

REPORT ON THE ACADEMIC AUDIT

(Academic Year August 2021 – July 2022 and August 2022 – July 2023)

**Department of Environmental Studies
Bharati College
University of Delhi**

- 1. Name of the Department : Environmental Studies**
- 2. Vision of the Department : To make environmentally informed citizen**
- 3. Department received UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions- No**
- 4. Intake capacity (Program wise): All Courses as a compulsory course**

5. No. of applications received Program wise:

Name of Program	No of Application received
All applicants of all Departments	All

6. Overall Demand Ratio: Compulsory Course for all students

7. Student enrollment (Program wise): NA

8. No. of students graduating (Program wise) : NA

9. Number of classrooms and seminar halls with ICT facilities:43

10. Total number of computers available for students:200

11. No.of Research Scholars who have obtained Master degree from other Univ: NA

12. No. of Research Scholars receiving fellowships viz., NET-JRF, NFST, Project Fellows, UGC- MZU Fellows, any other: NA

**13. Number of students qualifying in state/ national/ international level examinations: NA
NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ Civil services/State government examinations): NA**

14. Number of outgoing students placed during the year: NA

15. No. of awards received by students (Other than Sl. No. 12):NA

16. Students Progression to Higher Studies (Numbers only): NA

17.Syllabus revision (Major/Minor):

The National Education Policy (NEP) 2020 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.

18. Faculty strength and specialization.

SI No	Name	Designation	Qualification	Specialization	No of MPhil/PhD supervised
1	Dr Priyambada Patri	Asstant Professor	PhD	Wastewater treatment by Aquaculture	No
2	Dr Rashmi Kumari	Assistant professor	PhD	Environmental Science: Renewable energy	No

19. Research Publications in the Journals notified on UGC website during the year 2021-23 - NA

20. Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

NA

21. Teacher : Student Ratio : 2:1500 (1:750)

22. Teacher : Research Scholar Ratio :NA

23. Success Rate of Students (Program wise): NA

24. Revenue generated from corporate training by the Department (if any) during the year: No

25. Revenue generated from Consultancy by the Department (if any) during the year: No

26. Research funds sanctioned and received from various agencies, industry and other organisations: No

27. E-Contents developed : No

(i) For e-PG-Pathshala

(ii) For CEC (Under Graduate)

(iii) For SWAYAM

(iv) For other MOOCs platform

(v) For NPTEL/NMEICT/any other Government Initiatives

(vi) For Institutional LMS Mode of evaluation (class test/home assignment/student seminar/quiz etc):

28. Student Mentoring (mentor-wise list with mentee):

Name of the Mentor	No of Mentees
Dr Priyambada Patri	45
Dr Rashmi Kumari	43

29. Number of teachers who received national/ international fellowship/financial support by various agencies for advanced studies / research: NA

30. Number of Patents filed/published/awarded:

31. Details of seminar/symposia/conference/refresher course/training programmes/Webinars organized during the year: NA

32. (a) No of foreign collaborations either in the form of publications/research: NO

(b) No of collaborations with other national institutions:

Dr Rashmi Kumari

Coordinator/mentor for international collaboration with Portugal to work on Air Pollution through YRE from December 2021- April 2022

33. Details of alumni of the Department with their present employment: NA

34. No. of Functional MoUs: No

35. SWOC Analysis

A. Strength:

- (i) Highly qualified faculties**
- (ii) Experienced teacher**

B. Weaknesses:

- (i) High student teacher ratio**
- (ii) No grants for exposure visit**
- (iii) Paucity of resources and time to do substantial contribution for society through outreach programme, project work, etc.**

C. Opportunities:

(i) To mould the youth for making a sustainable earth.

(ii) Use of print media, social media and experiential learning for lifelong learning

D. Challenges:

(i) To handle a big class size for practical and field visits

(ii) Comprehensive syllabus

36. Any other information, which is not covered above:

Department is involved to organised following activities -

- **Many sensitization programmes for all the students.**
- **Field visit/academic tour**
- **Plantation drive**
- **Cleanliness drive**

Dr Rashmi Kumari

Worked as a reviewer to check Jammu and Kashmir public service commission exam paper from 7/11/2022 to 14/11/2022

Worked as an expert for confidential work of Jammu and Kashmir public service commission related to environmental science from 15/05/2023 to 20/05/2023.

Awarded certificate of excellence in reviewing for Asian Journal of soil science and plant nutrition of an outstanding contribution to the quality of the Journal in 2021

Selected as a BEST MENTOR for YRE (Young reporter for Environment) for the academic year 2021

Coordinator of Tide UNEP Turners Plastic Challenge 2022 from May 2022 to September 2022

Coordinator for WWF projects (ECHO) with students of Bharati College, University of Delhi from September 2020 to October 2021.

37. Suggested Road map keeping students' interest in the core and to ensure better visibility:

- **Academic excellence:**

Develop understanding for the consequences of human actions on the web of life, global economy and quality of human life

Imbibe the environmental values by developing critical thinking for conservation of Environment

Holistic approach to make student responsible, sensible and respectful for the Environment

Observations of the Academic Audit Team