CAREER POINT UNIVERSITY



CLEAN WATER AND SANITATION

Ensure availability & sustainable management of water & sanitation for all

Message from the Vice Chancellor

It gives me immense pleasure to present Career Point University's report on **SDG 6 – Clean Water and Sanitation** part of our series documenting the University's commitment to the United Nations Sustainable Development Goals.

At Career Point University, we believe that a university's responsibility extends far beyond the classroom. Education must prepare young minds not only for careers, but for citizenship — to understand the challenges facing our communities, our nation and our planet, and to act on them with knowledge, empathy and integrity. The Sustainable Development Goals give us a shared framework for this purpose, and we have consciously woven them into our teaching, research, campus operations and community outreach.

Through responsible water management on campus, research and public awareness, we seek to safeguard this most precious resource for present and future generations.

This report brings together the efforts of our faculty, researchers, students and staff during 2025 — through academic programmes and courses, research publications, policies, campus initiatives and partnerships with local communities and institutions in Kota and across Rajasthan. Each of these reflects our belief that meaningful change begins with sustained, collective action at the local level.

I am proud of what our University community has achieved, and equally aware that much remains to be done. We see this report not as a conclusion, but as a benchmark against which we will measure our progress in the years ahead. I extend my sincere appreciation to everyone who contributed to these initiatives and to the preparation of this report, and I invite all our stakeholders to join us in building a more just, inclusive and sustainable future.

Prof. (Dr.) Mayank Saxena
Vice Chancellor
Career Point University, Kota

Goal 6: Clean Water and Sanitation

The Sustainable Development Goal of **Clean Water and Sanitation** has eight targets and 11 indicators. It aims to ensure that everyone has access to safe drinking water, sanitation and hygiene, and that water resources are used efficiently, kept free of pollution and managed sustainably, including the ecosystems that sustain them.

Career Point University (CPU), Kota contributes to SDG 6 through teaching and research on water quality, wastewater treatment, photocatalysis, irrigation efficiency and aquatic ecology, through hygiene awareness programmes, and through field visits and training on water conservation.

The eight targets of SDG 6

6.1 **Safe drinking water** Universal and equitable access to safe and affordable drinking water.	**6.2** **Sanitation and hygiene** Access to adequate sanitation and hygiene for all; end open defecation.	**6.3** **Water quality** Improve water quality by reducing pollution and halving untreated wastewater.	**6.4** **Water-use efficiency** Increase water-use efficiency and ensure sustainable withdrawals.
6.5 **Integrated management** Implement integrated water resources management at all levels.	**6.6** **Water ecosystems** Protect and restore water-related ecosystems.	**6.a** **International cooperation** Expand cooperation and capacity-building in water and sanitation.	**6.b** **Community participation** Strengthen the participation of local communities in water management.

CPU at a glance – SDG 6

13 courses aligned to SDG 6	**12** SDG 6-related papers 2021–2025	**3** patents filed (water and environment)	**20** PG student projects (2025)

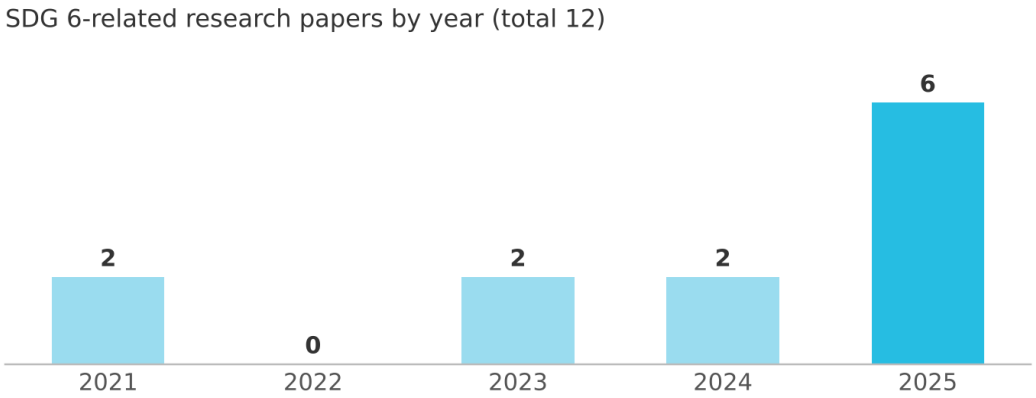
1 Teaching and Learning

CPU integrates water, environment and sustainability themes into its curricula. **13 courses** across geography, environmental science, chemistry, zoology, soil science, law and public administration are aligned to SDG 6.

Code	Course	Target	How it relates to the SDG
GEL501	Physical Geography	**6.5**	Hydrosphere, river systems and the water cycle
GEL502	Environment Geography	**6.5**	Water resources and environmental management
GEL503	Environmental Studies	**6.3**	Water resources, pollution and conservation
ENL041	Environment Studies	**6.3**	Water pollution, resource use and conservation
LBL514	Environmental Law	**6.3**	Legal control of water pollution and protection of water bodies
BOL901	Environmental Microbiology in Sustainable Development	**6.3**	Microbial treatment of wastewater and water quality
CYL551	Applied Chemistry for Engineers	**6.3**	Water chemistry and water treatment
ZOL905	Fish, Fisheries and Aquaculture-I	**6.6**	Freshwater ecosystems and sustainable use of aquatic resources
ZOL702	Aquaculture and Pest Management-I	**6.6**	Water management in aquaculture and aquatic ecosystems
SSL902	Soil Physics	**6.4**	Soil–water relations, infiltration and irrigation efficiency
SSL952	Soil Erosion and Conservation	**6.4**	Soil and water conservation, watershed management
PAL702	Local Administration in India	**6.1**	Municipal and local-body delivery of water supply and sanitation
PSL854	Local Govt. in India with Special Reference to Panchayati Raj	**6.b**	Community participation in rural water and sanitation

2 Research

Faculty members published 12 SDG 6-related research papers during 2021–2025, half of them (6) in 2025:



Source: CPU SDG workbook (Jan–Dec 2025) and 2021–25 research paper list.

Publications – 2025

Comparative Study of Irrigation and Fertigation Strategies on Performance of Papaya under Sub-humid Conditions
Amit Malav, Mahaveer Suman, Manish Kumar | Int. Journal of Horticulture and Food Science | 2025

https://www.doi.org/10.33545/26631067.2025.v7.i6a.314

Impact of Mulching Materials and Fertigation Levels on Papaya cv. Red Lady under Protected Conditions
Ankit Vijay, Manish Kumar et al. | Int. Journal of Horticulture and Food Science | 2025

https://www.doi.org/10.33545/26631067.2025.v7.i6a.311

Influence of Mulching and Fertigation on Morphological and Quality Attributes of Strawberry
Priya Meena, Mahaveer Suman, Deva Ram Meghawal | Asian Journal of Soil Science and Plant Nutrition | 2025

https://doi.org/10.9734/ajsspn/2025/v11i2522

Bismuth-based hybrid perovskite [C10H16N]2BiCl5 as a visible-light active photocatalyst for the degradation of rhodamine dye
Dinesh Kulhary et al. | Materials Science in Semiconductor Processing | 2025

https://doi.org/10.1016/j.mssp.2025.110317

Exploration of physical characteristics of gyrotactic microorganisms and Cattaneo-Christov heat flux past a convective surface
Dr. Hemlata Saxena | Case Studies in Thermal Engineering | 2025

Biotechnology and commercial utilization of algae
Dr. Anita Singh | CPU | 2025

Publications – 2021 to 2024

Cutting edge technology for wastewater treatment using smart nanomaterials: recent trends and futuristic advancements
Arun Sharma, Himansh Goel et al. | Environmental Science and Pollution Research | 2024

A nanocomposite of ZnO-CuO for the photocatalytic degradation and sensor applications
Falguni Shashikant Bhavsar | Int. Journal of Research and Analytical Reviews | 2024

http://doi.one/10.1729/Journal.38133

A Nanocomposite of ZnO and N, P-Co-Doped Carbon Dots for the Photocatalytic Degradation of Various Dyes and their Kinetic Study
Falguni S. Bhavsar | ChemistrySelect | 2023

http://doi.org/10.1002/slct.202301821

Evaluating Statistical Analysis of Water Parameters in Dholawad and Mahi Bajaj Sagar Dam
Neha Kaithwas | Int. Journal for Innovative Engineering and Management Research | Dec 2023

https://drive.google.com/file/d/11sBoZ-bXeDHWFfKRfqu67gOKpjZafgjR/view?usp=sharing

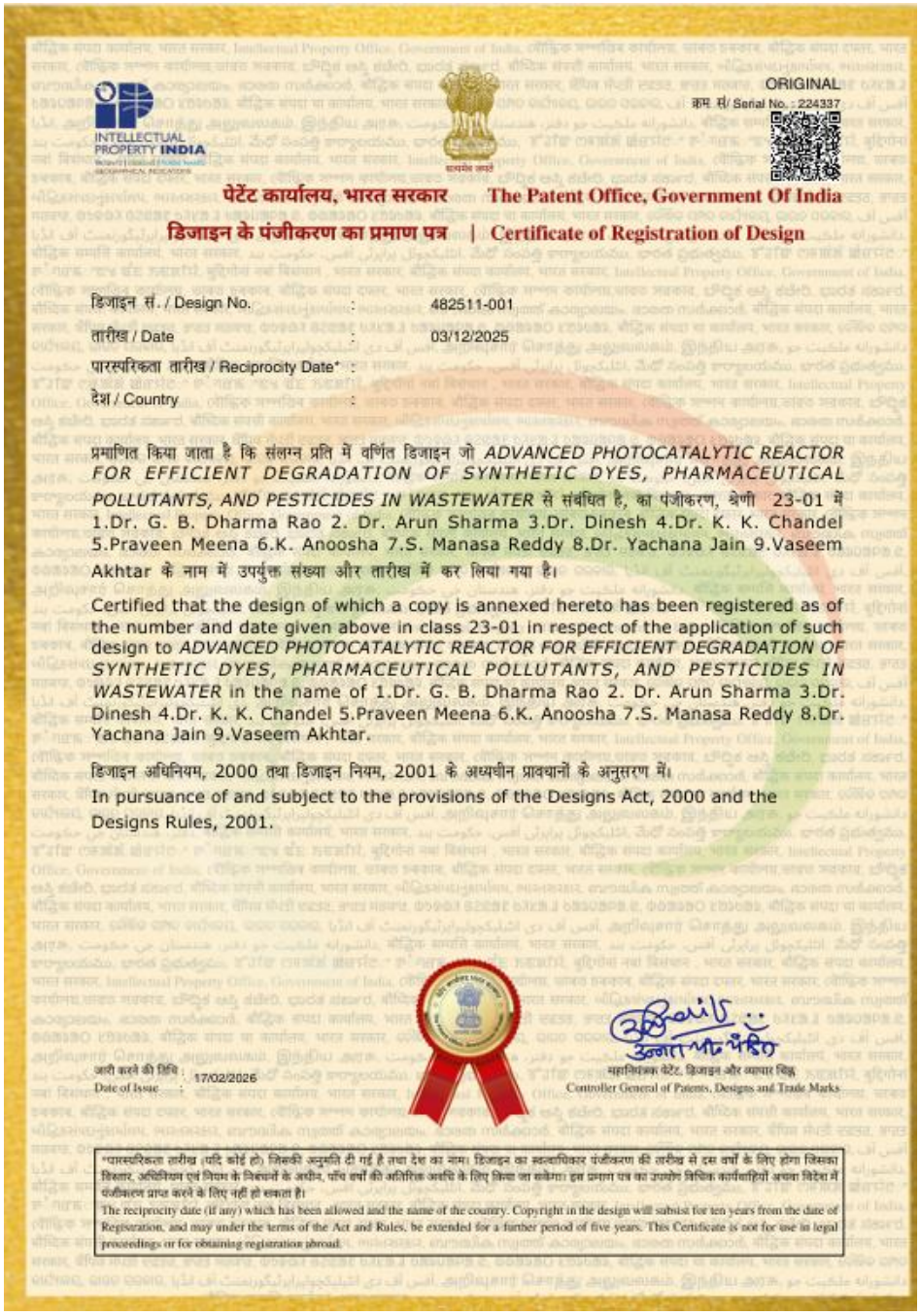
Removal of organic pollutants by zirconium containing nanoparticles: a comparative photocatalytic degradation study
Ankita Vijay | J. of Materials Science: Materials in Electronics | 2021

Visible light driven degradation of xanthene dyes using novel synthesised quaternary nanomaterial ZrCdPbO4
Ankita Vijay | Int. Journal of Environmental Analytical Chemistry | 2021

Patents (2025)

High-performance sensor for trace detection of heavy metals in water
Arun Sharma | Application No. 6414846 | 2025

ADVANCED PHOTOCATALYTIC REACTOR FOR EFFICIENT DEGRADATION OF SYNTHETIC DYES, PHARMACEUTICAL POLLUTANTS, AND PESTICIDES IN WASTEWATER
Arun Sharma | Application No. 482511-001 | 2025



INTELLECTUAL PROPERTY INDIA

ORIGINAL
क्रम सं/ Serial No. : 224337

पेटेंट कार्यालय, भारत सरकार — The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 482511-001
तारीख / Date : 03/12/2025
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *ADVANCED PHOTOCATALYTIC REACTOR FOR EFFICIENT DEGRADATION OF SYNTHETIC DYES, PHARMACEUTICAL POLLUTANTS, AND PESTICIDES IN WASTEWATER* से संबंधित है, का पंजीकरण, श्रेणी 23-01 में 1.Dr. G. B. Dharma Rao 2. Dr. Arun Sharma 3.Dr. Dinesh 4.Dr. K. K. Chandel 5.Praveen Meena 6.K. Anoosha 7.S. Manasa Reddy 8.Dr. Yachana Jain 9.Vaseem Akhtar के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-01 in respect of the application of such design to *ADVANCED PHOTOCATALYTIC REACTOR FOR EFFICIENT DEGRADATION OF SYNTHETIC DYES, PHARMACEUTICAL POLLUTANTS, AND PESTICIDES IN WASTEWATER* in the name of 1.Dr. G. B. Dharma Rao 2. Dr. Arun Sharma 3.Dr. Dinesh 4.Dr. K. K. Chandel 5.Praveen Meena 6.K. Anoosha 7.S. Manasa Reddy 8.Dr. Yachana Jain 9.Vaseem Akhtar.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि / Date of Issue : 17/02/2026

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वतःधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
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Resonant Rhythms: Decoding the Symmetric Mode of Water
Nasreen Ansari | Application No. 202511022132 | 2025

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2025

(21) Application No.202511022132 A
(43) Publication Date : 21/03/2025

(54) Title of the invention : RESONANT RHYTHMS: DECODING THE SYMMETRIC VIBRATIONAL MODES OF WATER

(51) International classification :G01R0033460000, B82Y0010000000, G06N0010000000, G01R0033465000, B82Y0015000000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)Dr. Rahhee Chaudhary
Address of Applicant :Dean, School of Basic and Applied Sciences, Career Point University Kota --------- ----------

(57) Abstract :
This study explores the influence of frequency on the structural and vibrational dynamics of water molecules, focusing on the 0–1000 Hz range. At specific frequencies, particularly 432 Hz and 528 Hz, resonance effects became prominent, enhancing molecular coherence and stabilizing the water structure. These resonance frequencies amplified certain vibrational modes, leading to sharper spectral peaks and reduced noise, indicating heightened symmetry. In contrast, frequencies outside the resonance range induced structural distortions and broader vibrational spectra. The findings underscore the quantum mechanical principles governing vibrational states, demonstrating the interplay between energy quantization and molecular behavior. This work offers insights into energy transfer processes within water, contributing to applications in medicine, environmental science, and quantum systems research.

No. of Pages : 9 No. of Claims : 4

Funded research

Mitigation of Hexavalent Chromium Contamination in South Kaliapani Mines, Odisha: Environmental Impact Assessment and Removal Strategies
Dr. Bhavesh Kumar Dadhich · School of Basic and Applied Sciences | ICSSR proposal (ICSSR-RMM-2025-11063) | Dec 2025

INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH
(Research Programme for Major/Minor Research Projects 2025-26)

ICSSR-RMM-2025-11063
31/12/2025 15:04:02

Research Programme	Major	
Broad Research Domain	Environmental Studies	
Priority Area	Social Influence on Biodiversity, Wildlife, Soil, and Water	
Title of the Research Proposal	Mitigation of Hexavalent Chromium Contamination in South Kaliapani Mines, Odisha: Environmental Impact Assessment and Removal Strategies	

Figure: *ICSSR research proposal documents: Mitigation of Hexavalent Chromium Contamination in South Kaliapani Mines, Odisha.*

Student research

20 PG projects (2025) are tagged to SDG 6. **Water and environment:** Physicochemical properties of potable water samples in different areas of Kota city (Eshika Mehta); Zooplankton and phytoplankton in water samples (Payal Mehra); Physicochemical characterisation of dairy industry effluent (Gunjan); Bacteria from contaminated soil and water for wastewater treatment (Subhi; Vibhum); Heavy metals in soil from contaminated sites (Neha Modi); Pharmaceutical pollutants in water and their treatment (Manish Kumar); Removal of organic compounds from industrial wastewater by adsorption (Naveen Malav); Graphitic carbon nitride for environmental remediation (Vikas Kumar Doodi). **Water-efficient agriculture (M.Sc. Agriculture):** mulching, fertigation and hydrogel studies on papaya, tomato, guava, pomegranate and mustard.

BA minor project: Water Usage and Conservation at the Village (Saksham Meena, 2025).

3 University Operations

Safe drinking water and sanitation on campus

Career Point University, Kota ensures that all students, staff and visitors have free access to safe drinking water. RO-filtered drinking-water stations are installed at multiple points across the campus, and water purification systems provide safe, potable water in academic blocks, hostels and other common areas. Drinking water is tested regularly to make sure it meets health and safety standards.

Gender-segregated, accessible and well-maintained restrooms are available in all buildings, so that everyone, including persons with disabilities, can use them with dignity. Restrooms are sanitised several times a day, and inspection and maintenance logs are kept so that problems are fixed promptly. Under the Clean Campus Initiative, all academic blocks, hostels and canteens are cleaned and sanitised on a regular schedule, and housekeeping follows green cleaning practices such as low-flow cleaning equipment, microfibre cloths and minimal rinse water.

Water conservation and wastewater



Figure: Rainwater harvesting unit at Career Point University, Kota

CPU has installed rainwater harvesting structures across the campus to recharge groundwater and reduce dependence on external water sources. Runoff from roofs and paved (non-roof) areas is filtered and led into recharge pits and storage tanks. Most of Kota's rain falls in July and August, so harvesting during these months is especially important.



Rainwater harvesting structure on campus



Sewage Treatment Plant (STP) on campus

Rainwater harvesting	Litres per day
Rainwater harvesting capacity	25,000
Runoff harvested from roof and non-roof areas	10,000

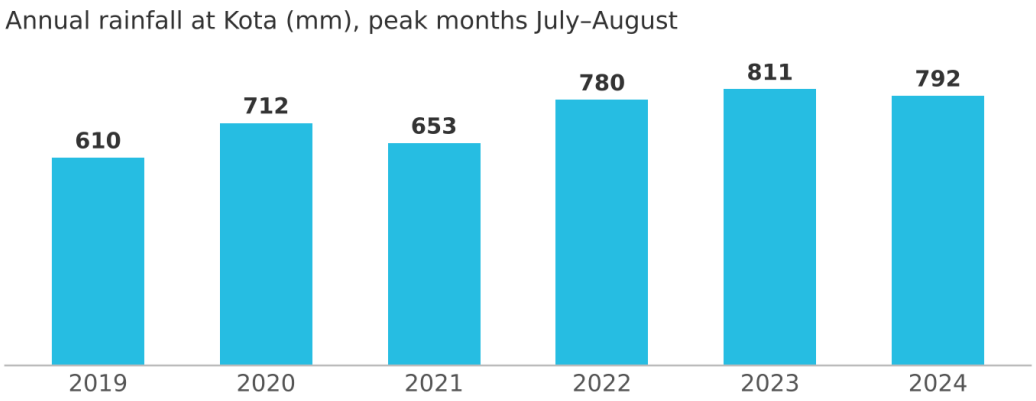


Figure: Annual rainfall at Kota, 2019–2024 (mm). Peak rainy months are July–August, with 80–85 rainy days a year.

Wastewater treatment and reuse

A Sewage Treatment Plant (STP) with a capacity of 1,00,000 litres a day operates on campus. Wastewater passes through primary treatment (screening and settling), secondary (biological) treatment and tertiary treatment (filtration and disinfection), and the residual sludge is disposed of safely. Treated water is monitored for compliance with environmental standards before it is reused for toilet flushing and landscaping.

Parameter	Value
Wastewater generated	75,000 litres/day
Capacity of the sewage treatment plant	1,00,000 litres/day
Efficiency of the STP	80 percent
Working days in a year	Above 300
Treated wastewater available annually	2,25,00,000 litres
Treated wastewater reused annually	2,10,00,000 litres

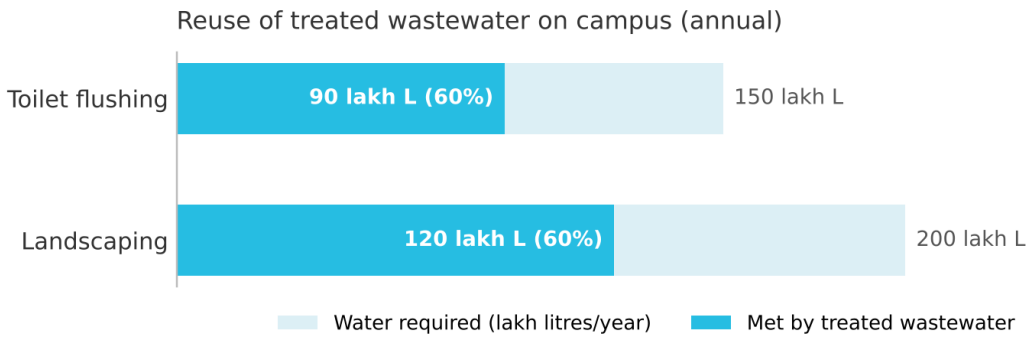


Figure: Treated wastewater meets 60 percent of the water needed every year for toilet flushing and landscaping.

Water-efficient fixtures and monitoring

Water-efficient fixtures are installed in academic and residential buildings: dual-flush and low-flush toilets, water-saving showerheads (6 litres a minute or less), faucet aerators that cut tap flow by up to 50 percent, and sensor-based taps. Water meters on the main supply lines, periodic water audits, and regular leak detection and repair help the University find high-use areas and reduce losses. Awareness programmes on water conservation are held for students, faculty and staff.

Green campus and water-sensitive landscaping

Native and drought-tolerant plants are preferred over turf because they need much less water. Landscaping uses drip and sprinkler irrigation, mulching, grouping of plants by water need, organic fertilisers and treated wastewater, and permeable surfaces let rainwater soak into the ground. Preserving topsoil helps the ground absorb water, reduces runoff and erosion, and recharges groundwater.

Type of vegetation	Share of landscaped area	Area (sq. m)
Turf	9%	18,211
Native species	35%	70,820
Drought-tolerant species	17%	34,398
Other plant species	5%	10,117
Total vegetated area	**66%**	**1,33,546**

Total landscaped area of the campus: 2,02,343 sq. m.



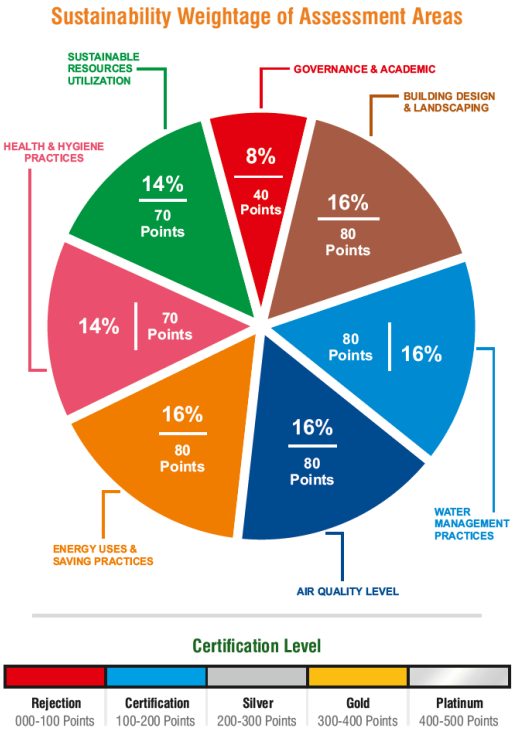
Native tree cover on campus



Academic block and open campus grounds

Campus sustainability assessment

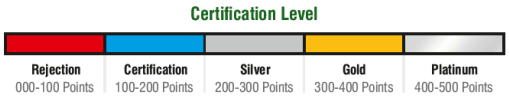
The campus has been assessed on seven sustainability areas. CPU scored 408 out of 500 overall, which is in the Platinum band (400–500 points). The two areas most closely linked to SDG 6 scored well: water management practices 69 out of 80, and health and hygiene practices 64 out of 70.



Weightage of the seven assessment areas

SUSTAINABILITY EVALUATION CHART

Sr. No.	Assessment Areas	Cumulative Score
1.	GOVERNANCE & ACADEMIC	37/40
2.	BUILDING DESIGN & LANDSCAPING	66/80
3.	WATER MANAGEMENT PRACTICES	69/80
4.	AIR QUALITY LEVEL	65/80
5.	ENERGY USES & SAVING PRACTICES	61/80
6.	HEALTH & HYGIENE PRACTICES	64/70
7.	SUSTAINABLE RESOURCES UTILIZATION	46/70
	Total	408/500



CPU scores by assessment area (total 408/500)

Policies and supporting documents

The following University documents, available on the CPU website, set out its commitment to sustainable water management:

Sustainability Committee
CPU Centre for Sustainability
Policy on Climate Change
Sustainability Metrics Dashboard

4 Partnerships and Outreach

Field visits, awareness programmes and expert sessions build water and hygiene awareness among students and the community:

20–24 Jan 2025	FDP: Nanomaterials and Their Applications in Biotechnology (Dr. Meenakshi Kumari) SDG 3, 6, 9, 12
5 Mar 2025	Field Visit to Alaniya Dam SOBAS · SDG 4, 6, 15
12 Jun 2025	Expert lectures on Natural Farming and Water Conservation by Rohitashv Nagar and P. C. Choudhary, ATMA, Department of Agriculture, Kota SOAS · SDG 4, 6, 12
1 Jul 2025	Short Term Program on Environmental Issues (Dr. Abhishek Nagar) SOHAS · SDG 6, 13, 15
29 Aug 2025	Acne and Hygiene Awareness Programme SOHAS · SDG 3, 6
25 Sep 2025	World Pharmacist Day 2025 SOHAS · SDG 3, 6

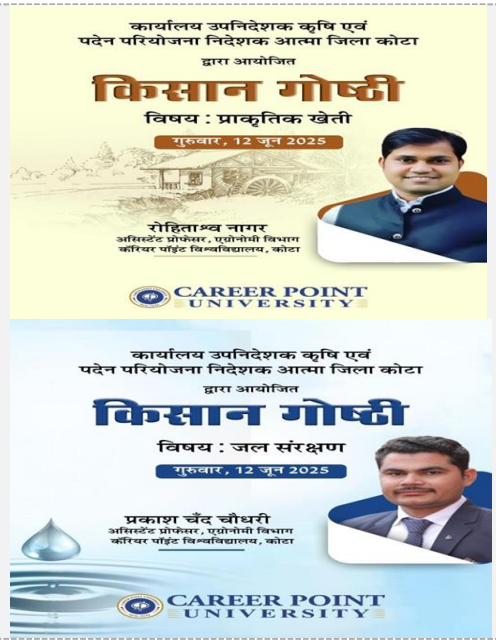




Figure: Expert lectures on Natural Farming and Water Conservation by Rohitashv Nagar and P. C. Choudhary, ATMA, Department of Agriculture, Kota

Partners and MoUs

CPU's School of Agricultural Sciences works with ATMA, Department of Agriculture, Kota, on water-conservation lectures and farmer programmes (12 June 2025).

CAREER POINT UNIVERSITY
KOTA

CAREER POINT

MEMORANDUM OF UNDERSTANDING

Ref. CPUK/RO/21-22/04

Date: 16/08/2021

Subject: Memorandum of Understanding with Career Point University, Kota and Agriculture Extension, Kota Division, Kota (Raj)

The general objective of this Memorandum of Understanding (MoU) is to stimulate and facilitate the development of collaborative and mutually beneficial programs which serve to enhance the intellectual life and cultural development of both the Institution/organization with the aim to contribution to increase themutual cooperation. Thus, **Career Point University, Alaniya, Kota (Raj.)** and **Agriculture (Extension), Kota Division, Kota (Raj)** will support of their mutual interests in the field of training, field demonstration and other agricultural extension activities:

About the Career Point University, Alaniya, Kota

Campus is spread over 50 acres and situated at education city Kota in the state of Rajasthan. It was established in 2012 by Rajasthan State legislature council "Career Point University Act". It is government recognized university with the right to confer degree as per Under sec 2 (f) and 22(f) of the UGC Act, 1956. Career Point University having state-of-the-art infrastructure, best academic facilities and experienced faculty and follow time-tested internationally acclaimed credit-based system. All courses of CPU are designed to provide excellent learning, requisite expertise, rewarding qualification, and practical exposure, hands-on-learning and desired skills for a successful career. The courses and course description are identical to those prescribed by all the State Agricultural University for the Under Graduate Degree Programme- B. Sc. (Hons.) Agriculture - 4 years Degree programme. The university has developed infrastructure and other facilities as per the guidelines of Vth Dean Committee of ICAR; The courses are designed for better employment opportunities both in Private and Public sector and entrepreneurship development so that the society could have better professionals in Agricultural Science. Educational programmes of this university are based on modern system of agricultural education with the objective of producing competent and practical oriented graduates to handle production and its management, in the field of agriculture and allied sciences.

Besides the other various Courses in the university, the Agriculture Stream is a major component of the Career Point University, which also looking to the importance of agriculture in Rajasthan. State Govt. approved this university to provide education in Agriculture Science vide its approved Act. No. 13 of 2012 of Schedule-II.

The two Educational Institutions will:

a) Cooperate in the exchange of information relating to their activities in extension and research in fields of mutual interests;
b) Conduct short trainings, as mutually agreed in writing between the institutions prior to commencement of this activity:
c) Conduct study tours and mutually agreed in writing between the institutions prior to commencement of this activity.
d) The aim of the Memorandum of Understanding shall be to achieve a broad balance in the respective contributions and benefits of the collaboration, and this shall be subject to periodic review by both Institutions.
e) The host institution agrees to assist in the seeking of appropriate supply work space, training, field demonstration and extension activities.

Career Point University CAREER POINT Kota

Conti..

University Campus : Alaniya, Jhalawar Road, Kota – 325 003 (Rajasthan)
Corporate Office: Career Point, CP Tower, 4th Floor, IPIA, Road No.1, Kota-324 005 (Raj.) | Ph: 0744-6630551
website: www.cpur.in | email: info@cpuniverse.in

(Established by the Government of Rajasthan Act No. 13/2012 , u/s 2(f) of the UGC Act 1956)

Scope:
The scope of collaboration on academic and extension activities in the memorandum of understanding includes the following activities: -

1. Academic and extension activities collaboration in the areas of mutual interest.
2. Exchange of academic information, scholarly information, materials and publication.
3. Exchange of faculty for academic activities like expert lectures etc.
4. Sponsorship of cooperative seminars, workshop and other academic activities.

In Particular:
The parties agree as follows:
Cooperation between the parties shall be carried out, subject to availability of resources, the approval of both parties and on the basis of mutual reciprocity, through such activities or programs as:

1. Training
2. Extension Activities
3. Field Demonstration
4. Documentation
5. Outreach programs
6. Exchange programs, Study visits
7. Any other related activities

This agreement will take effect from the date of its signing and shall be valid for five years period from that date unless sooner terminated, revoked or modified by mutual written agreement between both theinstitution/organization, and may be extended further by mutual written agreement.

Either organization may terminate the agreement at any time during the term by the provision of six months written notice to the either institution.

Signed on behalf of Career Point University, Alaniya, Kota (Rajasthan)			**Signed on behalf of Agriculture Extension, Kota Division, Kota**
Signature: 16/8/2021			Signature:
Name: Dr. S.K. Trivedi			**Name:**Dr. Ramavtar Sharma
Designation: Dean, Agriculture, SOAS, CPU, Kota			**Designation:** Joint Director,AgricultureExtension, Kota Division, Kota
Date: 16.08.2021			Date: 16-08-2021

Counter signed by witness

Signature:

Name: Dr. Monika Kanwat.
Designation: Asso. Professor.
Date: 16.8.2021.

3757 | 16/08/21

Counter signed by witness

Signature:

Name: Anil Sharma
Designation: D.D.C Stat.)
Date: 16.8.2021

CAREER POINT UNIVERSITY

कृषि विभाग राजस्थान DOA

RENEWAL OF MEMORANDUM OF UNDERSTANDING

BETWEEN CAREER POINT UNIVERSITY, KOTA (RAJASTHAN), AND AGRICULTURE EXTENSION, KOTA DIVISION, KOTA (RAJASTHAN)

This is to state that Career Point University, Alaniya, Kota (Rajasthan), and Agriculture Extension, Kota Division, Kota (Rajasthan), had earlier signed a Memorandum of Understanding (MoU) dated 16/08/2021 to promote collaboration in the areas of training, extension, field demonstrations, academic exchange, and outreach activities.

Both institutions have reviewed the activities undertaken under the said MoU and are satisfied with the progress and outcomes achieved through mutual cooperation.

All terms and conditions, scope of collaboration, and clauses of the earlier MoU shall remain unchanged and shall continue to be in force unless modified by mutual written consent of both parties.

This renewal shall be governed by the same principles of mutual cooperation, availability of resources, and prior written approval of both institutions.

In witness whereof, the authorized representatives of both institutions have signed this Renewal of Memorandum of Understanding on the date mentioned below for the next 5 years.

On behalf of
Career Point University, Kota

Name: Dr. Gunnjeet Kaur
Designation: Associate Dean, SOAS

Signature: _____
Date: 9/01/26

On behalf of
Agriculture Extension, Kota Division, Kota

Name: Dr. Atish Kumar Sharma
Designation: Joint Director, Agriculture Extension, Kota

Signature: _____
Date: 09/01/2026

(अतीश कुमार शर्मा)
संयुक्त निदेशक कृषि (विस्तार)
जिला परिषद–कोटा

Witness 1:

Name & Signature: _____

Witness 2:

Name & Signature: _____
Kota
(N.B Malav)

CAREER POINT UNIVERSITY
(Established by the Government of Rajasthan Act No. 13/2012 , u/s 2(f) of the UGC Act 1956)

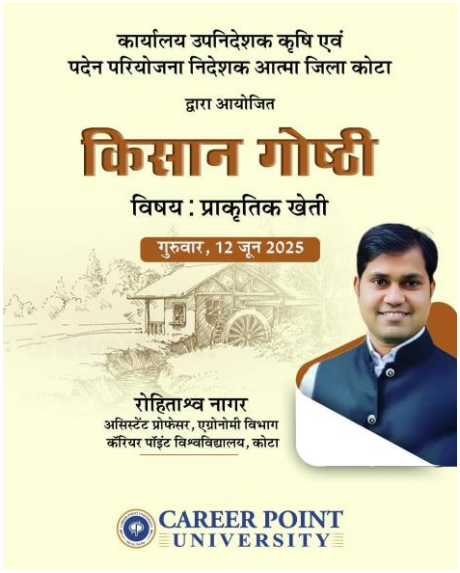
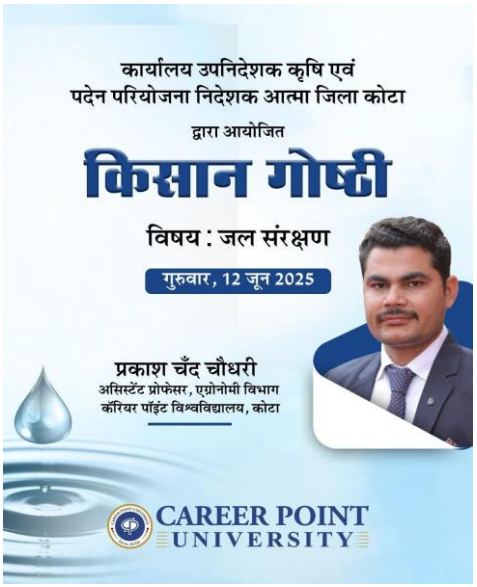
University Campus : Alaniya, Jhalawar Road, Kota – 325 003 (Rajasthan)
City Office: Career Point Limited, Ground Floor, CP Tower 1, IPIA, Road No.1, Kota-324 005 (Raj.) | Ph: +91 90791 34713
website: www.cpur.in | **email:** info@cpuniverse.in

Figure: Memorandum of Understanding (2021) and its renewal between Career Point University and Agriculture Extension, Kota Division

Annexure: Event report – Kisan Goshthi, 12 June 2025

School of Agricultural Sciences

Title	Expert Lecture at Kisan Gosti, Organized by Deputy Director, Agriculture Extension & Project Director, ATMA, Kota, Rajasthan
Date	12/06/2025
Introduction of the Event	The Kisan Gosti, organized by the Deputy Director of Agriculture Extension and Project Director of the Agricultural Technology Management Agency (ATMA) in Kota, Rajasthan, on June 12, 2025, is a vital initiative to empower farmers through knowledge exchange and capacity building. This event brings together farmers, agricultural experts, and policymakers to discuss innovative practices tailored to the region's diverse cropping systems, including wheat, soybean, and coriander. The expert lecture at this Kisan Gosti focuses on critical themes for sustainable agriculture: Kharif crop management, natural farming, water conservation, and crop insurance. These topics address the pressing needs of farmers in Kota Rajasthan, where climate variability, water scarcity, and economic risks challenge agricultural productivity. By providing actionable insights and practical solutions, the event aims to enhance farm resilience, optimize resource use, and ensure economic security for farmers in the Kharif season and beyond.
Objective of the Event	• **Promote Natural Farming**: Educate farmers on natural farming practices, emphasizing organic inputs, biodiversity, and soil health to enhance sustainability and reduce chemical dependency. • **Enhance Kharif Crop Management**: Provide knowledge on best practices for kharif crop cultivation, including seed selection, pest control, and nutrient management, to maximize yields in the monsoon season. • **Encourage Water Conservation**: Promote efficient water management techniques, such as rainwater harvesting, drip irrigation, and contour bunding, to ensure sustainable water use in water-scarce regions. • **Raise Awareness on Crop Insurance**: Inform farmers about crop insurance schemes, like Pradhan Mantri Fasal Bima Yojana, to mitigate financial risks from climate-related losses and encourage adoption.
Beneficiaries of the Event (Student/Faculty/Community etc - 25 words)	A total of 95 farmers from Ladpura Tehsil actively participated in the Kisan Gosti event.
Details of the Guests (Chief Guests, Speakers - Designation, Organization, if any please give them in Serial No)	**1. Rohitashv Nagar,** Assistant Professor, Department of Agronomy, School of Agricultural Sciences **2. Prakash Chand Choudhary,** Assistant Professor, Department of Agronomy, School of Agricultural Sciences

Brochure or creative of the event	 
Schedule of the Event	12/06/2025
Brief Description of the event	The Kisan Gosti, organized on June 12, 2025, by the Deputy Director of Agriculture Extension and Project Director of the Agricultural Technology Management Agency (ATMA) in Kota, Rajasthan, serves as a pivotal platform for empowering farmers from Ladpura Tehsil through knowledge exchange and capacity building, fostering collaboration among farmers, agricultural experts, and policymakers to promote sustainable agricultural practices tailored to the region's diverse cropping systems, including wheat, soybean, and coriander. The event features a comprehensive expert lecture led by Dr. Naresh Sharma, who provides in-depth guidance on kharif crop cultivation, with a particular focus on optimizing paddy and soybean production through best practices in seed selection, pest management, and nutrient application to maximize yields during the monsoon season. Mr. Rohitashv Nagar highlights the significance of natural farming, emphasizing organic inputs, biodiversity enhancement, and soil health preservation to reduce chemical dependency and promote long-term sustainability. Additionally, Mr. P. C. Choudhary addresses water conservation, introducing farmers to techniques such as rainwater harvesting, drip irrigation, and contour bunding to combat water scarcity and ensure efficient resource use in Kota's semi-arid climate. By delivering actionable insights and practical solutions, the Kisan Gosti aims to enhance farm resilience, improve productivity, and mitigate economic and environmental risks, ensuring sustainable agricultural development and food security for the region.

Photographs (Share 2-4 selected photographs and link of directory for remaining photos)	   
Attendance of the Event (Attach the relevant document or paste list at the end of the report)	Photo Link: Click
News Publication (If any)	
Link of CPU/Club website/ Youtube etc.	

Name and Signature of Faculty Coordinator	Name and Signature of Student Coordinator (If Applicable)
Deputy Director, Agriculture Extension & Project Director, ATMA, Kota, Rajasthan	

Career Point University, Kota is committed to the UN Sustainable Development Goals. We advance them through teaching, research, our institutional practices, and partnerships.



CAREER POINT UNIVERSITY

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