

## DEEN DAYAL UPADHYAYA COLLEGE (UNIVERSITY OF DELHI)

ACADEMIC SESSION (YEAR): **2021 - 2022**

NAME OF THE DEPARTMENT & SUBJECT SOCIETY: **DEPARTMENT OF ZOOLOGY - SYNAPSES**

CONVENOR: **DR. SHAILLY ANAND**

TEACHER IN-CHARGE: **DR. RENU SOLANKI**

*Please provide the details of all the activities/ events conducted (in chronological order) in the prescribed format with appropriate proofs (student attendance, geotagged group photographs, detailed report, promotional material)*

S. No	DATE OF CONDUCT OF ACTIVITY / EVENT	BROAD CATEGORY OF THE ACTIVITY (Invited talk/ Webinar/ Workshop / Training Program/ Extension Activity/ Cultural event/ FDP etc)	DETAILS OF THE ACTIVITY & ORGANIZED UNDER or in COLLABORATION (if any)	NO. OF BENEFICIARIES (Faculty/ School Students/ UG-PG Students/ Research Scholars/ Lab Staff etc)  * List to be attached as proof	COORDINATOR/ EVENT CONVENOR / EVENT CO-CONVENOR	ORGANIZING COMMITTEE MEMBERS (from Dept.)	REPORT ATTACHED (YES/ NO)	ATLEAST 2 PHOTOGRAPHS ATTACHED (YES/ NO)	COPY OF CIRCULAR / POSTER WITH ALL DETAILS ATTACHED (YES/ NO)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1.	August 2, 2021	Hands-on Training Program	Session I: <b>"Isolation of DNA from Plant Sources"</b> under Bridge Program (Bringing Science Home)- An Experiential	UG (27 students of B. Sc Life	Dr. Shailly Anand & Dr. Renu Solanki	Nil	YES	YES	YES

			<i>Learning program organized under the aegis of Synapses &amp; Science Foundation</i>	<i>Sciences Sem V)</i>					
2.	<i>August 13, 2021</i>	<i>Hands-on Training Program</i>	<i>Session II: “Antibiotic Sensitivity &amp; Resistance” under Bridge Program (Bringing Science Home)- An Experiential Learning program organized under the aegis of Synapses &amp; Science Foundation</i>	<i>UG (53 students of B. Sc Hons. Zoology, B. Sc Hons. Botany &amp; B. Sc Life Sciences)</i>	<i>Dr. Shailly Anand &amp; Dr. Renu Solanki</i>	<i>Nil</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>
3.	<i>August 16-17, 2021</i>	-	<i>Online Student Elections for different posts of Office Bearers</i>	<i>UG (126; 54 students of B. Sc Hons. Zoology &amp; 72 students of B. Sc Life Sciences)</i>	<i>Election Officers: Dr. Shailly Anand &amp; Dr. Renu Solanki</i>	<i>Nil</i>	<i>YES</i>	<i>YES</i>	<i>Not Applicable</i>
4.	<i>August 21, 2021</i>	<i>Workshop &amp; Alumni Session</i>	<i>“Research 101” organized under Deeksharambh and Synapses in association with Stimulus</i>	<i>High school students and UG (99 students of B. Sc Hons. Zoology &amp; B. Sc Life Sciences)</i>	<i>Dr. Anita Gulati &amp; Dr. Renu Solanki</i>	<i>Nil</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>

5.	August 24, 2021	Webinar	Inaugural talk by Prof. Yogendra Singh (Dept. of Zoology, University of Delhi) on <b>"Decoding Crosstalk between Host &amp; Pathogens: New Avenues in Biology"</b>	UG (99 students of B. Sc Hons. Zoology & B. Sc Life Sciences)	Dr. Renu Solanki & Dr. Shailly Anand	Nil	YES	YES	YES
6.	August 28, 2021	Hands-on Training Program	Session III: <b>"Lets See Our Own DNA"</b> by Jaya and Ranjita of B. Sc Hons. Zoology III Sem under Bridge Program (Bringing Science Home)- An Experiential Learning program organized under the aegis of Synapses & Science Foundation	UG (41 students)	Dr. Shailly Anand & Dr. Renu Solanki	Nil	YES	YES	YES
7.	September 3, 2021	Workshop	Session IV: <b>" Foldscope: Your Pocket Microscope"</b> by Dr. Parul Kulshreshtha (Shivaji College, DU) under Bridge Program (Bringing Science Home)- An Experiential Learning program organized under the aegis of Synapses & Science Foundation	UG (45 students from DDUC & KMC) & 7 Faculty	Dr. Renu Solanki & Dr. Shailly Anand	Nil	YES	YES	YES
8.	September 5, 2021	Celebration	Teacher's Day Celebration	UG (58 students) & 11 Faculty	Synapses Office Bearers	Nil	YES	YES	YES

9.	September 9, 2021	Virtual Educational Visit	National Dairy Research Institute	UG ( students) &	Dr. Nitiah Mahato & Dr. Renu Solanki	Nil	YES	YES	YES
10.	September 11, 2021	Hands-on Training Program	Session V: <b>"Food Adulteration: Check Your Food"</b> under Bridge Program (Bringing Science Home)- An Experiential Learning program organized under the aegis of Synapses & Science Foundation	UG (62 students) & faculty	Dr. Kamlesh Kumari, Shailly Anand & Dr. Renu Solanki	Nil			
11.	September 15, 2021	Student Lecture	Student Lecture Series (SLS)  Session I: <b>CRISPRs</b> by Jaya and Ranjita (B. Sc Hons. Zoology Semester III)	UG (26 students)	Dr. Anita Gulati & Dr. Renu Solanki	Nil	YES	YES	YES
12.	September 17, 2021	International Outreach Program	<b>MICROSPHERE 2021:</b> An International Outreach Program to celebrate the International Microorganism Day under the aegis of Science Foundation, Synapses & INSCR and in collaboration with IIT Roorkee, Acharya Narendra Dev College, Gargi College, Kirori Mal College, Maitreyi College, Ramjas College, Sri Venkateswara College, Magadh University, Allahabad University and our Industry associate - PhiXgen Pvt. Ltd.	School students, UG students, PG students, Research Scholars, School Principals, College Faculty, Others: 937	Dr. Shailly Anand & Dr. Renu Solanki	Dr. Anita Gulati, Dr. Sujata Sinha (Dept. of Botany), Dr. Sachin Mittal (Dept. of Chemistry) & Dr. Sujata Khatri (Dept. of Computer Science)	YES (Report available separately)	YES	YES

13.	September 25, 2021	Hands-on Training Program	Session VI: <b>"Does temperature affect permeability of cell membrane?"</b> under Bridge Program (Bringing Science Home)- An Experiential Learning program organized under the aegis of Synapses & Science Foundation	UG (32 students)	Dr. Nitish Mahato, Dr. Shailly Anand & Dr. Renu Solanki	Nil	YES	YES	YES
14.	September 21 to October 20, 2021	School Outreach Program	An <b>Outreach Program for Promotion of Science</b> with Govt. Girls Senior Secondary School (GGSSS), AP Black, Shalimar Bagh, Delhi-110088 under the aegis of Synapses and Science Foundation	School Students of Class XI (students) and XII (students)	Dr. Renu Solanki & Dr. Shailly Anand	Dept. of Botany (Dr. Charu Kalra, Dr. Reeta Kumari), Dept. of Chemistry (Dr. Sachin Mittal, Dr. Vinod Kumar, Dr. Sangeeta Talwar), Dept. of Computer Science (Dr. Sujata Khatri, Dr. Anuja Soni, Dr. Abha Jain), Dept. of Electronics (Dr. Poonam Kasturi),	YES (Report available separately)	YES	YES

						Dept. of Mathematics (Dr. Paramjeet Kaur), Dept. of Physics (Prof. Deepak Jain)			
15.	October 3, 2021	Hands-on Training Program	Session VII: <b>"Your Saliva in Action"</b> under Bridge Program (Bringing Science Home)- An Experiential Learning program organized under the aegis of Synapses & Science Foundation	UG (43 students)	Dr. Anina James; Dr. Shailly Anand & Dr. Renu Solanki	Nil	YES	YES	YES
16.	October 9, 2021	Hands-on Training Program	Session VIII: <b>"Action of Enzymes on Blood"</b> by Ankush Singh of B. Sc Hons. Zoology Sem III under Bridge Program (Bringing Science Home)- An Experiential Learning program organized under the aegis of Synapses & Science Foundation	UG (>40 students)	Dr. Shailly Anand & Dr. Renu Solanki	Nil	YES	YES	YES
17.	October 23, 2021	Hands-on Training Program	Session IX: <b>"Does Temperature affect fermentation in yeast?"</b> by Yogita Tomer and Ankita Kapil of B. Sc Life Sciences V Sem under Bridge Program (Bringing Science Home)- An Experiential Learning program	UG (>28 students)	Dr. Shailly Anand & Dr. Renu Solanki	Nil	YES	YES	YES

			<i>organized under the aegis of Synapses &amp; Science Foundation</i>						
18.	<i>October 25, 2021</i>	<i>Student Lecture</i>	<i>Student Lecture Series (SLS) Session II: “Basics of Immunology” by Jyoti Yadav and Riya Sharma (B. Sc Hons. Zoology Semester III)</i>	<i>UG (21 students)</i>	<i>Dr. Anita Gulati &amp; Dr. Renu Solanki</i>	<i>Nil</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>
19.	<i>October 30, 2021</i>	<i>Hands-on Training Program</i>	<i>Session X: ” Calculating Air Quality Index (AQI) of an Urban Location” under Bridge Program (Bringing Science Home)- An Experiential Learning program organized under the aegis of Synapses &amp; Science Foundation</i>	<i>UG (20 students)</i>	<i>Dr. Pramod Kumar, Dr. Shailly Anand &amp; Dr. Renu Solanki</i>	<i>Nil</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>
20.	<i>November 15-18, 2021</i>	<i>International Conference</i>	<i>6<sup>th</sup> Annual International Conference of Indian Network for Soil Contamination Research on “Microbes in Sustainable Development” organized in association with Department of Zoology (DU), Acharya Narendra Dev College (DU), Deen Dayal Upadhyaya College (DU), Gargi College (DU), Kirori Mal College (DU), PG Department of Zoology (MU),</i>	<i>505 (UG, PG, Ph.D scholars, faculty)</i>	<i>Organizing Secretaries: Dr. Shailly Anand &amp; Dr. Renu Solanki</i>	<i>List in the Circular of the Conference with all details and also list of all the speakers</i>	<i>YES (Posters, Circular, Abstract Book &amp; Scientific Program)</i>	<i>YES</i>	<i>YES</i>

			Maitreyi College (DU), Ramjas College (DU), Sri Venkateswara College (DU), Sri Guru Tegh Bahadur Khalsa College (DU), C.M.P. College (AU), PhiXgen Pvt. Ltd., Gurugram, College of Commerce, Arts & Science, Patna						
21.	November 24, 2021	Orientation Program	<b>Orientation Program</b> for B. Sc Hons. Zoology I year students	(UG) >72 students	Dr. Renu Solanki & Dr. Shailly Anand	-	YES	YES	YES
22.	December 11, 2021	Career Counseling & Alumni Interaction Session	<b>Career Counseling &amp; Alumni Interaction Session</b> organized under Synapses & Deeksharambh	(UG) > 82 students	Dr. Renu Solanki & Dr. Shailly Anand	Dr. Kamlesh Kumari, Dr. Nitish Mahato, Dr. Anina James	YES	YES	YES
23.	Jan 15 to Feb 7, 2022	National Hands-on Training Program (Value added program)	<b>Skill Enrichment Program (BASIC) on "Bacterial Genomics &amp; Metagenomics"</b> organized collaboratively by Department of Zoology, Deen Dayal upadhyaya College (University of Delhi), PG Department of Zoology (Magadh University), Bhaskaracharya College of Applied Sciences (University of	UG/ PG (104 students of B. Sc./ M. Sc Zoology/ Botany/ Microbiology / Life Sciences etc)	Dr. Shailly Anand & Dr. Renu Solanki	Dr. Anita Gulati, Dr. Lathika Nair, Dr. Kamlesh Kumari, Dr. Nitish K Mahato, Dr. Anina James	YES	YES	YES



			<i>Delhi), Kirori Mal College (University of Delhi) &amp; Phixgen Pvt. Ltd., Gurugram, India under the aegis of Synapses, Science Foundation &amp; Deeksharambh, DDUC; Episteme (Life Sciences), KMC</i>						
24.	<i>Jan 22, 2022</i>	<i>National level Hands-on Lecture &amp; Workshop</i>	<b>Interdisciplinary National Level Online Capability Enhancement Workshop on "Exploring DNA using Biopython"</b> organized under the aegis of Synapses in association with Science Foundation, DDUC, and PG Department of Zoology, Magadh University	<i>UG/ PG/ Faculty</i>	<i>Coordinators : Dr. Shailly Anand &amp; Dr. Renu Solanki</i>  <i>Convenor: Dr. Anita Gulati</i>	<i>Nil</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>
25.	<i>Feb 16, 2022</i>	<i>Virtual Educational Tour</i>	<b>Virtual Educational Tour to Aravali Biodiversity Park</b> organized under the aegis of Synapses and Science Foundation, Deen Dayal Upadhyaya College, University of Delhi.	<i>UG/ Faculty</i>	<i>Dr. Kamlesh Kumari</i>	<i>Nil</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>
26.	<i>Feb 16, 2022</i>	<i>International Symposium</i>	<b>International Symposium on "Intellectual Property Rights (IPR) in Education and Research"</b> under Synapses-	<i>UG, PG, Research Scholars, Faculty</i>	<i>Dr. Renu Solanki &amp; Dr. Shailly Anand</i>	<i>Dr. Anita Gulati, Dr. Kamlesh</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>

			<i>Subject Society, Department of Zoology in association with CommUnity-Subject Society, Department of Commerce, Deen Dayal Upadhyaya College, University of Delhi</i>			<i>Kumari &amp; Dr. Anina James</i>			
27.	<i>Feb 18, 2022</i>	<i>Career Counseling Session</i>	<b>Career Counseling Session</b> entitled " <b>Craft your Career</b> " by distinguished guest of honour Dr. Suman Govil (Advisor, Department of Biotechnology, Govt. Of India) was organized under the aegis of Synapses & Science Foundation	<i>UG/ PG</i>	<i>Dr. Renu Solanki &amp; Dr. Shailly Anand</i>	<i>Dr. Anita Gulati, Dr. Kamlesh Kumari &amp; Dr. Anina James</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>
28.	<i>Feb 18 to March 14, 2022</i>	<i>National level Hands-on Training Program (Value added program)</i>	<b>Skill Enrichment Program (ADVANCED) on "Deciphering the Unknown by Metagenomics &amp; Proteomics"</b> organized collaboratively by Department of Zoology, Deen Dayal Upadhyaya College (University of Delhi), PG Department of Zoology (Magadh University), Bhaskaracharya College of Applied Sciences (University of Delhi), Kirori Mal College	<i>UG/ PG (104 students of B. Sc./ M. Sc Zoology/ Botany/ Microbiology / Life Sciences etc)</i>	<i>Dr. Shailly Anand &amp; Dr. Renu Solanki</i>	<i>Dr. Anita Gulati, Dr. Lathika Nair, Dr. Kamlesh Kumari, Dr. Anina James</i>	<i>YES</i>	<i>YES</i>	<i>YES</i>

			<i>(University of Delhi) &amp; Phixgen Pvt. Ltd., Gurugram, India under the aegis of Synapses &amp; Science Foundation, DDUC; Episteme (Life Sciences), KMC</i>						
29.	Feb 23, 2022	Student Lecture Series	Student Lecture Series on <b>“Genetically Modified Organisms”</b> organized under the aegis of Synapses	UG	Dr. Anita Gulati & Dr. Renu Solanki	-	YES	YES	YES
30.	Feb 28, 2022	National Science Day Celebration	<b>Intellectra</b> : A National Level Quiz organized by Department of Zoology in association with all Science Departments under the aegis of Science Foundation, Deen Dayal Upadhyaya College	UG	Dr. Renu Solanki & Dr. Shailly Anand	-	YES	YES	YES
31.	Mar 1 – 2, 2022	Annual Fest	Zoofestea’22 organized under the aegis of Synapses during which the many competitions were held: <ul style="list-style-type: none"> <li>• <b>Ad-mania</b></li> <li>• <b>Microphotography</b></li> <li>• <b>Best-out-of-waste</b></li> <li>• <b>Declamation</b></li> </ul>	UG	Dr. Shailly Anand & Dr. Renu Solanki	Dr. Anita Gulati, Dr. Lathika Nair, Dr. Sudhir Verma, Dr. Priya Goel, Dr. Kamlesh Kumari, Dr. Anina James,	YES	YES	YES

						Dr. Ravi Kumar Goswami			
32.	Mar 8, 2022	Women's Day Celebration	<b>Poster Making, Sudoku and Crossword Puzzle Competitions</b> organized by Department of Zoology under the aegis of Science Foundation in association with all Science Departments, Deen Dayal Upadhyaya College	UG	Dr. Renu Solanki & Dr. Shailly Anand	Nil	YES	YES	YES
33.	Mar 30, 2022	Counselling Session	<b>Counselling Session (under the Mentor-Mentee Interaction) on "Know-Hows of SWAYAM"</b> under the aegis of Synapses, Deen Dayal Upadhyaya College	UG	Dr. Anita Gulati, Dr. Renu Solanki	Nil	YES	YES	YES



Signature of the Convenor & Co-Convenor



Signature of the Teacher In-Charge/ Coordinator(s)