

### ACTIVITIES ORGANISED IN 2021-22

<i>Organised By</i>	<i>Name of Activity</i>	<i>Date</i>	<i>Names of Eminent Speakers</i>	<i>Outcome</i>
Department of Botany, Chemistry And Zoology	Workshop On Skill Enhancement And Capacity Building For Non-Teaching Staff ( Computer Training for Lab Assistants and Lab Attendants)	07.02.2022 - 15.02.2022	<ul style="list-style-type: none"> <li>• Mr.Pranav Gupta, System Officer, UPTEC, Prayagraj</li> <li>• Mr.Ratnesh Dixit, UPTEC</li> </ul>	Training has enabled them to perform computer related work in an efficient way
	National Science Fest (Interdisciplinary)	25.02.2022 - 28.02.2022	<ul style="list-style-type: none"> <li>• Prof.Yogendra Sharma Professor of Biology, AcSIR, Dean, Faculty, IISER Berhampur, Odisha</li> <li>• Prof. Vimal Rarh National Resource Centre of Chemistry of MHRD, SGBT Khalsa College, University of Delhi</li> <li>• Prof. Mrityunjay D. Pandey Department of Chemistry, Institute of Science, BHU; Varanasi, UP</li> <li>• Dr. Alok Kumar Gupta Regional Director, National Institute of Open Schooling (NIOS) Ministry of</li> </ul>	Students learnt about the importance of science in daily life by a number of lectures, improved their writing skill, made working models, participated in Debate competition, Power point presentation and Quiz competition with much enthusiasm.

			<p>Education; Government of India, Hyderabad, Telangana</p> <ul style="list-style-type: none"> <li>• Dr. Manish Mohan Gore Scientist; CSIR-NIScPR, New Delhi</li> <li>• Prof. Shekhar Srivastava Dean, Faculty of Science, University of Allahabad</li> </ul>	
	<p>Online Awareness Programme About Star College Scheme Of DBT for four colleges of nearby area of Prayagraj Link:<a href="https://youtu.be/YmGf01uzvy8">https://youtu.be/YmGf01uzvy8</a></p>	28.03.2022	<ul style="list-style-type: none"> <li>• Principal and Faculty members of Department of Botany, Department of Chemistry and Department of Zoology of S.S.Khanna Girls' Degree College</li> </ul>	<p>Principals and faculty members of participating four colleges appreciated the programme and enquired about the eligibility criteria and terms and conditions to apply in the star college scheme</p>
Department of Botany And Zoology	<p>National Online Workshop on Green Biotechnology and Therapeutic Potential of Medicinal Plants (Interdisciplinary) Link: <a href="https://youtu.be/dWGuGi2bw2A">https://youtu.be/dWGuGi2bw2A</a></p>	27.01.2022 to 28.02.2022	<ul style="list-style-type: none"> <li>• Dr. Anita Tomar Scientist- F, Forest Research Centre for Eco- Rehabilitation, Prayagraj</li> <li>• Dr. Vishnu Agarwal Associate Professor, Head, MNNIT, Prayagraj</li> <li>• Dr. Navita Gupta Associate Professor &amp; head Department of Life Sciences, BBMK University, Dhanbad, Jharkhand</li> <li>• Dr. Sanjay Singh</li> </ul>	<p>Knowledge related to the therapeutical potential of plants and need to promote the cultivation of medicinal plants</p>

			<p>Scientist-G &amp; Head, Forest Research Centre for Eco- Rehabilitation, Prayagraj.</p> <ul style="list-style-type: none"> <li>• Dr. Lalji Singh Scientist-E &amp; Head, Botanical Survey of India, Andaman &amp; Nicobar Regional Centre, Ministry of Environment, Forest and Climate change, Andaman &amp; Nicobar Island</li> </ul>	
Department of Botany	Guest Lecture on Vertical Garden: A Green Primer	05.06.2021	<ul style="list-style-type: none"> <li>• Dr. Yashwant Kumar, Assistant Professor, CMP Degree College, Prayagraj.</li> </ul>	The main outcome of the lecture was to enhance knowledge about the vertical garden amongst the students.
	Guest Lecture on COVID-19: Impact on the Environment	07.09.2021	<ul style="list-style-type: none"> <li>• Mr. Manish Sinha, Senior Manager, Operation &amp; Management, Shapoorji Pallonji Company Pvt. Ltd. Varanasi Smart City, Varanasi</li> </ul>	Knowledge about the impact of COVID-19 on the environment.
	<p>Guest Lecture on Traditional Systems of Water Conservation in India</p> <p>Link:<a href="https://youtu.be/Tz369id6mBs">https://youtu.be/Tz369id6mBs</a></p>	07.02.2022	<ul style="list-style-type: none"> <li>• Dr. Vivek Singh, Associate Professor, Department of Botany, Shri Jai Narain P. G. College, Lucknow</li> </ul>	Awareness about the traditional system of water conservation amongst the students.
	Guest Lecture on Gymnosperms through the Ages and Botanical Exhibition of Gymnosperms	03.03.2022	<ul style="list-style-type: none"> <li>• Dr. P. C. Srivastav, Associate Professor, Department of Botany, Ewing Christian College, Prayagraj.</li> </ul>	Enhanced knowledge of the students about the gymnosperms.
	Online Hands on Training on “Analyzing of Plant Gene	24.07.2021	<ul style="list-style-type: none"> <li>• Dr. Ravi Tandon (Assistant Professor, School of Biotechnology, Jawaharlal Nehru University, New Delhi</li> </ul>	Students learnt about the technology and applications of Plant Gene

	Expression using Quantitative Real Time PCR Assay”			Expression using Quantitative Real Time PCR Assay
Department of Chemistry	Guest Lecture on Prithvi Ki Trasadi aur Uska Nivaran	05.06.2021	<ul style="list-style-type: none"> <li>• Dr. Archana Pandey, Associate Professor, Dept. of Chemistry, C. M. P. Degree College, Prayagraj</li> </ul>	Students learnt about a number of ways to protect our environment
	Workshop on Career Opportunities In Chemical Sciences Link: <a href="https://youtu.be/kkw3i4fOTUA">https://youtu.be/kkw3i4fOTUA</a>	29.08.201	<ul style="list-style-type: none"> <li>• Dr. Santosh Kumar Singh, Assistant Professor D.D.U. Govt. P.G. College Saidabad, Prayagraj and</li> <li>• Dr. Vishal Kumar Singh, Research Associate Macleods Pharmaceuticals Limited Mumbai</li> </ul>	Students became more interested in choosing chemistry as a subject for further studies
	National Workshop on Green Chemistry And Good Laboratory Practices	27.01.2022	<ul style="list-style-type: none"> <li>• Prof. Krishna Nand Singh, Department of Chemistry, Institute of Science, BHU</li> <li>• Dr. Mahaveer, Assistant Prof., DDU College , University of Delhi</li> </ul>	Students learnt the significance of Green Chemistry and Good Laboratory practices.
	Online Science Awareness Programme for students of Tagore Public School, Prayagraj Link: <a href="https://youtu.be/XCTsBwLf03U">https://youtu.be/XCTsBwLf03U</a>	29.03.2022	<ul style="list-style-type: none"> <li>• Dr. Justin Masih, Associate Professor, Department of Chemistry of Ewing Christian College, Prayagraj</li> <li>• Dr. Sumita Sahgal, Assistant Professor, Department of Chemistry, S.S. Khanna Degree College, Prayagraj</li> </ul>	Students learnt about different aspects of pollution and also learnt to be calm and stress free during examination.

### **OTHER ACTIVITIES ORGANISED IN 2021-22**

<i>Organised By</i>	<i>Name Of Activity</i>	<i>Date</i>	<i>Outcome</i>
Department of Botany, Chemistry and Zoology	Orientation programme for B.Sc.I (Bio) students	10.01.2022	New students learnt about the various schemes of the college like examination, discipline, various types of scholarships, sports, NSS, NCC, extra-curricular activities etc.
Department of Botany	National Level Online Quiz on Second Wave of Covid-19 and Mucormycosis	22.04.2021-30.04.2021	Awareness about the right information about the second wave of COVID- 19 and Mucormycosis
	National Level Online Quiz on World Earth Day	25.05.2021-31.05.2021	Awareness about our earth and the environment.
	Hands on Training on “Herbarium Techniques”	03.08.2021	Knowledge of dry plant preservation and maintenance techniques
	Hands on Training on “DNA Isolation”	26.07.2021-27.07.2021	Understanding of the basics of molecular biology techniques like DNA Isolation used for plants
	Online Intercollegiate Poster Competition	14.01.2022-20.01.2022	Knowledge about the non-renewable energy resources
	Visit to Botanical Survey of India, Central Regional Centre, Prayagraj	30.03.2022	Students became familiar with the Herbarium and diverse flora of the Botanical Survey of India, Central Regional Centre, Prayagraj

	Visit to Roxburgh Botanical Garden and Agarkar Museum, Department of Botany of University of Allahabad	29.03.2022	Students became familiar with the flora of Roxburgh Botanical Garden and Agarkar Museum, Department of Botany of University of Allahabad
Department of Chemistry	Hands on Training on Computer for Chemists	24.03.2022	Students can use their knowledge of Chem Draw or Chem Sketch to make structures of compounds in projects or paper writing
	Hands on Training on Preparation of Table Reagents	14.03.2022	Students took keen interest in laboratory practices as they are made aware of different aspects of preparation of table reagents in chemistry laboratory
	Visit To National Academy of Sciences India, Prayagraj, Bioorganic Research Laboratory And Other Labs of Department of Chemistry, University of Allahabad	25.03.2022	Students visited Ganga Gallery with a keen interest and also visited Singhania library of NASI. They also became aware of working in Research labs of Department of Chemistry of University of Allahabad
Department of Zoology	Hands on Techniques In Molecular Biology	17.08.2021-18.08.2021	Students became adept of DNA isolation, it's quantification, amplification by PCR and agarose gel electrophoresis
	Visit to Central Inland Fisheries Research Institute Prayagraj	30.03.2022	Excursion to CIFRI exposed them to various rare fish species , water quality analysis through different parameters and various training programs available in CIFRI which they may opt after graduation
	Visit to Zoological Museum, Department of Zoology, University of Allahabad	29.03.2022	Excursion to zoological museum was helpful for their exposure to a rare collection of specimen and skeletons present in the museum

**SOME GLIMPSES OF ACTIVITIES ORGANISED**

