Department of Environmental Studies

Academic Audit 2023-25

Bharati College, University of Delhi





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Future Plan



Vision

Introduce the Department. Provide a quick background and rationale. Briefly share its overall scope as well as expected outcomes.

01 Aims to foster environmental awareness, education and action towards sustainability.

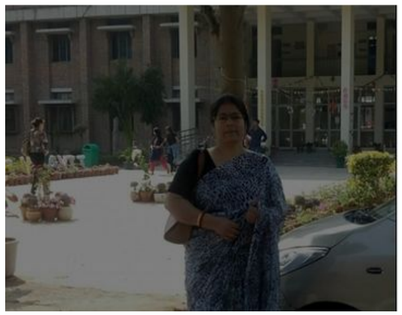
02 To develop skill, knowledge and changing attitude towards mindful consumption and conservation

03 Providing scientific and practical understanding of Natural systems and challenges to make environmentally conscious citizens

04 Encouraging values and ethics that support environmental conservation.

To help the learners to protect the environment at any cost

Total faculties(2)



Priyambada Patri

Assistant Professor (Environmental Studies)

priyambada.patri@bharati.du.ac.in

– Ph. D, M.Phil, M.Sc

Specialization in Microbial ecology, Limnology, Wastewater treatment by Aquaculture, Bioremediation



Rashmi Kumari

Assistant Professor (Environmental Studies)

rashmi.kumari@bharati.du.ac.in

– Ph. D, M.Sc

Specialization in Renewable Energy

H-index of the Department

Students Intake= 1100-1500

Program/course

	I st sem	IInd sem	IIIrd sem	IV sem
Courses	B Com Hons B Com Prog BA Hons. Hindi BA Hons. Sanskrit BA Hons Journalism BA Hons. Sociology	BA Hons. English BA Hons. Political Science BA Hons History BA Hons Psychology B SC Hons. Mathematics BA programme	B Com Hons B Com Prog BA Hons. Hindi BA Hons. Sanskrit BA Hons Journalism BA Hons. Sociology	BA Hons. English BA Hons. Political Science BA Hons History BA Hons Psychology B SC Hons. Mathematics BA programme
Total	**550 approx**	**550 approx**	**550 approx**	**550 approx**
Teacher Student Ratio	1/275	1/275	1/275	1/275

Number of Research Scholars who have obtained Master degree from other Univ: NA

Number of Research Scholars receiving fellowships viz., NET-JRF,NFST, Project Fellows, UGC- MZU Fellows, any other: NA

Number of students qualifying in state/ national/ international level examinations: NA

NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ Civil services/State government examinations): NA

Number of outgoing students placed during the year: NA

Number of awards received by students: NA

Students Progression to Higher Studies: NA

Syllabus revision: Yes CBCS to UGCF

The National Education Policy (NEP)underlines the importance of making environmental education an integral part of Curricula and encouraging environmental awareness and sensitivity towards its conservation and sustainable development. It also advocates the attainment of holistic and multidisciplinary education through flexible and innovative curricula to sensitise the students of diverse disciplinary backgrounds and to sensitize them about the commitment of our Nation towards achieving SDG goals and addressing global environmental challenges. The syllabus of Environmental Science-Theory into Practice is designed as a 2 credit course in one semester of first and second years.

SUBJECT OFFERED-AEC

Ist semester

AEC-Environmental Science-Theory into Practice-I

IInd Semester

AEC-Environmental Science-Theory into Practice-I



IIIrd Semester

AEC-Environmental Science-Theory into Practice-II

IV Semester

AEC-Environmental Science-Theory into Practice-II

Courses	Total Strength	Admission Taken	Courses	Total Strength	Admission taken
BA Prog	305		**BA Sociology**	72	
BA English	97		**BSC Mathematics**	72	
BA Hindi	96		**B Com Hons**	190	
BA Sanskrit	94		**B Com Prog**	243	
BA History	98				
BA Pol Science	98				
BA Journalism	72		Total	1526	
BA Psychology	72				

FACULTY PROFILE

NAME	DATE OF JOINING	HIGHEST DEGREE	SPECIALISATION	TOTAL EXPERIENCE	NO OF RESEARCH PAPER PUBLISHED	H-INDEX	ORCHID ID/GOOGLE SCHOLAR	NO OF BOOK PUBLISHED	VIDWAN ID
Dr Priyambada Patri	07/01/2015	PhD	**Microbial ecology, Fishery Biology, Wastewater Treatment by Aquaculture**	11	9	39	0009-0000-4764-64	1	https://vidwan.inflibnet.ac.in/profile/519316
Dr Rashmi Kumari	01/08/2015	PhD	**Renewable Energy**	11	10	16	0009-0007-6793-8465		https://vidwan.inflibnet.ac.in/profile/520087



Resource mobilisation

Collaborate the programmes with Delhi Government, NMNH, MoEFCC CMS Vatavaran and other NGO

Other funds generated=0

Externally funded Conference/Workshop/Event=0

Research Project= 0





TOTAL PUBLICATION

2023-2025

ournals = 0

Book = 0

Other Publication = 0

Activities

Academic talk

Seminar on waste management on occassion of Green Consumer Day

30 days Environmental Challenge with National Edu Trust of India

Movie Screening on Water Crisis, Climate Change

Vrikshya Rakhya Bandhan

Participated International Film festival by CMS Vatavaran

Poster making/Rangoli competition

Presentation

Ecofriendly practices

Group Discussion

Photography

Green Quiz

Extempore speech

Plantation





Activities Organised with Palaash-The Ecoclub



Street play

Cleanliness drive

Plantation Drive

Mass Awareness Program on Vehicular Pollution, Mission LiFE

Rally

Exposure visit to Biodiversity Park, Jahanpanah Forest, Aravali Biodiversity Park

Workshop on solution to Plastic Pollution

Study Trip to Chandu Budhera Water Treatment Plant

Save Yamuna Campaign

Best out of Waste

Poster making

Quiz

30-days Environmental Challenge

CONFERENCE/SEMINAR/TRAINING

Attended by Dr. Vandana Tripathi

5th and 6th International Conference on Sustainability Education , 2023, 2024,

8th India Water Week, 17-20, Sept, 2024

International Conference on Sustainability Education 2023 at India Habitat Centre from 19-20th September, 2023

World Sustainable Development Summit, 2023, 2024, 2025

International

AI and Google Tools in Education

FIP for faculty of Univ/colleges (2-31st December, 2023)

NEP Orientation and Sensitisation Programme

Waste Characterisation and quantification by CSE (22-24 May, 2024)

Sujalam-II: Clear solutions: Resource recovery from reclaimed Water on 25/7/2024

important to establish the science of climate change 'Climate policies and politics' on 26/9/24

NDTV World Summit on 21-22, Oct, 2024

Capacity Building Programme for Climate Smart Governance Immersive Learning Workshop By IIPA on 25/02/25

Delhi Youth For Climate Summit: Participated on 10th & 11th August 2023

Learning Conclave -Planning water conservation for climate -resilient cities (23/2/24)

Online Programme on Green Skills and Gender Equity on 6/3/2025 by CMS Vatavaran

'Society and Sustainability for vision Viksit Bharat@2047' pon 31/01/2025

National

AWARDS/RECOGNITION



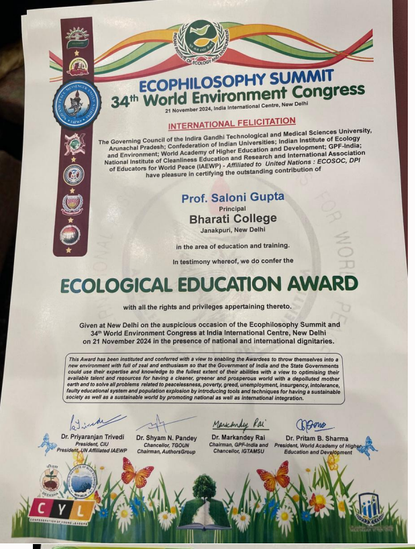
Ecofriendly College Campus Award by National Edu Trust of India

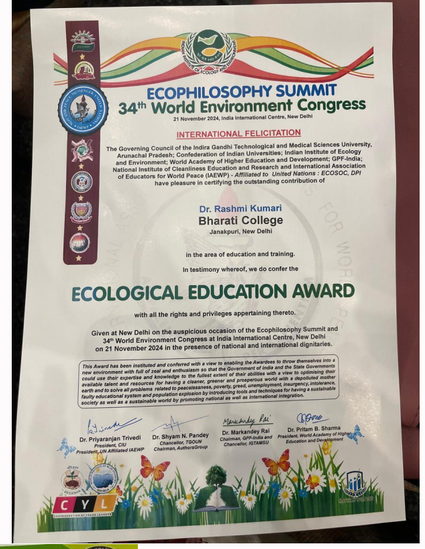
Zero waste Campus by MCD, Delhi

GREEN GUIDE AWARD BY NATIONAL EDU TRUST OF INDIA

Green Ambassador Certificate to 30 Students by National Edu Trust of India

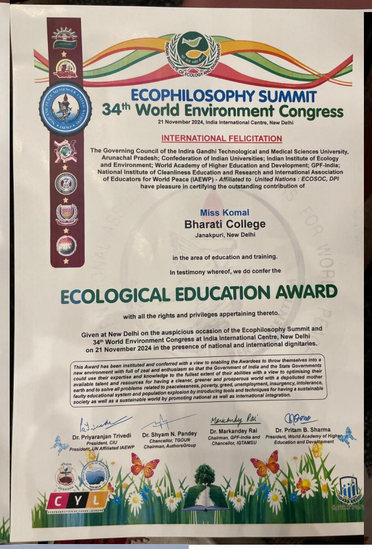
Ecological Education Award, 2022-24 at Ecophilosophical Summit, 2022, 2023 and 2024


ECOPHILOSOPHY SUMMIT
34th World Environment Congress
21 November 2024, India International Centre, New Delhi
INTERNATIONAL FELICITATION
Prof. Saloni Gupta
Principal
Bharati College
Janakpuri, New Delhi
in the area of education and training.
In testimony whereof, we do confer the
ECOLOGICAL EDUCATION AWARD
with all the rights and privileges appertaining thereto.
Given at New Delhi on the auspicious occasion of the Ecophilosophy Summit and 34th World Environment Congress at India International Centre, New Delhi on 21 November 2024 in the presence of national and international dignitaries.
Dr. Priyaranjan Trivedi
Dr. Shyam N. Pandey
Dr. Markandey Rai
Dr. Pritam B. Sharma


ECOPHILOSOPHY SUMMIT
34th World Environment Congress
21 November 2024, India International Centre, New Delhi
INTERNATIONAL FELICITATION
Dr. Rashmi Kumari
Bharati College
Janakpuri, New Delhi
in the area of education and training.
In testimony whereof, we do confer the
ECOLOGICAL EDUCATION AWARD
with all the rights and privileges appertaining thereto.
Given at New Delhi on the auspicious occasion of the Ecophilosophy Summit and 34th World Environment Congress at India International Centre, New Delhi on 21 November 2024 in the presence of national and international dignitaries.


National EduTrust of India
Registered under Ministry of Micro, Small and Medium Enterprises, Government of India (UDYAM-CH-01-0039500)
ECO-FRIENDLY COLLEGE CERTIFICATE
This is to certify that
Bharati College
University of Delhi
has successfully completed the 30-Day Environment Challenge and has shown outstanding dedication to advancing environmental sustainability. Through active participation, the college has made significant strides in fostering a greener and more sustainable campus environment. The collective efforts of the Principal, Nodal Officer, Faculty, and Students in adopting eco-friendly practices have earned the college recognition as a distinguished Eco-Friendly Institution.
Deepika Bakshi
Director, NEI
Mr. Samarth Sharma
Chief Executive Officer
Date of Issue:12.09.2024
Certificate No: NEI/1029


ECOPHILOSOPHY SUMMIT
34th World Environment Congress
21 November 2024, India International Centre, New Delhi
INTERNATIONAL FELICITATION
Dr. Priyambada Patri
Bharati College
Janakpuri, New Delhi
in the area of education and training.
In testimony whereof, we do confer the
ECOLOGICAL EDUCATION AWARD
with all the rights and privileges appertaining thereto.
Given at New Delhi on the auspicious occasion of the Ecophilosophy Summit and 34th World Environment Congress at India International Centre, New Delhi on 21 November 2024 in the presence of national and international dignitaries.


ECOPHILOSOPHY SUMMIT
34th World Environment Congress
21 November 2024, India International Centre, New Delhi
INTERNATIONAL FELICITATION
Miss Komal
Bharati College
Janakpuri, New Delhi
in the area of education and training.
In testimony whereof, we do confer the
ECOLOGICAL EDUCATION AWARD
with all the rights and privileges appertaining thereto.
Given at New Delhi on the auspicious occasion of the Ecophilosophy Summit and 34th World Environment Congress at India International Centre, New Delhi on 21 November 2024 in the presence of national and international dignitaries.


ECOPHILOSOPHY SUMMIT
34th World Environment Congress
21 November 2024, India International Centre, New Delhi
INTERNATIONAL FELICITATION
Miss Pari Gupta
Bharati College
Janakpuri, New Delhi
in the area of education and training.
In testimony whereof, we do confer the
ECOLOGICAL EDUCATION AWARD
with all the rights and privileges appertaining thereto.
Given at New Delhi on the auspicious occasion of the Ecophilosophy Summit and 34th World Environment Congress at India International Centre, New Delhi on 21 November 2024 in the presence of national and international dignitaries.


आजादी का अमृत महोत्सव
सहभागिता कॉलोनियों का सम्मान समारोह–2023
स्वच्छता चैम्पियन
(एन.जी.ओ./ वीड.ब्ल्यू.जी./ आर केंद/ व्यक्तिगत)
श्री सलोनी गुप्ता , प्रोफेसर , भारती कॉलेज,जनकपुरी , वेस्ट जोन
को कचरा प्रबंधन के रख–रखाव के प्रयासों के लिए सम्मानित किया जाता है।
साक्षी मित्तल, आई.ए.एस.
अति. आयुक्त
ज्ञानेश भारती, आई.ए.एस
आयुक्त
दिल्ली नगर निगम


MCD 100 Days To Beat Plastic 2.0 Awards 2024
Zero Waste Institution Certificate is Given to
BHARTI COLLEGE
For complete waste management, in - situ composting and reducing footprint
Ms. Sakshi Mittal, IAS
Addl. Commissioner, MCD
Sh. Gyanesh Bharti, IAS
Commissioner, MCD
MUNICIPAL CORPORATION OF DELHI


GPS Map Camera
Delhi, Delhi, India
A-353, Minto Road Complex, SKD Basti, Press Enclave, Savitri Nagar, Delhi, 110002, India
Lat 28.640399°
Long 77.227605°
05/06/23 05:20 PM GMT +05:30
Google


Wetlands for LiFE
FILM FESTIVAL & FORUM
12th CMS vatavaran
NEW DELHI, INDIA | OCTOBER 3–5 2024
Certificate of Participation
This certifies that NANDANA S RAJ
has actively participated in the Wetlands for LiFE & 12th CMS VATAVARAN International Film Festival and Forum held from October 3 to 5, 2024, in Indira Paryavaran Bhawan (MoEFCC), New Delhi.
We commend your dedication and commitment to fostering environmental awareness through your engagement in this significant festival.
www.cmsvatavaran.org


Wetlands for LiFE
FILM FESTIVAL & FORUM
12th CMS vatavaran
NEW DELHI, INDIA | OCTOBER 3–5 2024
Certificate of Participation
This certifies that NEHA FATHIMA CH
has actively participated in the Wetlands for LiFE & 12th CMS VATAVARAN International Film Festival and Forum held from October 3 to 5, 2024, in Indira Paryavaran Bhawan (MoEFCC), New Delhi.
We commend your dedication and commitment to fostering environmental awareness through your engagement in this significant festival.



National EduTrust of India

Registered under Ministry of Micro, Small and Medium Enterprises, Government of India (UDYAM-CH-01-0039500)

GREEN GUIDE CERTIFICATE

This certificate is proudly awarded to **Dr Priyambada Patri (Nodal Officer) Bharati College University of Delhi** in recognition of your exemplary guidance and unwavering support during the 30-Day Environment Challenge. Your dedication has been instrumental in fostering environmental consciousness and motivating participants to achieve their sustainability goals. Through your efforts, the college has successfully completed the challenge, setting a standard for environmental stewardship and commitment.

Deepika Bakshi

Director, NEI

Mr. Samarth Sharma
Chief Executive Officer

Date of Issue: 12.09.2024
Certificate No: NEI/3036

National EduTrust of India

(Registered under Ministry of Micro, Small and Medium Enterprises, Government of India (UDYAM-CH-01-0039500)

Certificate of Appreciation

This is to certify that **Bharati College, University of Delhi** has actively participated in the Vriksh Raksha Bandhan initiative organized by the National Edutrust of India. The college engagement in tying Rakhi on trees highlights its commitment to environmental conservation and community involvement.

This activity was made possible due to the extraordinary leadership of Principal **Prof. Saloni Gupta,** the dedicated efforts of **Dr Priyambada Patri** Nodal Officer, supportive faculty members, and the enthusiastic participation of students.

Mr. Samarth Sharma
Chief Executive Officer

Certificate No: NEI/VRB/8179
Date of Issue:19.08.2024

Innovative Teaching Pedagogy

Problem-based learning

01

Project-based learning

02

Experiential learning through field visit, hands-on activities, Field work, Sustainability projects

03

Technological Integration

04

Partnering with communities and civic engagement-Each one teach 10 for Climate Action



Weakness

Handling of a large group for practicals with minimum workload

Teacher/Student Ratio = 1/550

	Less than 50%	*More than 75%*	*Interested for Outdoor activities*
Students Active participation			
Students' access to internet and technology			
Scientific temperament			

Future Plan

Academic excellence, imbibe the environmental values, holistic development and to make environmentally responsible sensitive students

Sustainability education aligning with SDG-2030

Hands-on Conservation efforts in Collaboration with NGOs

Interns on Sustainability Project

Publication of Guide books to handle environmental challenges

Observation of the Last Academic Audit

MoU with Indian Renewable Energy Development Authority will be held shortly for Solar Energy and other avenues

Weakness

Faculty members have not been actively involved in undertaking environment related projects or research endeavours

Challenging to handle around 600 students with their Assignments, project works, Practicals, Field visit, Continous Assessment, Practical exam and evaluation of End-term examination paper .

Suggestions

Establish partnerships with research Institutions and environmental organisations to leverage expertise, resources and networks for collaborative Projects and initiatives



THANK YOU

Dr Priyambada Patri



+9868604256

priyambada.patri@bharati.du.ac.in

Certificate

— OF APPRECIATION —

OF APPRECIATION

This is to certify that Prof./Dr./Ms./Mr. Rajyashree Patri of Bharati College, University of Delhi has participated in the ICSSR sponsored National Seminar on "Society and Sustainability for Vision Viksit Bharat@2047: Addressing Socio-Economic and Environmental Challenges in the North East Region of India" organised by Bharati College, University of Delhi on 31 January 2025.

She/He presented a paper/chaired the session titled

"Understanding Eco-Based Solutions for Climate Resilience Sustainability in North Eastern States of India"

Prof. (Dr.) Saloni Gupta
(Principal)

Prof. (Dr.) Mala Rani
(Seminar Convenor)

Certificate of Participation

This certifies that

Dr Priyanka Patre

Bharati College, University of Delhi

Has actively participated in the online programme on

"**Green Skills & Gender Equity in Conservation: Bridging Knowledge Gaps**"

Organized by **CMS VATAVARAN** in collaboration with the

IUCN CEC South & Southeast Asia .

Held on **March 06, 2025**, this expert-led session explored women's roles in conservation, digital education gaps, and green skills.
We value the participant's engagement in this discussion.



Ms Vasanti Rao,
Director General,
CMS & Co-Chair,
IUCN CEC,
South & Southeast Asia