significant number of book chapters focus on **SDG 10 – Reduced Inequalities**, underscoring the University’s dedication to fostering inclusivity, equity, and social justice. These publications explore issues such as economic disparity, social inclusion, and empowerment of marginalized communities. Similarly, **SDG 11 – Sustainable Cities and Communities** is well-represented through research on sustainable urban development, infrastructure resilience, waste management, and cultural preservation—emphasizing the University’s efforts toward building safer, more sustainable communities.

Contributions under **SDG 1 – No Poverty** highlight research and case studies related to poverty alleviation, livelihood improvement, and micro-entrepreneurship initiatives in rural and semi-urban regions. These publications often draw upon field data and community engagement projects conducted by CPU faculty and students, translating academic research into actionable insights for social upliftment. The University’s collaborative approach ensures that such scholarly contributions not only enrich academic literature but also inform community development policies and sustainable practices in alignment with national priorities and global sustainability agendas.

Through these scholarly endeavors, Career Point University reinforces its role as a **knowledge partner for sustainable development**, using research and publication as tools to inspire innovation, policy advocacy, and social transformation. By engaging with NGOs, government agencies, and global academic networks, the University bridges the gap between theory and practice—transforming higher education into a driver of equitable growth, environmental stewardship, and sustainable living.

Books Published Aligned with different SDGs	
SDGs	Number of Books Published
SDG 10 – Reduced Inequalities	1
SDG 11 – Sustainable Cities and Communities	1
SDG 12 – Responsible Consumption and Production	1
SDG 13 – Climate Action	5
SDG 15 – Life on Land	6
SDG 16 – Peace, Justice and Strong Institutions	8
SDG 17 – Partnerships for the Goals	1
SDG 2 – Zero Hunger	11
SDG 3 – Good Health and Well-Being	19
SDG 4 – Quality Education	16
SDG 5 – Gender Equality	1
SDG 6 – Clean Water and Sanitation	1
SDG 7 – Affordable and Clean Energy	2
SDG 8 – Decent Work and Economic Growth	7
SDG 9 – Industry, Innovation and Infrastructure	26
Grand Total	106

Total number of Patents linked with different SDG's	
SDG's	Patents linked with different SDG's
SDG 15 – Life on Land	1
SDG 16 – Peace, Justice and Strong Institutions	1
SDG 2 – Zero Hunger	8
SDG 3 – Good Health and Well-Being	5
SDG 4 – Quality Education	1
SDG 5 – Gender Equality	1
SDG 7 – Affordable and Clean Energy	1
SDG 8 – Decent Work and Economic Growth	4
SDG 9 – Industry, Innovation and Infrastructure	3
Grand Total	25

Research Papers Linked with Different SDG's	
Research Papers Linked with SDG's	Total
SDG 03 – Good Health and Well-being	18
SDG 04 – Quality Education	2
SDG 06 – Clean Water and Sanitation	3
SDG 08 – Decent Work and Economic Growth	1
SDG 09 – Industry, Innovation and Infrastructure	10
SDG 11 – Sustainable Cities and Communities	1
SDG 15 – Life on Land	5
Grand Total	40

Book Chapters Linked with Different SDG's	
Book Chapters Linked with SDG's	Total
SDG 01 – No Poverty	2
SDG 02 – Zero Hunger	90
SDG 03 – Good Health and Well-being	218
SDG 04 – Quality Education	137
SDG 05 – Gender Equality	19
SDG 06 – Clean Water and Sanitation	11
SDG 07 – Affordable and Clean Energy	16
SDG 08 – Decent Work and Economic Growth	64
SDG 09 – Industry, Innovation and Infrastructure	175
SDG 10 – Reduced Inequalities	17
SDG 11 – Sustainable Cities and Communities	11
SDG 12 – Responsible Consumption and Production	54
SDG 13 – Climate Action	19
SDG 14 – Life Below Water	15
SDG 15 – Life on Land	43
SDG 16 – Peace, Justice and Strong Institutions	87
SDG 17 – Partnerships for the Goals	5
Grand Total	983

Development of Educational Resources

Career Point University, Kota has consistently fostered innovation, research, and knowledge dissemination through collaborations that align with the **United Nations Sustainable Development Goals (SDGs)**. The University's active research culture has resulted in the filing of numerous patents addressing critical global challenges across diverse domains such as agriculture, industry, healthcare, education, and clean energy. These patents exemplify collaborative efforts between faculty members, research scholars, and industry or community partners, often involving technical support and data sharing with non-governmental organizations (NGOs) and research institutions. This approach ensures that the outcomes of academic research transcend the boundaries of laboratories and contribute directly to the sustainable development of society.

The University's research outcomes demonstrate direct relevance to several SDGs. Under **SDG 2 – Zero Hunger**, multiple innovations, such as the *Chemical Management of Fusarium Wilt in Lentils*, *Impact of Lime and Boron Fertilization on Soybean Yield*, and *Systematic Approach to Increase Productivity of Field Pea in Rajasthan*, focus on improving agricultural productivity, soil health, and food security. Similarly, patents like *From Farm to Fault: Deterioration Dynamics of Guava at Ambient Storage* and *Novel Approaches for Processing Moringa Leaf Powder with Enhanced Purity and Nutrient Retention* emphasize sustainable

post-harvest management and nutritional advancement, aligning agricultural science with community needs. Under **SDG 3 – Good Health and Well-Being**, innovations such as *Smart Eyeglasses with Image Recognition and Natural Language Processing for Auditory Output*, *Intelligent Bolster with Real-Time Feedback for Knee Rehabilitation*, and *Analgesic Potential of Gyrocarpus Americanus Extract in Oral Drops* highlight the University’s contribution to healthcare innovation and rehabilitation sciences. These projects often integrate community feedback and NGO collaborations for practical testing, outreach, and user engagement.

Moreover, several patents advance the goals of **SDG 8 – Decent Work and Economic Growth** and **SDG 9 – Industry, Innovation, and Infrastructure**, such as *Application of Linear Programming in Small Industries for Profit Maximization*, *System and Method for Implementing Total Quality Management (TQM) in Hospitality Recruitment*, and *Unified Models for Detecting Fake Images and Optimizing Software Testing through AI and Neural Networks*. These research outcomes promote skill development, digital literacy, and industrial efficiency—key enablers of sustainable economic progress. Notably, educational innovation and technology-driven learning under **SDG 4 – Quality Education** are represented through patents like *A Unified Model of Metaverse Variable Frequency Using Augmented Reality in Education* and *Smart Decision-Making Framework Using AI for Public Policy and Library Resource Management*, reflecting the University’s dedication to transforming teaching and learning methodologies.

Through its interdisciplinary research ecosystem and collaboration with NGOs, **Career Point University** ensures that its innovations are socially relevant, scalable, and inclusive. The University’s commitment to developing educational and technological resources not only supports community development but also strengthens the knowledge-sharing network vital for sustainable global growth. By integrating academic research, industry experience, and community engagement, Career Point University embodies the principles of **SDG 17 – Partnerships for the Goals**, driving innovation-led collaboration that addresses real-world problems and contributes meaningfully to the collective advancement of the Sustainable Development Goals.

No. of courses aligned with SDGs	
Courses aligned with SDGs	Total
SDG 01 (No Poverty)	16
SDG 02 (Zero Hunger)	45
SDG 03 (Good Health and Well Being)	126
SDG 04 (Quality Education)	525
SDG 05 (Gender Equality)	1
SDG 06 (Clean water and Sanitation)	3
SDG 07 (Affordable and Clean Energy)	2
SDG 08 (Decent Work and Economic Growth)	38
SDG 09 (Industry, Innovation and Infrastructure)	92
SDG 10 (Reduced Inequalities)	3
SDG 11 (Sustainable Cities and Communities)	2
SDG 13 (Climate Action)	33
SDG 15 (Life on Land)	2
SDG 16 (Peace, Justice and Strong Institutions)	83
Grand Total	971

Table: Courses aligned with SDGs

17.4 Education for the SDGs

17.4.1 Education for SDGs commitment to meaningful education

Career Point University (CPU), Kota demonstrates a strong commitment to integrating the principles of the United Nations Sustainable Development Goals (SDGs) into its academic framework through a well-structured curriculum that aligns various courses with relevant SDGs. The university has meticulously mapped its programmes across disciplines such as Engineering, Management, Pharmacy, Basic and Applied Sciences, Law, and Humanities to ensure that education not only imparts technical knowledge but also nurtures social responsibility, environmental awareness, and ethical values among students.

The university's academic design reflects inclusivity and sustainability by embedding **over 700 courses** that directly address one or more SDGs. For instance, courses under **SDG 01 – No Poverty** focus on entrepreneurship, financial literacy, and social empowerment, preparing students to contribute to poverty alleviation through innovation and sustainable employment. Similarly, **SDG 02 – Zero Hunger** is addressed through courses in agriculture, biotechnology, and food science, where students learn about sustainable farming practices, soil health, and food security management.

A significant portion of the curriculum supports **SDG 03 – Good Health and Well-being**, with **over 120 courses** emphasizing medical sciences, pharmacy, physiotherapy, and community health. These programs not only foster scientific knowledge but also emphasize the ethical and social dimensions of healthcare. Meanwhile, **SDG 04 – Quality Education**, which has the largest representation with **more than 500 courses**, underscores CPU's dedication to creating an inclusive learning environment that promotes lifelong learning, critical thinking, and academic excellence across all fields of study.

Beyond academics, CPU ensures that every student understands their role as a global citizen through experiential learning, field projects, and interdisciplinary activities. Courses under **SDG 05 – Gender Equality**, for instance, promote awareness of social justice and women's empowerment, while those under **SDG 09 – Industry, Innovation, and Infrastructure** encourage innovation, sustainable industrial practices, and technological advancement. This integrative approach positions Career Point University as a model institution that not only imparts education but also inspires students to become responsible change-makers contributing to the achievement of global sustainability goals.

Education of the girl child

The event served as a pivotal platform for engagement and dialogue, drawing the attention of gram panchayat members, local women, and girls residing in the five adopted villages. Guided by the expertise and passion of Mr. Mudasir Amin and Dr. Jitendra Tiwari from the Department of Education, University students assumed the role of advocates for change, articulating the multifaceted needs and profound importance of educating the girl child in rural India.

Against the backdrop of a vibrant exchange of ideas and experiences, attendees delved into the intricacies of gender disparities in education and explored strategies to overcome socio-cultural barriers that impede girls' access to schooling. The students, with a blend of empathy and academic rigor, elucidated compelling narratives and evidence-based insights, underscoring the undeniable link between girls' education and broader socio-economic progress.

Through dynamic presentations, interactive workshops, and personal anecdotes, the event fostered a sense of shared responsibility and collective empowerment. Attendees were inspired to envision a future where every girl in their community has the opportunity to unleash her full potential through education. The event catalyzed a ripple effect of advocacy and action, igniting a renewed commitment among stakeholders to champion the cause of girls' education and drive sustainable change in the adopted villages and beyond.



7.4.2 Education for SDGs specific courses on sustainability

The university offers a range of dedicated academic programmes and electives aligned with the United Nations Sustainable Development Goals (SDGs), demonstrating its strong commitment to sustainability education. Key programmes addressing sustainability and SDG themes include the B.Sc. (Hons.) Agriculture (SDG 2 – Zero Hunger) promoting sustainable agricultural practices; Pharmacy and Physiotherapy programmes (SDG 3 – Good Health and Well-being) advancing health sciences and community well-being; and Integrated B.Ed. programmes (SDG 4 – Quality Education) fostering inclusive and future-oriented education. Additionally, Law and Integrated Law programmes (SDG 16 – Peace, Justice and Strong Institutions) focus on legal frameworks, ethics, and justice. These structured courses collectively integrate sustainability principles within disciplinary learning.

Programme Name	SDG
Bachelor of Science (Honors) Agriculture	SDG 02
Bachelor of Pharmacy	SDG 03
Bachelor of Physiotherapy	SDG 03
Doctor of Philosophy Pharmaceutical Sciences	SDG 03
Master of Pharmacy Pharmaceutics	SDG 03
Master of Pharmacy Pharmacology	SDG 03
Master of Physiotherapy	SDG 03
Integrated - Bachelor of Arts and Bachelor of Education	SDG 04
Integrated - Bachelor of Science (Biology) and Bachelor of Education	SDG 04
Integrated - Bachelor of Science (Maths) and Bachelor of Education	SDG 04
Bachelor of Law	SDG 16
Integrated - Bachelor of Arts and Bachelor of Law	SDG 16
Integrated - Bachelor of Business Administration and Bachelor of Law	SDG 16
Master of Law (Corporate Law)	SDG 16
Master of Law (Tort and Crime)	SDG 16

17.4.3 Education for SDGs in the wider community

Career Point University (CPU), Kota, is deeply committed to extending the impact of education beyond its classrooms and laboratories by integrating the principles of the Sustainable Development Goals (SDGs) into the wider community. Through a comprehensive curriculum mapped to all 17 SDGs, the University ensures that the knowledge and skills acquired by students are translated into real-world applications that benefit society. Courses across disciplines such as Agriculture, Environmental Sciences, Engineering, Management, and Social Sciences have been designed not only to promote academic excellence but also to cultivate social responsibility, community engagement, and sustainable practices. Students and faculty actively participate in research, fieldwork, and community development projects that align with local, national, and global sustainability priorities.

Under **SDG 4 — Quality Education**, the University has taken initiatives to promote inclusive and equitable education by organizing community outreach programs, literacy drives, and digital learning sessions for rural youth. Similarly, courses linked to **SDG 2 — Zero Hunger** and **SDG 3 — Good Health and Well-being** extend learning to the community through nutrition awareness workshops, health check-up camps, and agricultural training for farmers on crop diversification and soil health management. Programs in Agriculture and Allied Sciences encourage sustainable farming and food security practices, while initiatives in Health Sciences and Pharmacy departments focus on preventive healthcare, mental health awareness, and public health education. These efforts ensure that the University's expertise directly supports rural and underprivileged communities in achieving long-term resilience and sustainable growth.

In alignment with **SDG 6 — Clean Water and Sanitation**, **SDG 7 — Affordable and Clean Energy**, and **SDG 13 — Climate Action**, CPU has promoted environmental literacy through field-based learning and community engagement. Students participate in projects that address waste management, renewable energy adoption, and water conservation in nearby villages. Workshops on energy efficiency, water harvesting, and pollution control further translate theoretical knowledge into actionable local solutions. Faculty from Environmental Science, Civil Engineering, and Basic Sciences mentor students in developing sustainable innovations, which are then demonstrated in community awareness programs and local exhibitions, fostering a sense of shared responsibility towards environmental stewardship.

Moreover, under **SDG 11 — Sustainable Cities and Communities** and **SDG 12 — Responsible Consumption and Production**, the University engages with local governance bodies, NGOs, and schools to promote green campus initiatives, urban cleanliness drives, and workshops on sustainable living practices. Courses such as *Environmental Ethics*, *Renewable Energy Systems*, *Urban Sustainability and Policy*, and *Sustainable Development Practices* encourage interdisciplinary learning that connects classroom theory with civic engagement. Through its continuous efforts in education, outreach, and capacity building, Career Point University has positioned itself as a center of excellence that bridges academia and community action — empowering students and citizens alike to become proactive contributors to a more sustainable and equitable world.

17 PARTNERSHIPS FOR THE GOALS



**CAREER POINT
UNIVERSITY**

Internal Quality Assurance Cell (IQAC)
Career Point University, Kota
✉ iqac@cpur.edu.in

🌐 www.cpur.in
Alaniya, Kota, Rajasthan 325003.