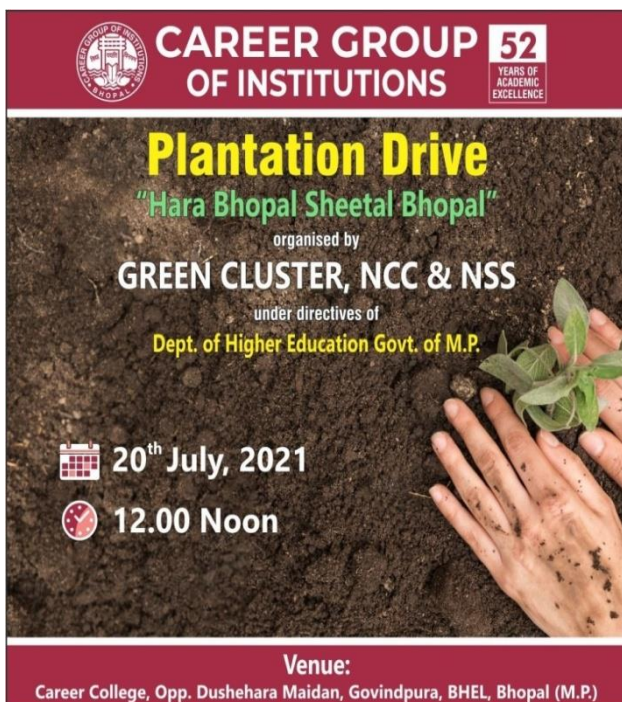


7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

Beyond the campus environmental promotional activities

Activity : Plantation Drive

Date: 20/07/21



Activity : Plantation Programme

Date: 31/08/21

Green Cluster organized a Plantation Programme under directives of Vishwa Ayurved Parishad on 31 August/21 at Career College Campus. An oath to protect trees was administered by the Principal, Dr Charanjit Kaur followed by plantation drive in the college campus. This activity was planned with the aim of making students aware ayurveda. Students learned about the importance of ayurvedic system of medicines. Faculty members from different departments and students were present.

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution



Activity : Plantation Drive

Date: 27/09/21

CAREER GROUP OF INSTITUTIONS 52 YEARS OF ACADEMIC EXCELLENCE

Plantation Drive

organised by
GREEN CLUSTER, NCC & NSS
In association with
Guru Ravidas Vishwa Mahapeeth

जन हितार्थ एक पहल
पेड़ लगाओ
आक्सीजन बचाओ

27th Sept, 2021
12.00 Noon

Venue:
Career College Campus
Opp. Dushehara Maidan, Govindpura, BHEL, Bhopal (M.P.)




7.1.6 Quality audits on environment and energy are regularly undertaken by the institution



Activity : National Webinar on IPR in Green Technologies for Climate Change Mitigation

Date: 04/12/21




A+
Grade By
NAAC



CAREER COLLEGE
Govindpura, BHEL, Bhopal (M.P.) India

52
YEARS OF
ACADEMIC
EXCELLENCE

Department of Botany
organizes
NATIONAL WEBINAR
on
**IPR in Green Technologies for
Climate Change Mitigation**



Dr. Rosmy Joan
Assistant professor
National Law University, Jodhpur

 **4th Dec 2021**  **12:00 noon to 1:00 pm**

Career College, Bhopal
Department of Botany (2022-23)
Attendance of Guest Lecture on National Webinar on Green Technologies for Climate

Attendee Details	User Name (OriginalName)	First Name	LastName	Email
No	Surya Prakash	Surya Prakash	Sharma	suryaparakashsharma126@gmail.com
No	Sanovar	Sanovar	Qureshi	qureshisanover@gmail.com
Yes	Omjaymanikpuri	Omjay	manikpuri	omjay_manikpur1888@gmail.com
No	Anjali	Anjali	Priya	anjaliPriya1506@gmail.com
Yes	Namrata Kasir	Namrata	Kasir	namrata_kasir@gmail.com
No	Rajneesh	Rajneesh	Tiwari	rajneeshp@gmail.com
No	Diptee	Diptee	Pandey	DipteeTiwar11996@gmail.com
Yes	Arpita Tiwari	Arpita	Tiwari	mishraarpita496@gmail.com
No	WAGAR	WAGAR	YOUNIS	waqaryounis2325@gmail.com
No	Jigmat	Jigmat	Yangchan	jigmat21@gmail.com
Yes	JanhaviShandilya	Janhavi	Shandilya	janhavi2k18@gmail.com
Yes	RahulPratapati	Rahul	Pratapati	rahulpratapati0318@gmail.com
Yes	Prafull Akhande	Prafull	Akhande	prafullakhande51@gmail.com
No	Sushmita	Sushmita	Roy	sush20112002@gmail.com
No	Prachi	Prachi	Yaduwanshi	prachiyaduwanshi7@gmail.com
Yes	Amrita Shah	Amrita	Shah	shahamrita72@gmail.com
Yes	DeepakPandit	Deepak	Pandit	pandit732@gmail.com
No	Aarti	Aarti	panthi	aartipanthi777@gmail.com
Yes	MuskanJaiswal	Muskan	Jaiswal	muskansaritajaiswal@gmail.com
Yes	Deeksha Vijayvargiya	Deeksha	Vijayvargiya	vijayvargiyadeeksha@gmail.com
No	Raj	Raj	Rajak	rajrajraj41@gmail.com
Yes	AyushiDhari	Ayushi	Dhari	dhariayush132@gmail.com
Yes	realme C2pi	realme	C2pi	kalyaniparihar0@gmail.com
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Yes	Aryavrat Singh	Aryavrat	Singh	chandel2004as@gmail.com
Yes	VarshaLodhi	Varsha	Lodhi	Varshalodhi5222@gmail.com
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Yes	Shraddha Bhakorlya	Shraddha	Bhakorlya	Bhakorlyashraddha@gmail.com
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Yes	Neha Pal	Neha	Pal	dmjneha2002@gmail.com
Yes	Harsha Kemiya	Harsha	Kemiya	harshakemiya@gmail.com
Yes	Amisha Kerketta	Amisha	Kerketta	amishakerketa02@gmail.com
Yes	NidhiTripathi	Nidhi	Tripathi	nidhibiochemisty@gmail.com
Yes	Dr. Preeti Chandurkar	Dr. Preeti	Chandurkar	biotechnologypreeti@gmail.com
Yes	Niketa Persai	Niketa	Persai	Persainiketa@gmail.com

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

Career College Bhopal

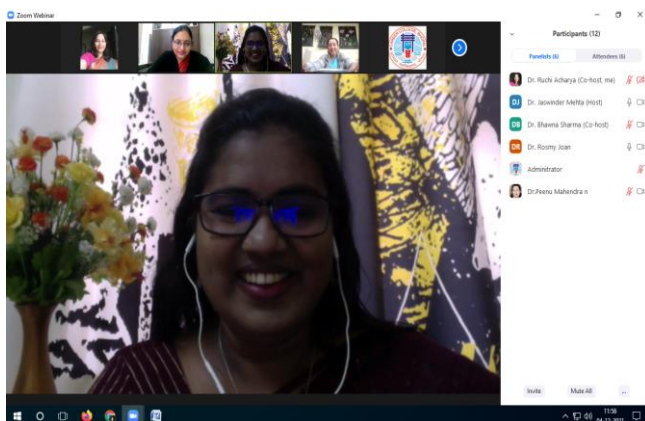
Department of Botany

Session 21-22

Report on National Webinar on Green Technologies for Climate Change Mitigation

Department of Botany has organized National Webinar on IPR in Green Technologies for Climate Change Mitigation. Resource Person for the webinar was Dr. Rosmy Joan, Assistant Professor, National Law University, Jodhpur. She very effectively explained about Green Technologies and Intellectual Property Rights.

All the faculty members as well as many students attended this interesting webinar.



Activity: Ankur Abhiyaan

Date: 03/03/22

Plantation cum Awareness Programme under directives of Govt. of M.P was organized on 03 March /22. An oath to protect trees was administered by the Principal, Dr Charanjit Kaur followed by plantation drive in the college campus. This activity was planned with the aim of making students aware. Students learned about the importance of plantation. Faculty members from different departments and students were present.



7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

Activity: "The Swachh Bharat Campaign" A Positive move

Date: 12/03/22

Under compliance of Prime Minister "Swachh Bharat Campaign", and to contribute in the national mission for environment protection and cleanliness, Career Group of Institutions has adopted Joggers Park in Alkapuri Area Bhopal. Approx 25 students clean Joggers Park once a month and beautify it. With the motto of 'Clean India Green India' Cleanliness Campaigns were organized every month at Joggers Park and also at our College Campus.



7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

Award Received



7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

Energy Audit

मध्यप्रदेश ऊर्जा विकास निगम लिमिटेड (राज्य शासन का उपक्रम) (ISO 9001:2008 प्रमाणित)



क्र. एफ/ऊविनि/2021/ईएमसी/03-42/10228

दिनांक : 18/01/2022

प्रति,

प्राचार्य,
कैरियर कॉलेज,
सेक्टर-ए, भेल चौराहा, दशहरा मैदान के सामने,
गोविन्दपुरा, भोपाल (म.प्र.)

विषय : कैरियर कॉलेज, भोपाल परिसर में ऊर्जा अंकेक्षण बाबत।

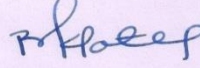
संदर्भ : (1) MPUVNL Work Order No. F/UVN/2021/EMC/03-42/5029, Dated 25.08.2021.

(2) निगम का पत्र क्रं.-एफ/ऊविनि/2021/ईएमसी/03-42/9688, दिनांक 14.12.2021।

विषयांतर्गत लेख है कि, संदर्भित कार्यादेश के अंतर्गत मेसर्स सेल्स इंडिया सेल्स कोर्पोरेशन, इंदौर द्वारा कैरियर कॉलेज, भोपाल परिसर में ऊर्जा अंकेक्षण का कार्य किया गया है एवं रिपोर्ट की प्रति प्राचार्य, कैरियर कॉलेज, भोपाल की ओर अग्रेषित की थी, तथापि आपके द्वारा चाही गई रिपोर्ट की एक प्रति पुनः संलग्न है।

इस संबंध में आपसे अनुरोध है कि रिपोर्ट में दिये गये ऊर्जा संरक्षण की सुझावों के क्रियान्वयन हेतु एक चरणबद्ध एक्शन प्लान बनाया जाये। इस संबंध में जानकारी या सहयोग के लिए ऊर्जा विकास निगम से समन्वय किया जा सकता है। रिपोर्ट की Acceptance अधोहस्ताक्षरकर्ता की ओर सात दिवसों में प्रेषित करने का कष्ट करें।

धन्यवाद


(भुवनेश कुमार पटेल)
मुख्य अभियंता

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

Environment Audit

CAREER COLLEGE

Opp. Dussehra Maidan, Govindpura, BHEL, Bhopal (M.P.)
E-mail: info@careercollegeindia.com Web: www.careercollegeindia.com

Environment Audit

Yogesh Jain, Lead Auditor ISO 14001

(M.S. – Consultancy Management – BITS Pilani, M. Tech. Futures Studies & Planning-DA University, Indore, B.E. (Mech.), Vikram University, Ujjain)

- Campus location:** Career College is located in BHEL catchment area away from city hustle. Management has provided the college with lush green lawns and plantation. The air is pollution free as there is no significant polluting industry or habitat nearby.

- Heads under which environmentally sensitive resources are used:

S. No.	Source & environmental element	Used at / for	Possible impact on environment of waste water
1	Water from bore well / BHEL mains	a. Drinking (Treated through R.O.)	Nil
		b. Convenience – toilets, hand / face wash	Goes to STP(Sewage Treatment Plant) where soap water with biological tissues from face or cough etc. gets treated
		c. Housekeeping – mopping	Minuscule water quantity which also goes to STP (Sewage Treatment Plant).
		d. Gardening	If pest control chemicals are used heavily – water used for gardening goes to contaminate underground water. Care is therefore taken to use compost made from leaves, canteen bio waste. Vermi pit has been developed in college campus and vermin compost is used for garden
		e. Use in laboratories	Waste water with chemicals and pathogenic microorganisms goes to ETP (Effluent Treatment Plant)
2	Microbiology/Biotechnology/ Biochemistry/Pathology and Chemistry Lab	Media	Waste containing various micro-organisms are treated first in the lab by autoclaving and then disposed off in the hospital biomedical waste container from where it is consigned to biomedical waste agency. (Contracted with the hospital).
3	Canteen	Solid Waste	Extra food product, left over, waste paper and foliage are collected and sent to Vermi-pit.
		Liquid Waste	Utensils are washed and waste water is sent to STP.
4	Hospital	Solid Waste	Refused plastic packing material is collected and sold to recyclers
			Metal foils, containers are sold as metal – duly segregated like aluminum, iron and others
			Bio-medical waste from dressing, surgeries, etc. are given to authorized agency for disposition
		Liquid Waste	Waste from operation Theatre and Laundry goes to STP (Sewage Treatment Plant) and ETP (Effluent Treatment Plant)
			Liquid Effluent other than OT and laundry goes to STP (Sewage Treatment Plant)
5	Gardening	Solid waste from tree droppings and lawn like leaves, etc.	Consigned for making Vermi compost – rich and beneficial to environment – as it substitutes chemical fertilizer

Yogesh Jain

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

3. Practices adopted at Career College:

- a) **Practice for general waste:** for The waste is segregated at source by providing separate dust bins for Biodegradable (Green) and Plastic waste (Red) - Recyclable.
- b) **Safe Disposition of Laboratory waste:** The laboratory waste including culture plates, media, contaminated samples and chemicals are first sanitized in isolated autoclaves separate from regular preparation autoclaves and disposed off in black polythenes in the hospital waste bins from where it is consigned to biomedical waste agency.
- c) **Waste Recycle:** Sewage treatment plant of 100 KLD based on advanced moving bed bio film reactor (MBBR) Modular Technology and Based on MSFRP is installed in campus. The system is designed to control various parameters such as PH, total dissolved solids, biological oxygen demands, chemical oxygen demand, total suspended solids and oil/grease etc. The system is designed to treat sewage water of College, Hostel, Canteen and Hospital. Recovered water from this STP is used for gardening.
- d) **Waste Reuse:** Waste cloths are sent out for wash and for reuse where possible.
- e) **Use of Renewable Energy:** Solar water heating system is installed in the hostel and hospital. Since 2004 college is using solar water heater which caters to the need of hot water in girl's Hostel and Hospital.
- f) **Rain Water Harvesting System** is installed in College Campus
- g) **E-Waste Disposition:** Have contract with service provider 'Unique Eco Recycle' service provider (MPs first e-waste recycle plant) for electronic equipment maintenance agency to lift used / rejected electronic items like monitors, printing cartridges, mother-boards, etc. Contract specifies that the agency is responsible for disposing the same as per e-waste norms by giving it to authorized e-waste recycler / processor.
- h) **Controlling Electricity Consumption:** College has many electronic items such as computers, instruments etc. College has power-saving features on computers. There is a rule that each electronic item should be unplugged when it is not in use because appliances still draw current, even when switched off. It is instructed to all the faculties and students to switch off the light and fans when not required. College has started replacing conventional lamps and tube lights with energy efficient CFLs / LEDs.

4. Environmental Awareness Program:

- As part of social and environmental responsibility, Career Institutions conduct various 'environmental awareness programs' such as seminars, slogan writing competitions, debates, guest lectures and celebration of important days like 'Ozone Layer Preservation Day', World Forest Day' and 'World Environment Day' etc from time to time.

Yogesh

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution

- Career College has 'Green Cluster' which is club of students and faculties involved in environmental awareness activities and programmes.
 - Career College lays lot of emphasis on Plantation. Every year Green Cluster carries out plantation in collaboration with CPA (Capital Project Administration).
 - Career College has adopted one park (Joggers Park) situated in Alka Puri Colony of Bhopal which is developed and maintained by faculty members and students.
 - Cleanliness campaigns are organized at regular intervals.
 - College has developed one nursery of plants which is maintained by 'Green Cluster'. Instead of flours the saplings which are developed in nursery are given to guests, academicians, eminent, subject experts and also to alumni who visited the College during alumni meet.
 - In the University Curriculum, EVS is a compulsory subject for all second year students in all streams.
- a) Air Pollution- its causes, effects & installation of various devices that reduces the air pollution.
 - b) Water Pollution- its causes, effects & various methods to prevent it
 - c) Sound Pollution- its causes, effects & installed equipments that reduces it.
 - d) Noise Pollution- its effects on surroundings.
 - e) Environment Laws

5. **Conclusion:** I- Certified Lead Auditor for ISO 14001:2015 and also having a subject of Environment Impact Assessment in my M.Tech. Studies - have conducted Green Audit of Career College. I have found that college is meeting its environmental obligation in its limited operations which may affect environment in any adverse way and is promoting environment through awareness, plantation and up-keeping it.



Yogesh Jain
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15-04-2022