


Department of Botany

DDU Gorakhpur University, Gorakhpur

Events Organized During 2023-2024

Name of the Event	One day National Workshop on “ <i>Bacillus</i> species for plant pathogens and Insect-Pests Management”
Department	Department of Botany
Date / Period	22 February, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	Plant-pathogen interaction refers to the complex biological relationship between plants and disease-causing organisms such as fungi, bacteria, viruses, and nematodes. Plants defend themselves through innate immunity, structural barriers, and biochemical responses, while pathogens evolve strategies to bypass these defenses. This interaction influences disease development, crop yield, and ecosystem balance, making it a crucial area of study in plant pathology and agricultural research.
Images with description	 <p>The image block contains a poster for the 'One Day National Workshop on BACILLUS SPECIES FOR PLANT PATHOGENS AND INSECT-PESTS MANAGEMENT' organized by the Department of Botany at DDU Gorakhpur University. The poster lists the Patron (Prof. Poonam Tandon), Co-Patron (Prof. Shantanu Rastogi), Convener (Prof. Anil K. Divedi), Organizer (Dr. Swati Mall), and Resource Person (Dr. Pradeep Kumar). It also specifies the date (22nd February 2024) and venue (Research Building, DDU Gorakhpur University). Below the poster are two photographs: one showing a presentation in progress with a speaker at a podium and an audience, and another showing a group of participants and organizers posing for a group photo.</p>

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Department of Botany


DDU Gorakhpur University, Gorakhpur

Name of the Event	A Lecture of Foundation Day Ceremony – 2024 (Academic – Industry Interaction)
Department	Department of Botany
Date / Period	30 April, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Online
Brief write-up in English	DDU Gorakhpur University was established in 1957 in Gorakhpur, Uttar Pradesh, named after Pandit Deen Dayal Upadhyaya. The university was founded to promote higher education and research in various disciplines. It has since grown into a prestigious institution, offering diverse programs in science, arts, commerce, law, and technology. Known for its academic excellence, DDU Gorakhpur University continues to contribute significantly to education and research in the region.
Images with description	

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Department of Botany


DDU Gorakhpur University, Gorakhpur

Name of the Event	Celebration of Atal Week (Birth Anniversary Week of Bharat Ratna Atal Bihari Vajpayee)
Department	Department of Botany and Microbiology
Date / Period	18-25 December, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	Atal Bihari Vajpayee's philosophy was rooted in nationalism, good governance, and inclusive development. A visionary leader who emphasized economic growth, diplomatic resilience, and technological advancement while upholding democratic values.
Images with description	 <p>The event poster includes the following details:</p> <ul style="list-style-type: none"> Department: DEPARTMENT OF BOTANY AND MICROBIOLOGY, DEEN DAYAL UPADHYAYA GORAKHPUR UNIVERSITY, GORAKHPUR-273009 (U.P.) Event: Bharat Ratna Shri Atal Bihari Vajpayee Ji Birth Anniversary Week, 18.12.2024 to 25.12.2024 Venue: Botany Research Building Date: 21.12.2024, Time: 01:00 pm Patron: Prof. Poonam Tandon, Honorable Vice-Chancellor, DDU Gorakhpur University, Gorakhpur Co-Patron: Prof. Sharitama Rastogi, Pro-VC & Dean, Faculty of Science, DDU Gorakhpur University, Gorakhpur Dean Student Welfare: Prof. Anubhuti Dubey Organizing Secretary: Dr. Tulika Mishra Convener & Head: Prof. Anil K. Dwivedi <p>The photographs show a lecture being conducted in a lecture hall. The first photo shows the presenter at the podium, and the second photo shows the audience seated at desks. Both photos include a GPS Map Camera overlay with the following coordinates:</p> <p>Gorakhpur, Uttar Pradesh, India P9w1+48, Paidiganj, Gorakhpur, Uttar Pradesh 273001, India Lat: 26.746615° Long: 83.380515° 21/12/24 01:55 PM GMT +05:30</p>

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Department of Botany


DDU Gorakhpur University, Gorakhpur

Name of the Event	National Science Day Celebration Theme : Environment & Health
Department	Department of Botany
Date / Period	29 February, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	National Science Day, celebrated on February 28th in India, marks the discovery of the Raman Effect by Sir C.V. Raman in 1928. It highlights the significance of scientific research and innovation in national development. Schools, colleges, and research institutions organize events like exhibitions, lectures, and science fairs to promote scientific awareness and inspire young minds.
Images with description	

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Department of Botany


DDU Gorakhpur University, Gorakhpur

Name of the Event	World Environment Day Celebration Theme : Land Restoration, Desertification and Drought Resilience
Department	Department of Botany
Date / Period	05 June, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	World Environment Day, celebrated annually on June 5th, is a global initiative led by the United Nations to raise awareness and promote action for environmental protection. Each year, it focuses on a specific theme addressing critical environmental issues such as climate change, biodiversity loss, and pollution.
Images with description	

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Department of Botany

DDU Gorakhpur University, Gorakhpur

Name of the Event	Value added course Theme : “Fitness Management Skills”
Department	Department of Botany
Date / Period	19 May – 02 June, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Online
Brief write-up in English	Fitness management skills encompass a combination of planning, leadership, and technical expertise to design and implement effective fitness programs. These skills include goal setting, exercise science knowledge, injury prevention, motivation techniques, and efficient resource management.
Images with description	 <p>The image on the left is a flyer for a 'FITNESS MANAGEMENT SKILL' course. It features a green and yellow color scheme. The flyer includes the following text: <ul style="list-style-type: none"> DEPARTMENT OF BOTANY, DEEN DAYAL UPADHYAYA GORAKHPUR UNIVERSITY, GORAKHPUR (U.P.) Topic: Fitness Management Skill Theme: Fitness, Physical and Mental, On being through Live Demonstration via Zoom Free registration open (19/05/2024 to 02/06/2024, 10 Hours Module, Time 11:00 am to 02:00 pm) Fee: Limited Seats (PO only) Objectives: <ul style="list-style-type: none"> To know levels of fitness To know about cardiovascular, respiratory health, bones & joints To know about weight management To understand gender differences and nutrition differences Outcomes: <ul style="list-style-type: none"> Identifying Physical Fitness Identifying Measurement Parameters Understanding Development of Musculoskeletal Body in Fitness Excess Value Addition: <ul style="list-style-type: none"> Insights on physical fitness of students and their body structure Getting clear insight from overweight and underweight students Knowledge of healthy lifestyle Development of self-awareness, through self-analysis/Personalization Who can enroll...? BSc, PGD / PGD Scholar of any stream Professors will be given to give to give: <ol style="list-style-type: none"> Overweight / Underweight and why to gain that weight Correlation with any Overweight / Underweight parameter in a member in their family Tricks to improve their energy and fitness Faculty: <ul style="list-style-type: none"> Co-ordinator: Prof. Animesh Kumar Singh, Assistant Professor, Dept. of Botany, DDU Gorakhpur University, Gorakhpur (U.P.) Co-Coordinator: Prof. Anil Kumar Singh, Assistant Professor, Dept. of Botany, DDU Gorakhpur University, Gorakhpur (U.P.) Co-Coordinator: Dr. Animesh Prasad, Assistant Professor, Dept. of Botany, DDU Gorakhpur University, Gorakhpur (U.P.) Co-Coordinator: Dr. Animesh Prasad, Assistant Professor, Dept. of Botany, DDU Gorakhpur University, Gorakhpur (U.P.) </p> <p>The image on the right is a photograph of a classroom. Several students are seated at desks, looking towards the front of the room. They appear to be engaged in a lecture or discussion. The students are diverse in age and appearance, and the classroom setting is typical of a university environment.</p>

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DDU Gorakhpur University, Gorakhpur

Name of the Event	Mission Shakti Phase – 5 Theme : Role of Mission Shakti in Women Empowerment
Department	Department of Botany and Microbiology
Date / Period	18-25 December, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	Mission Shakti is a flagship initiative by the Government of Uttar Pradesh aimed at women’s safety, security, and empowerment. Launched in 2020, it integrates various schemes focusing on self-reliance, skill development, education, and protection against violence. The mission promotes awareness campaigns, legal aid, and financial support, ensuring a safer and more inclusive environment for women to thrive in all spheres of life.
Images with description	 <p>The image block contains two main visual elements. The top element is a detailed event poster for the 'Mission Shakti Phase-5 Debate Competition'. The poster features the following text: 'DEPARTMENT OF BOTANY DEEN DAYAL UPADHYAY GORAKHPUR UNIVERSITY GORAKHPUR-273009 (U.P.)', 'Mission Shakti Phase-5', 'An Initiative of Uttar Pradesh Government', 'Debate Competition', and 'Theme: Role of Mission Shakti in Women Empowerment'. It also lists the date (02.12.2024) and time (12:30 pm) at the Botany Research Building. The poster includes portraits and names of the Patron (Prof. Pankaj Tandon), Co-Patron (Prof. Shantana Bhatnag), Nodal Officer (Prof. Vineta Pathak), Coordinator & Head (Prof. Anil K Dwivedi), and Organizing Secretaries (Dr. Rakesh Pandey and Dr. Deepa Srivastava). Logos for NAAC A++ and Mission Shakti are also present. The bottom element is a group photograph of the event participants and organizers standing behind a table in a classroom setting. A GPS overlay at the bottom of the photo provides the location: Gorakhpur, Uttar Pradesh, India (P9wj+f7g, Paidleganj, Gorakhpur, Uttar Pradesh 273009, India) with coordinates Lat 26.746249° Long 83.380932° and a timestamp of 02/12/24 02:30 PM GMT +05:30.</p>

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Name of the Event	Rangoli Competition Theme : Microbial Diseases
Department	Department of Botany and Microbiology
Date / Period	02 September, 2023
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	Rangoli preparation on microbial diseases is an innovative way to create awareness about infectious diseases caused by bacteria, viruses, fungi, and protozoa. Using colorful powders, flowers, or other materials, rangoli designs can depict microbial structures, disease symptoms, or prevention measures. This artistic approach helps in educational outreach, especially in schools and health campaigns, making complex scientific concepts visually engaging and easy to understand.
Images with description	

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DDU Gorakhpur University, Gorakhpur

Name of the Event	National Workshop on “Emerging Biotic Stresses on Wheat Production in India: Status and Management Approaches”
Department	Department of Botany
Date / Period	12 March, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	Biotic stresses on wheat production are caused by living organisms such as pathogens, pests, and weeds, which significantly affect crop yield and quality. Common threats include fungal diseases like rust and blight, bacterial infections, and insect pests such as aphids and wheat stem borers. These stresses can lead to reduced growth, poor grain formation, and increased vulnerability to environmental conditions, making it crucial to develop resistant wheat varieties and integrated pest management strategies to safeguard production.
Images with description	

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Department of Botany


DDU Gorakhpur University, Gorakhpur

Name of the events	Essay and Debate Competition
Department	Industrial Microbiology
Date	17 December, 2024
Organizer	Industrial Microbiology, DDUGU
Online/offline mode	Offline mode
Brief writeup in English	On December 17, the Department of Industrial Microbiology organized an Essay and Debate Competition on the theme "Health, Hygiene, and Sanitation for Women" under the flagship program Mission Shakti Phase-05 at DDU Gorakhpur University, Gorakhpur
Images with description	<p>The competition was presided over by the Head of the Department of Botany Prof. Anil Kumar Dwivedi, accompanied by faculty members from the Departments of Botany and Microbiology. The primary objective of this competition was to raise awareness about the importance of women's health, hygiene, and sanitation, while also encouraging students to express their thoughts on these crucial issues.</p> <p>This event successfully highlighted the objectives of <i>Mission Shakti</i> and fostered awareness and a sense of responsibility among the participants.</p> 

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Name of the Event	Essay competition on “Climate Change and Role of Plants”
Department	Department of Botany and Microbiology
Date / Period	22 August, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	Event was organized to aware students about climate change and their adverse effects and also contribution of plants in existence of life on Earth.
Images with description	 <p>The poster is titled "On the occasion of 43rd Convocation 2024 Deen Dayal Upadhyaya Gorakhpur University Gorakhpur". It states that the "Department of Botany and Microbiology organizes Essay competition. On the topic: 'Climate Change and Role of Plants'". The staff listed are:</p> <ul style="list-style-type: none"> PATRON: Prof. Poonam Tandon, Honorable Vice Chancellor, DDU Gorakhpur University, Gorakhpur. CONVENER: Prof. Anil K. Dwivedi, Head, Department of Botany, DDU Gorakhpur University, Gorakhpur. COORDINATOR: Dr. Rajveer Singh Chauhan, Assistant Professor, Department of Botany, DDU Gorakhpur University, Gorakhpur. COORDINATOR: Dr. Smriti Mall, Assistant Professor, Molecular Plant Pathology Lab, Department of Botany, DDU Gorakhpur University, Gorakhpur. <p>Event details: Date: 22 August 2024, Time: 11:00 AM Onwards, Venue: Botany Research Building, DDU Gorakhpur University, Gorakhpur.</p>

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Department of Botany

DDU Gorakhpur University, Gorakhpur

Name of the Event	Celebration of “International Biodiversity Day”
Department	Department of Botany and Microbiology
Date / Period	22 May, 2024
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Offline
Brief write-up in English	<p>International Biodiversity Day, observed on May 22, is a global event dedicated to raising awareness about biodiversity and promoting actions to protect it. Established by the United Nations, it highlights the importance of ecosystems, species, and genetic diversity in sustaining life on Earth. The day serves as a platform for governments, organizations, and individuals to engage in conservation initiatives, policy discussions, and educational activities to address biodiversity loss and promote sustainable practices.</p>
Images with description	

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Name of the Event	Value added course on “Microbiology Laboratory Techniques”
Department	Department of Botany and Microbiology
Date / Period	15 May – 30 May, 2024 (30 hr course)
Organizer (Name of the University)	Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur
Online / Offline Mode	Online
Brief write-up in English	<p>Microbiology laboratory techniques encompass a range of methods used to study microorganisms, including bacteria, fungi, and viruses. Key techniques include aseptic handling to prevent contamination, culturing microorganisms on selective media, staining procedures and microscopy for visualization. Molecular techniques such as PCR and ELISA aid in genetic and protein analysis, while biochemical tests help determine microbial metabolism. These techniques are essential for clinical diagnostics, research, and industrial applications.</p>
Images with description	<p style="text-align: center;">Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur. NAAC Grade A++ Accredited</p> <p style="text-align: center;">MICROBIOLOGY LABORATORY TECHNIQUES</p> <p style="text-align: center;">Course Name: Value Added Course Duration: 30 Hours</p> <p style="text-align: center;">Organized by Department Of Industrial Microbiology, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur For BSc, M.Sc. And Ph. D. students.</p> <p>PATRON Prof. Poonam Tandon Honorable Vice Chancellor, DDU Gorakhpur University Gorakhpur</p> <p>Organizing Secretary Dr. Smriti Mall Co-ordinator: M.Sc. Microbiology, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur.</p> <p style="text-align: center;">Date: 15 May – 30 May 2024 (Online Mode) Virtual platform: Zoom App</p> <p>CONVENER Prof. Anil K Dwivedi Head, Department of Botany, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur.</p>

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