

## Outreach Activities (2022-23)

Biomedical Science	
S. No.	Activity
1	Prof Urmi Bajpai delivered a talk on “Unleashing Potential, Breaking Boundaries” on the International Day for Women & Girls in Science at the CSIR, HRDG, Pusa on February 10, 2023.
2	Prof Urmi Bajpai delivered a talk on “Bacteriophages and Lysin Banks to Combat Antibacterial Drug Resistance” at the 63rd Annual International Conference of Association of Microbiologists (AMI) of India at Maharshi Dayanand University, Rohtak on February 04, 2023.
3	Prof Urmi Bajpai delivered a talk on “Importance of Bacteriophage and Lysin Banks to Mitigate the Silent Pandemic” at the 3rd International Conference on Bacteriophage Research and Antimicrobial Resistance (ICBRAR) on November 27, 2022.
4	Prof Urmi Bajpai was co-panelist with Prof Herman Barkema, University of Calgary, in an online panel discussion on “Antimicrobial Resistance & One Health: Stakes involved and the way forward”, organized by IBLOT, EBPMN and TechInvention Pvt Ltd. on November 18, 2022.
5	<p>Dr Sunita Jetly organised Free Cancer Awareness Program at various locations of Delhi &amp; Uttar Pradesh, including:</p> <ul style="list-style-type: none"> <li>● Jal Vayu Vihar, Sector 2, Noida</li> <li>● Luxmi Narayan Mandir, Sector 56, Noida</li> <li>● R.G. Residency, Sector 120, NOIDA</li> <li>● Institute of Chartered Accountants, C56,/9A, Sector 62 NOIDA</li> <li>● Prateek Stylome, Sector 45, NOIDA</li> <li>● Sector 26, NOIDA</li> <li>● Rasoolpur, Dasana, UP</li> <li>● Hyde Park, Sector 78, NOIDA</li> <li>● Supreme Court</li> <li>● NRI Residency, Sector 45 NOIDA</li> <li>● MLA office, opp. Aurobindo Market, Hauz Khas, Delhi</li> </ul>
6	<p>Dr Sunita Jetly organized Thalassemia Awareness Program at various locations of Delhi &amp; Uttar Pradesh, including:</p> <ul style="list-style-type: none"> <li>● Luxmi Narayan Mandir, Sector 56, Noida</li> </ul>

	<ul style="list-style-type: none"> <li>● Shyama Prasad Sarvodaya Vidyalaya, Chitranjan Park, Delhi</li> <li>● Ganga Ram Hospital (invited by Thalassaemic India - 35 years Old NGO for thalassemia to showcase our work)</li> <li>● Ramjas College</li> <li>● Rajguru college of Applied Sciences for Women</li> </ul>
7	Dr Rimpay Kaur Chowhan co-chaired a session in the 3rd International Symposium on Ciliate Biology (ISCB-2022) on November 08, 2022.
8	Dr Archana Pandey was Resource person in the National hands-on workshop on “PCR for Diagnostics and Gene Expression Analyses” from September 27-29, 2022.
9	Dr Ritu Khosla was Resource person in the National hands-on workshop on “PCR for Diagnostics and Gene Expression Analyses” from September 27-29, 2022.
10	Dr Satendra Singh was resource person in the National Workshop on Career and Skill Enhancement for Non-Teaching Staff from September 15-21, 2022.
11	Dr Rimpay Kaur Chowhan was Resource person in the National Workshop on Career and Skill Enhancement for Non-Teaching Staff from September 15-21, 2022.
12	Dr Ritu Khosla was Resource person in the National Workshop on Career and Skill Enhancement for Non-Teaching Staff from September 15-21, 2022.
13	Dr Deepshikha was Resource person in the National Workshop on Career and Skill Enhancement for Non-Teaching Staff from September 15-21, 2022.
14	Dr Satendra Singh was resource person in the National Workshop on Skill Enhancement for Non-Teaching Staff from July 13-20, 2022.
15	Dr Rimpay Kaur Chowhan was resource person in the National Workshop on Skill Enhancement for Non-Teaching Staff from July 13-20, 2022.
16	Dr Ritu Khosla was Resource person in the National Workshop on Skill Enhancement for Non-Teaching Staff from July 13-20, 2022.
17	Mr Vinesh Kumar was Resource person in the National Workshop on Skill Enhancement for Non-Teaching Staff from July 13-20, 2022.

<b>Botany</b>	
<b>S. No.</b>	<b>Activity</b>
1	Outreach Workshop on “Cell and Molecular Biology Techniques”: In commemoration of centenary celebrations of University of Delhi, Acharya Narendra

	Dev College organized an Outreach Workshop on <i>Cell and Molecular Biology Techniques</i> under the patronage of Prof. Ravi Toteja, Principal, ANDC. 24 B.Sc students and 26 M.Sc students from GD Goenka University, Gurugram, Delhi were given complete hands-on training on cell and molecular biological techniques like Preparation of Competent cells and Transformation Experiment, making of mitosis slides, plasmid DNA isolation, polymerase chain reaction, agarose gel electrophoresis and restriction mapping October 12-13, 2022.
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<b>Chemistry</b>	
<b>S. No.</b>	<b>Activity</b>
1	Under Community outreach activity five workshops on ‘Safer And Greener Chemistry Lab’ were organised in five schools in collaboration with GAD TLC SGTB Khalsa College by Department Of Chemistry AND College under aegis of IQAC and DBT Star College Scheme (Co-ordinator and resource person-Dr Rashmi Thukral) from January 28-31, 2023.

<b>Electronics</b>	
<b>S. No.</b>	<b>Activity</b>
1	Dr. Ravneet Kaur chaired a session in International Conference on Advances in IoT, Security with AI (ICAISA-2023), Deen Dayal Upadhyaya College, University of Delhi, Sector-3, Dwarka on March 24, 2023
2	Dr. Ravneet Kaur participated as Resource Person in a five-day workshop on “Development of Audio Video Resources based on Laboratory Manual in Science at Upper primary Stage” held at DESM, NCERT, New Delhi from February 27-March 03, 2023.
3	Prof. Anju Agrawal chaired a session in the 3rd International Symposium on Ciliate Biology (ISCB-2022) organized by Acharya Narendra Dev College and Maitreyi College, University of Delhi under the aegis of DBT STAR College Scheme and IQAC held on November 08, 2022.
4	Prof. Anju Agrawal chaired a session in the 3rd International Symposium on Ciliate Biology (ISCB-2022) organized by Acharya Narendra Dev College and Maitreyi College, University of Delhi under the aegis of DBT STAR College Scheme and IQAC held on November 08, 2022.

5	Several Faculty members of the College were Resource Person in One Week National Workshop on Career and Skill Enhancement for Non-Teaching Staff organised by Acharya Narendra Dev College from September 15-21, 2022
6	Prof. Amit Garg served as Resource Person in National Workshop on Skill Enhancement of Non-Teaching Staff (NWSSENS-2022) organised by Acharya Narendra Dev College from July 13-20, 2022
7	Prof. Anju Agrawal served as Resource Person in National Workshop on Skill Enhancement of Non-Teaching Staff (NWSSENS-2022) organised by Acharya Narendra Dev College from July 13-20, 2022.
8	Dr. Ravneet Kaur served as Resource Person in National Workshop on Skill Enhancement of Non-Teaching Staff (NWSSENS-2022) organised by Acharya Narendra Dev College from July 13-20, 2022.
9	Ms. Gauri Ghai served as Resource Person in National Workshop on Skill Enhancement of Non-Teaching Staff (NWSSENS-2022) organised by Acharya Narendra Dev College from July 13-20, 2022.
10	Dr. Monika Bhattacharya served as Resource Person in National Workshop on Skill Enhancement of Non-Teaching Staff (NWSSENS-2022) organised by Acharya Narendra Dev College from July 13-20, 2022
11	Mr. Dinesh Kumar served as Resource Person in National Workshop on Skill Enhancement of Non-Teaching Staff (NWSSENS-2022) organised by Acharya Narendra Dev College from July 13-20, 2022

<b>Zoology</b>	
<b>S. No.</b>	<b>Activity</b>
1	Bani School Innovation Camp II (BaSIC V) and Biar Initiative: A School Outreach Program For Enrichment II (BIoSCOPE II): This was the second camp organized in commemoration of Centenary Celebrations of University to motivate and ignite young minds of Govt. Senior Secondary School (GSSS), Bani and Biar located in the Hamirpur District of Himachal Pradesh. This camp was organized for students of classes VI-XI with an aim of uplifting the rural areas through propagation of scientific thoughts, promotion of student-teacher interactions and development of communication skills on February 13-14, 2023.
2	One day workshop on Quantitative microbial ecology: Opportunities and Way-ahead: Acharya Narendra Dev College, University of Delhi (UoD) in association with Gargi College, UoD; IMiLI-SAC & PhixGen Pvt. Ltd. organized a workshop on Microbial Ecology. This event was sponsored by International Society for Microbial Ecology

	(ISME) on February 04, 2023.
3	Prof. Sarita Kumar was Resource Person in Online Review Workshop (reviewing the e- content, uploading Comments & Suggestions on the Google Drive Link Shared, and coordinating with MPD, CIET NCERT faculty from October-December, 2022.
4	Outreach Workshop on “Cell and Molecular Biology Techniques”: In commemoration of centenary celebrations of University of Delhi, Acharya Narendra Dev College organized an Outreach Workshop on <i>Cell and Molecular Biology Techniques</i> under the patronage of Prof. Ravi Toteja, Principal, ANDC. 24 B.Sc students and 26 M.Sc students from GD Goenka University, Gurugram, Delhi were given complete hands-on training on cell and molecular biological techniques like Preparation of Competent cells and Transformation Experiment, making of mitosis slides, plasmid DNA isolation, polymerase chain reaction, agarose gel electrophoresis and restriction mapping October 12-13, 2022.
5	MICROSPHERE 2.0: An International Outreach Program: An initiative to promote Microbial Literacy in school and UG Students on September 17, 2022
6	Dr Monica Misra, Professor Seema Makhija. Dr Neel Gagan Singh and Dr Sushma Bhardwaj organized a session on visit to Zebra Culture facility and other research facilities in the Zoology Department for the Non Teaching staff on September 17, 2022 during the NATIONAL WORKSHOP on Career and Skill Enhancement for Non- teaching Staff under the aegis of DBT STAR College Scheme and IQAC.
7	Prof. Sarita Kumar was Resource Person in Workshop on ‘Modification and Upgradation of Biology and Biotechnology Laboratory’, DESM, NCERT from August 1-5, 2022.
8	Prof. Seema Makhija delivered a talk and conducted a workshop on ‘Fascinating World of Microbes, Protozoans and Career Opportunities’ in G.D. Goenka University, Gurugram

### Educational Visit/Industrial Visit/Excursion (2022-23)

Electronics	
S. No.	Activity
1	Organized an excursion to National Science Centre for the students of B.Sc(H) Electronics and SPIE society chapter members @ANDC, on February 11, 2023.
2	Organized an education visit to Nehru Planetarium, New Delhi on for the students of B.Sc(H) Electronics and SPIE society chapter members @ANDC, September 24,

	2022
3	Organized an Education visit to PM Museum (Pradhanmantri Sangrahalaya), New Delhi for the students of B.Sc(H) Electronics and SPIE society chapter members @ANDC, on September 24, 2022.

<b>Physics</b>	
<b>S. No.</b>	<b>Activity</b>
1	Organized an educational visit on February 28, 2023 (National Science Day) for 10 students to Inter University Accelerator Centre (formerly Nuclear Science Centre) Aruna Asaf Ali Marg, near Vasant Kunj, Vasant Kunj, New Delhi, Delhi – 110 067
2	Organized an educational visit on February 28, 2023 (National Science Day) for 10 students to National Physical Laboratory, Dr KS Krishnan Marg, Pusa, New Delhi, Delhi – 110 012
3	Organized an educational visit on February 28, 2023 (National Science Day) for 10 students to Smart Materials and Devices Laboratory at Miranda House, University of Delhi, Delhi – 110 007

<b>Zoology</b>	
<b>S. No.</b>	<b>Activity</b>
1	Organized two one day Educational Trip to National Zoological Park, New Delhi on 29 September 2022 to observe behavior of animals for their ‘Animal Behaviour & Chronobiology’ paper. Delhi Zoological Park is home to large species of birds and multiple exceptional animals such as White Tiger, Royal Bengal Tiger, Gaur, Jaguar, Rhinoceros, Elephants, Asiatic Lion and lion-tailed monkey.