BHASKARACHARYA COLLEGE OF APPLIED SCIENCES

University of Delhi

in collaboration with

ACHARYA NARENDRA DEV COLLEGE

University of Delhi

and

Lakshya- A Society for Social & Environmental Development

organises

SHORT-TERM COURSE

WATER SECURITY AND SUSTAINABLE WATER MANAGEMENT: FROM CONSERVATION TO CIRCULARITY

Student Coordinators from DNAmics, the Society of Department of Biomedical Science (BCAS, DU)



PATRONS:

Prof. Avneesh Mittal, Principal, BCAS, DU

Prof. Ravi Toteja, Principal, ANDC, DU

Dr. Sumant Shekhar, Lakshya

DURATION: 10 OCTOBER - 15 NOVEMBER, 2026

ABOUT THE COURSE

Water security stands among the most pressing challenges of our time, shaped by climate change, pollution, and unsustainable resource use. This short-term course introduces school and college students to the science, policy, and practice of water conservation and circularity- from wetlands and river ecosystems to emerging contaminants and water treatment. Through sessions led by researchers, practitioners, and policy experts, participants will build a strong conceptual and practical foundation in sustainable water management.

By the end of the course, students will be able to:

- Appreciate nature-based and technological solutions for water conservation .
- Understand emerging challenges including climate change and water circularity.

PROGRAMME AT A GLANCE

Start Date	10 October 2026
Duration	Saturdays & Sundays (Hybrid Mode)
Total Course Hours	40 hours (including onsite training sessions)
Eligibility	Students of Classes XI–XII and undergraduate programmes
Course Fee	Rs. 500/- per participant. Payment details are available at the last page.
Certification	Certificate of completion
Onsite Training	Separate certificate for participants completing on-site training
Registration	Registration on **BEAMS: https://bit.ly/2NLo4pS**
Online Platform	Details will be communicated to registered participants via email.

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES (BCAS)



Bhaskaracharya College of Applied Sciences is a constituent college of the University of Delhi. It was established in October 1995 and named after the renowned 12th-century mathematician Bhaskaracharya. The college is completely funded by the Government of Delhi. The college is reputed as a premier institution in the field of applied sciences, with its **NAAC 'A++' grading and NIRF (2025) ranking of 45 under college category**. The college prepares students for future research careers through quality education and hands-on training in well-equipped departmental laboratories.

The college takes prides in itself in dedicating itself to purely scientific studies by offering courses such as Food Technology, Biomedical Science, Instrumentation, Polymer Science, etc. The college is situated on a sprawling 10-acre campus in Sector 2, Dwarka, New Delhi. The modern campus houses eleven main departments, along with six allied departments. The curriculum is enriched with seminars, industrial and educational tours, and project training, providing students with a well-rounded academic experience.

ACHARYA NARENDRA DEV COLLEGE (ANDC)



Acharya Narendra Dev College is a constituent college of University of Delhi situated in Govindpuri (Kalkaji), Delhi, India. Established in 1991, the college is fully funded by the Government of Delhi. It is named after the great educationist and reformist of modern India, Acharya Narendra Dev. It is a prominent constituent college that specializes primarily in science education. Additionally, many of its specific academic initiatives, departmental festivals, and workshops run under the aegis of the DBT Star College Scheme (Department of Biotechnology, Government of India) and its Internal Quality Assurance Cell (IQAC).

The college secured the **21st rank nationally under the "Colleges" category in NIRF in 2025** and holds a **NAAC accreditation grade of 'A+.'** The college has a fully Wi-Fi-enabled campus, features state-of-the-art science and research laboratories, an RFID-enabled library, a business incubator, and student-accessible laptops to support its tech-driven pedagogy.

LAKSHYA- A SOCIETY FOR SOCIAL & ENVIRONMENTAL DEVELOPMENT



- Founded in April 12, 2006 by experts in environment, social work and technology.
- A not-for-profit organization dedicated to empowering lives through education & skill development, community empowerment, environmental conservation, waste management, green job development, innovating through technology-driven solutions and sustainable initiatives.
- The organization also focuses on women's economic empowerment and enterprise development by supporting women entrepreneurs and community-based enterprises through capacity building, business development, financial and digital literacy, market linkages, and access to relevant ecosystem support.

OUR MISSION:

- Empower 100 vulnerable communities through capacity building and market linkage for more employment opportunities by 2030.
- Reach more than 5 million people annually through the "Plastic Litter Free Campaign".
- Reduction of 1000 tons CO2 eq. carbon footprint per year.
- Empower women , empower 100 vulnerable communities through capacity building and market linkage by 2030.
- Facilitate women-led and community-based enterprises with business skills, financial and digital inclusion, product development, market linkages and ecosystem convergence.

OUR VISION:

- Become a leading force in social and environmental development.
- Expand partnerships, community outreach, and measurable impact.
- Create system to achieve targets of Sustainable Development Goals and ESG mandates.

ONLINE PLATFORM

Details will be shared over e-Mail.

ORGANISING TEAM MEMBERS

OVERALL CONVENERS

Dr. Uma Chaudhry, BCAS

Dr. Archna Pandey, ANDC

Dr. Sumant Shekhar, Lakshya- A Society for Social & Environmental Development

Ms. Meenakshi (An Alumnus as Coordinator)

COORDINATORS, ANDC

Dr. Rimpy Chowhan

Dr. Ritu Khosla

COORDINATORS, BCAS

Dr. Shivani G. Varmani

Dr. Uma Dhawan

Dr. Kapil Roy

Dr. Neha Singh

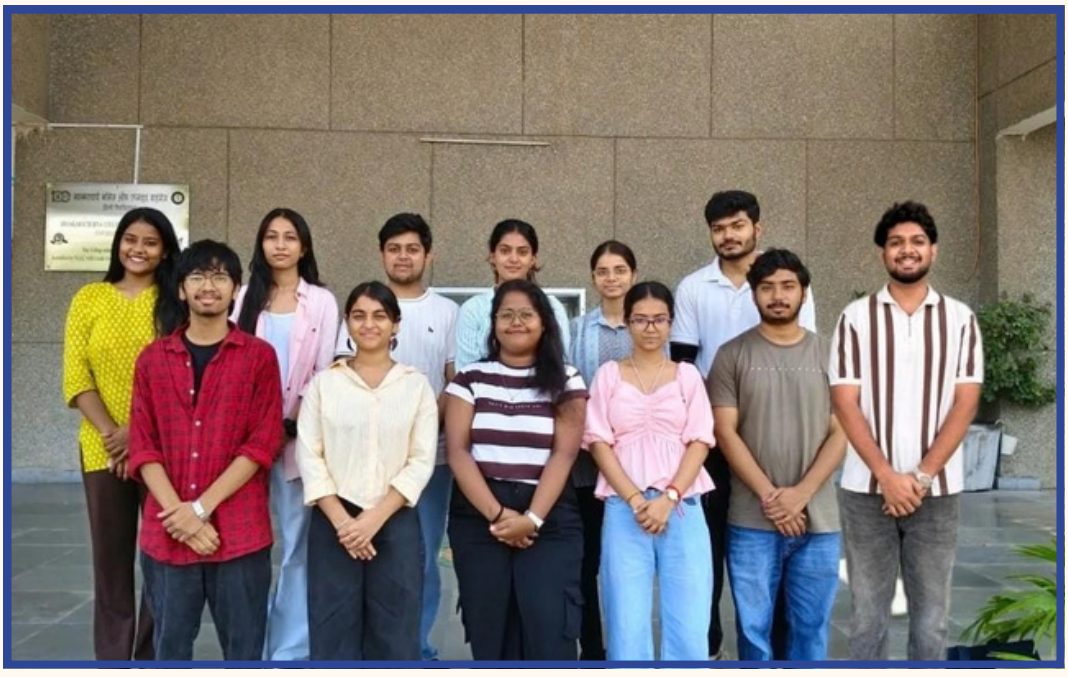
Dr. Vipul Yadav

Dr. Divya Verma

Dr. Shubham Krishna

COORDINATORS, Lakshya- A Society for Social & Environmental Development

Ms. Madhu Thukral (Research Officer)



DNAmics Student Organising Team: (Left to Right)
Front row: Aiteeya, Pranamya Karanth, Sneha Shibangi, Sneha, Aryan, Ansaf
Back row: Yana, Muskan, Akshat Pattnaik, Myraa Jaiswal, Surabhi Rawat, Kamesh

RESOURCE PERSONS

Eminent experts and practitioners in water science, environment, and sustainability.



DR. RAJESHWAR PRATAP SINGH

Director, Research & Development, Lakshya

TOPIC

Wetlands: Nature's Water Infrastructure



MRS. DEEPTI GUMBER BHATNAGAR

Director, Climate Change Mitigation & Resilience, Lakshya

TOPIC

Nature-Based Solutions for Water Security



MR. SHREYANSH SINGH

JE, U.P. Pollution Control Board, HQ, Lucknow

TOPIC

Blue-Green Ecosystems



MR. AJEET KUMAR SHARMA

Director, Strategic Partnerships & Donor Engagement, Lakshya

TOPIC

Water Security Through Sustainable FSM: Strengthening Community and Government Partnerships



DR. SHASHIDHAR KUMAR JHA

Fellow, Bharat Foundation

TOPIC

Water & Climate Change



DR. MANOJ CHANDRA GARG

Assistant Professor, Department of Climate Change and Environmental Sustainability, Amity University, Noida

TOPIC

Water Quality at Source



DR. ABHISHEK CHAUHAN

Associate Professor, Amity University, Noida

TOPIC

Antarctic Waters: From Expedition Experiences to Microbial Diversity, Water Quality and Emerging Contaminants



DR. ANUJ RANJAN

Assistant Professor, Amity University, Noida

TOPIC

Surfactant Pollution in the Yamuna: From Environmental Contamination to Microbial Remediation



DR. TARSAME SINGH SIAN

Head, R & D, Dew Projects and Chemicals Pvt. Ltd.

TOPIC

Exploring the Use of Artificial Intelligence in Water Management and Water Treatment



DR. MANOJ KUMAR

Scientist D, Indian Council of Forestry Research and Education, Dehradun

TOPIC

The River Yamuna: Historical, Ecological, and Socio-economic Perspectives



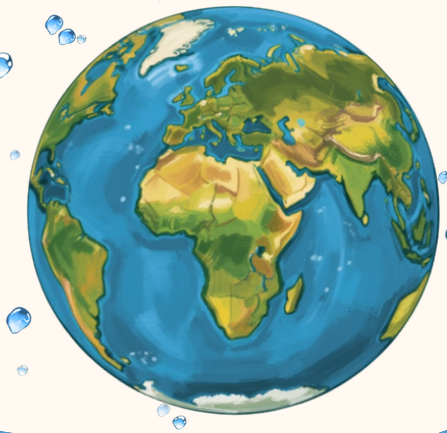
MR. SHASHI KANT THAKUR

Founder and Technical Director of Dew Projects & Chemicals Pvt. Ltd.

TOPIC

Wastewater: From Waste to Resource

For any queries:
Dr. Uma Chaudhry, BCAS, DU
uma.chaudhry@bcas.du.ac.in
9811746265



REGISTRATION & FEES PAYMENT

Step 1: Pay the Course Fee - Scan the SBI QR Code provided on the right side and pay the course fee of Rs. 500/-.

Step 2: Save the Transaction Slip - After successful payment, download/save the transaction slip or payment receipt. Please ensure that the transaction details are clearly visible.

Step 3: Keep the Transaction Slip Ready - The transaction slip will be required as proof of payment during registration on the BEAMS portal.

Step 4: Register on the BEAMS Portal - Scan the BEAMS Registration QR Code provided here at the right side of this page to access the college registration portal.

Step 5: Complete the Registration Form - Fill in all the required details carefully and upload the transaction slip/payment receipt as proof of fee payment.

Important

Registration will be considered complete only after successful payment and submission of the registration form along with the transaction slip.

① PAY Rs. 500 → ② SAVE TRANSACTION SLIP → ③ SCAN BEAMS QR → ④ FILL REGISTRATION FORM → ⑤ UPLOAD SLIP & SUBMIT

QR Code for payment of Fees



Scan to Register

Registration Fee: Rs. 500/-

