

DETAILS OF WORKSHOPS CONDUCTED DURING THE YEAR 2021-22

Sr • N o.	Name of the activity	Date	Details	No of students attended
1	Workshop on CADD(Biotechnology)	24-27 July 2021 (3 Days)	Workshop on Computer Aided Drug Design organized for M.Sc.II students	35
2	Science Popularization Program “Science Adda”(Biotechnology)	05/01/2022	DBT (Govt. of India) funded Science Popularization Program “Science Adda” for school students held at Modern College of Arts, Science and Commerce, Ganeshkhind, Pune on	208
3	Know your Department: “Induction program for F.Y. B.Sc. students(Biotechnology)	21/09/21	One day online Induction program was carried out to make students familiar with the faculties, syllabus and methods of teaching and evaluation.	10
	Guest Lecture Series(Botany)	1 to 3 August 2021	Department of Botany have organized a guest lecture series on “Recent Advances in Plant Science” under Eco club and DBT star college scheme for students of life science	178
	Soft Skill Workshop (computer science)	28, 29 Dec 2021	To encourage the all-round development of students by focusing on soft skills.	76

	SciReach (Microbiology)	25.09.2021	Science popularization webinar under DBT CTEP popular lecture content organized for school, junior college and UG students	229
	Microbial Technology (Microbiology)	05.04.2022-07.04.2022	DBT Builder	30
	LECTURE ON BEE CONSERVATION (Zoology)	08 th January, 2022	A Seminar was conducted in Zoology Department of Modern college of Arts, Science, Commerce Ganeshkhind Pune For Bee conservation Under DBT STAR Scheme for UG and PG students. Mr Devendra Jani who is TEDx speaker was invited to grace this seminar.	93
	DBT- Lecture series (Zoology)	13/01/2022 to 15/01/2022	To get basic understanding about animal behaviour. To know why innovation is important in life sciences. To give information about scope and future opportunities in sericulture. To get idea about recent developments in microscopy. To get curious young minds excited about advancements in zoology. To get information about importance of studying entomology	105

	Investment awareness (Commerce)	13 th Nov 2021	Capital Market Awareness session of Bombay Stock Exchange was organized on Zoom electronic platform and Mr. Pankaj Mathkar interacted	82
	Live demonstration on Opening DEMAT account (Commerce)	27 th April 2022	Demonstration of opening online DEMAT account and how to make our investment safely	57
	Polaris: Interactive Career Workshop(English)	8-9-2021	1 Day workshop Resource Persons: Dr. Atul Patil and Prof. Yogesh Borate	58
	Gerontology: Care and Concerns	12.05.2022	One day workshop organised in association with Board of Students Development	132
	Introduction to Tribal Culture (Sociology)	19.05.2022	One day workshop organised in association with Board of Students Development	120
	Workshop on “Practical Aspects of Block Chain” (BBA CA)	17-01-2022	One day Workshop on “Practical Aspects of Block Chain”	116

Research papers published by students in 2021-22

Sr. No.	Name of student	AADHAR	Achievement Details
1	Ms. Shweta Hasani	416142537807	Research Article: Antibiofilm activity of selenium nanorods against multidrug-resistant staphylococcus aureus. DOI:10.4103/mgmj.mgmj_35_21
2	Ms. Shrushti Joshi	905600296666	<p>Research Article:</p> <ol style="list-style-type: none"> 1. Genome-wide identification, characterization and transcriptional profiling of NHX-type (Na⁺/H⁺) antiporters under salinity stress in soybean. DOI: 10.1007/s13205-02002555-0 2. Genome-wide in silico identification and characterization of sodium-proton (Na⁺/H⁺) antiporters in Indica rice. DOI: 10.1016/j.plgene.2021.100280 <p>Review Article:</p> <ol style="list-style-type: none"> 1. Reactive oxygen, nitrogen, carbonyl and sulfur species and their roles in plant abiotic stress responses and tolerance. DOI: 10.1007/s00344020-10294-y 2. Nitric oxide, crosstalk with stress regulators and plant abiotic stress tolerance. DOI: 10.1007/s00299-021-02705 3. Omics approaches for understanding heavy metal responses and tolerance in plants. DOI: 10.1016/j.cpb.2021.10213 4. MicroRNAs and Their Exploration for Developing Heavy Metal-tolerant Plants. DOI:1007/s0344-021-10476-2 5. MicroRNA-mediated bioengineering

			<p>for climate-resilience in crops. DOI: 10.1080/21655979.2021.1997244</p> <p>6. Ion transporters and their exploration for conferring abiotic stress tolerance in plants. DOI: 10.1007/s10725-021-00762-0</p>
3.	Nupur Namjoshi & Kaavya Iyer		<p>i. Presented poster in Online International conference on biotechnology in conservation and sustainable development organized by department of biotechnology modern college, Shivajinagar. 1st-3rd Feb 2022.</p> <p>ii. Presented paper entitled "Investigation of long term exposure to microplastics pollution on freshwater aquaculture Antioxidant parameters and Cytological damage" in the National Virtual conference on "Current Trends in Biotechnology and Biomedicine" organized by Department of Biotechnology & Biomedical Engineering, Bannari Amman Institute of Technology on 11.10.2022</p>
4.	Reenu Mourya		<p>i. Oral presentation at Annual National conference on sustainable ecosystem, aquaculture, fisheries and fisherfolk (28.01.22-29.01.22) organized by the department of Aquatic biology and fisheries, University of Kerala.</p>



Principal
Modern College of Arts, Science
& Commerce, Ganeshkhind, Pune-16.



