



NEHRU GRAM BHARATI

(Deemed to be University)
[Estd. U/s-3 of UGC Act 1956]



Hands on Training
On

“Global Pollution and Environmental Monitoring”

(January 7-11, 2025)

Seat Available-30

Registration Last Date- January 5, 2024

Registration Fees-1000

Chief Patron
Sri J. N. Mishra
Founder Chancellor
Nehru Gram Bharati
(Deemed to be University)
Prayagraj



Organized By:

Department of Botany, the Central Instrumentation Facility, Waste Management Committee,
Green Audit Committee and Institutional Innovation Councils, NGBDU

:About the Nehru Gram Bharati (Deemed to be University), Prayagraj:

Nehru Gram Bharti (Deemed to be University) occupies an esteemed place among the ruler universities of India for over decades now. Established on 27th June 2008, it is one of the promising institutes in the state of Uttar Pradesh situated at the bank of river Ganges. It was basically conceived by our 1st Prime Minister of India, Late Pt. Jawahar Lal Nehru, who laid the foundation stone of Nehru Gram Bharti on 26th July 1962 in the village of “Rishi Durvasha Ashram” Kotwa, Jamunipur, Dubawal Complex of his popular consultancy in Prayagraj district. His dream translated into reality by Shri. J.N. Mishra, who had a clear vision and dedication to the cause of upliftment of rural message through education. As on date, the campus has emerged as a prominent establishment of professional, technical education and traditional education for meeting the aspirations of youth from rural as well as urban areas. To begin with “Rajiv Gandhi Degree College” was established in the year 1996 and upgraded to “Rajiv Gandhi Post Graduate College” from the academic session 2000 -01 which subsequently merge into the ‘Nehru Gram Bharti (Deemed to be University)’ in 2008-09 after University Grants Commission recommended to the Ministry of Human Resources and Development for granting it Deemed to be university status. The MHRD notified vide its gazette Notification no: F.9-42/2005-43(A) dated as 27th June 2008 bestowing the Deemed to be university status to Nehru Gram Bharti. University is composed of 6 campuses in encircling approximately 76 acres of land spread over within a radius of about 5 km.

:About the Programme:

Environmental monitoring is a tool to assess environmental conditions and trends, support policy development and its implementation, and develop information for reporting to national policymakers, international forums and the public. Over the past decade, only a few countries of Europe and Central Asia have been able to maintain existing monitoring activities. The monitoring of urban air pollution — an important human health risk — is poor in many cities of the subregion. Solid and hazardous waste monitoring is weak and industrial emissions are also not well monitored, reducing the effectiveness of policy instruments such as emissions charges and fines. Monitoring of transboundary air pollution also needs strengthening.

- **Environmental monitoring**

A scientific process that involves observing changes in the environment to study the effects of pollution and natural cycles. Environmental monitoring can be used to assess environmental conditions, support policy development, and report information to the public.

- **Global Environment Monitoring**

A collaborative effort by the world community to monitor and assess the environment, that monitor climate, long-range pollutant transport, health, oceans, and renewable resources.

- **Pollution monitoring**

A process that measures the presence, effect, or level of pollutants in the environment. Accurate measurements are needed to generate reliable data for predicting and managing pollution risk. Pollutants can concentrate in dairy fats, so these foods can be used to monitor environmental levels of pollutants.

Patrons:



Sri Manish Mishra
Chancellor
NGBDU



Prof. Rohit Ramesh
Vice chancellor
NGBDU



Dr. S.C. Tiwari
Pro vice chancellor
NGBDU

Organizing Secretary:

Dr Shakti Nath Tripathi

Head, Department of Botany

NGB (DU) Prayagraj

Convener:

Dr. Adi Nath

Faculty, Department of Botany

In charge- Central Instrumentation Facility
NGB (DU) Prayagraj

: Advisory Committee:

1. **Prof. R.C. Tripathi, Prof. In charge R&D, NGB**
2. **Dr. Asheesh Shivam, Director, Research Centre**
3. **Dr. S.S. Mishra, Director Special Education, NGB**
4. **Dr. Rajesh Tiwari, Deputy Registrar, NGB**
5. **Dr. Himanshu Tandon, Joint Registrar, NGB**
6. **Dr. Rajesh Kesarwani, Department of Computer Application, NGB**

:Organizing Committee:

1. **Dr. Asheesh Shivam Mishra, Director, Research, NGB**
2. **Dr. Amitabh Chandra Dwivedi, Deptt. of Zoology, NGB**
3. **Dr. Archana Suhukla, Deptt. of Mathematics, NGB**
4. **Dr. Vikram Singh, Deptt. of Physics, NGB**
5. **Dr. Anita Singh, Deptt. of Chemistry, NGB**
6. **Dr. Pradeep Upadhyay, Deptt. of Botany, NGB**
7. **Dr. Dheraj Pandey, Deptt. of Botany, NGB**

REGISTRATION FORM

N.B: Mode of Payment: online/NEFT/RTGS/DD Account Details: Nehru Gram Bharati University

Account Number: 66630200000126

IFSC Code: BARB0VJHGNJ

(Fifth character is zero)

Bank Name: Bank of Baroda, Hanumanganj

REGISTRATION

Please fill up the registration form and send it to adinathupadhyay@gmail.com

All participants try to pay the registration fee in advance and confirm through mail.

NAME MR./MS./DR./PROF.	
DATE OF BIRTH	
DESIGNATION	
ORGANISATION (Full address)	
E-MAIL ID	
MOBILE NO.	ADDL. NO.
REGISTRATION FEE DETAILS: DD NO./DATE /NEFT/RTGS/ OR ANY OTHER ONLINE WITHREFERENCENUMBER	
REMARKS (Office Use Only)	(Signature of Participant)

Programme Schedule:**07TH January, 2025**

Venue	Nehru Gram Bharati Deemed to be University Research Centre Shashi Campus, Prayagraj
10:00Am – 11:00am	Reception and Registration
Key note Address 11:00-12:00 Noon	(Chief Guest) Prof. R.C. Dwivedi, Professor, Department of Botany and Microbiology, Gurukul Kangri University, Haridwar, Uttarakhand
012:30pm-05:00 pm	Dr. Adi Nath–Training Address and Instruments description

08TH January 2025 IInd Day

Venue	Nehru Gram Bharati Deemed to be University, Department of Botany, Research Laboratory, Prayagraj
Theme	Water Pollution
10:00am-11:00 am	Dr. Asheesh Shivam, Dept. of Zoology, NGBDU Dr. Vikram Singh, Department of Physics, NGBDU Dr. Anita Singh, Department of Chemistry, NGBDU
11: 30-12:40	Dr. Adi Nath & Dr. Pradeep Upadhyay
01:26pm – 04:45pm	pH, Conductivity, Total Solids, Total Dissolved Solids, Total Suspended Solids, Alkalinity, Hardness, Dissolved Oxygen, Biochemical Oxygen Demand, Chemical Oxygen Demand, Chlorides, Residual Chlorine, Oil and Grease, Calcium, Magnesium, Hydrogen Sulphide, Estimation of Cyanide, Chromium, Copper, Mercury, Carbondioxide, Tannin and Lignin, Pesticides, Sulphate Total Phosphate, Total Nitrate and Nitrite, Estimation of Ammonia, Estimation of Cadmium, Estimation of Zinc

09TH January, 2025, III Day

Venue	Nehru Gram Bharati Deemed to be University Research Centre Shashi Campus, Prayagraj
Theme:	Soil Pollution
10:00am – 11:00am	Dr. Amitabh Chandra Dwivedi, Department of Zoology, NGBDU Dr. Sanjay Kumar, Department of Physics, NGBDU Dr. Ruby Rani Gupta, Department of Mathematics, NGBDU
11:30am – 12:30am	Dr. Adi Nath & Dr. Pradeep Upadhyay
01:00pm –05:00pm	Soil Features, Organic Matters, Nitrogen, Potassium, Phosphorus, Calcium, Sulphur, Boron, Iron, Zinc, Copper, Manganese, Molybdenum, Chlorine, Moisture Content

10TH January, 2025 IVth Day

Venue	Nehru Gram Bharati (Deemed to be University) Prayagraj
Theme	Air Pollution
10:00am - 11:00 am	Dr. Archana Shukla, Department of Mathematics, NGBDU Dr. Kiran Gupta, Department of Zoology, NGBDU Dr. Mulayam Singh Patel, Department of Physics, NGBDU
011:30am - 05:00pm	Dr. Adi Nath & Dr. Pradeep Upadhyay Venue- Nehru Gram Bharati Deemed to be University, Department of Botany, Research Laboratory, Prayagraj
Laboratory	Particulate Matter, , Lead Analysis, Sulphur Oxides, Hydrogen Sulphides, NOX,CO, Oxidants and Hydrocarbons

11TH January , 2025 (V Day)

Venue	Nehru Gram Bharati (Deemed to be University) Prayagraj
Theme:	Food Contamination
10:00 am - 10:30am	Dr. Durgesh Nandini Goswami, Department of Chemistry, NGBDU Dr. Dheeraj Pandey, Department of Botany, NGBDU
011:00pm - 02:30pm	Dr. Adi Nath & Dr. Pradeep Upadhyay Venue- Nehru Gram Bharati Deemed to be University, Department of Botany, Research Laboratory, Prayagraj
Laboratory	Standard Plate Count, Coliforms MPN Tests,
2:30 pm	Valedictory Session: Dr. Bijay Laxmi Ghosh, Dean R& D, Rungta College, Chhatisgarh

Help line Numbers:

Mr. Pradeep Upadhyay-8707357102

Dr. Shakti Nath Tripathi-8318764853

Dr. Dheeraj Pandey-8808888970

Dr. Adi Nath-9670829105