









Department of Biotechnology & Genetics: October to December 2024

Sl No	Date	Event	Details	Image
1	Oct 15, 2024	Biotitans Fest	<p>The Department of Biotechnology and Genetics organised Club activity 'Biofest 2024' under the aegis of BioTitans on 15th October 2024. The event ignited creative instincts, scientific curiosity, awareness on environmental issues, waste management and to encourage team work in life science students. The event was filled with creativity, intellect, and teamwork from all the three years of B.Sc. life science students. An overwhelming response was received from the students resulting in overall 51 teams registering for the events Bio-waste Art and Treasure Hunt. Participants unleashed their creativity with resources like vegetable peels, coconut shells, and other natural waste products, turning everyday organic matter into stunning artistic expressions. Treasure Hunt offered a thrilling test of teamwork and knowledge making participants to eagerly take up the challenge. The activities challenged student's creative instincts, created environmental consciousness and scientific curiosity.</p>	
2.	Oct 30, 2024	Guest Lecture	<p>An insightful guest lecture was delivered by Ms. Smruti Bhat (Alumini of B.Sc. Genetics 2022 batch) on 30th October, 2024, titled 'Journey from an Egg to a Baby' for undergraduate students to deepen their understanding of human development. The lecture aimed to explore the fascinating process of embryonic development, starting from fertilization to the formation of a fully developed baby.</p>	

			<p>The guest lecture provided a comprehensive overview of bridging the theoretical knowledge with practical insights. Students gained a deeper appreciation for the complexity and beauty of life's beginnings.</p>	
3.	Nov 16, 2024	Extension activity	<p>The visit to Gandhian School of Natural Farming at Dodda Hosuru, Tumakuru, was a successful and enriching extension activity. It provided students with valuable insights into organic farming and sustainable agriculture, fostering a greater appreciation for environmental stewardship. The hands-on experience and educational sessions were particularly effective in enhancing students' understanding and interest in organic farming.</p>	

4.	Nov 19, 2024	Faculty development program	<p>The FDP in association with Board of Research in Nuclear Sciences (BRNS) – Dept. of Atomic Energy was conducted and Ms. Bhargavi, Researcher, Trustee at Environment support group, India, delivered on ‘Intellectual Property Rights’ emphasized the role of IPR and earning credit and protection for the discovery and innovative idea made through IPR. She introduced the basics of IPR and highlighted the issue of biopiracy- the exploitation of biological resources or traditional knowledge without proper authorization or benefit-sharing. For instance, she explained how India has faced biopiracy of neem, basmati rice, and turmeric by foreign entities. She also discussed genetically modified crops like Bt cotton and Bt brinjal, emphasizing more on the ethical, biodiversity, and patenting concerns associated with them. Ms. Bhargavi stressed the need for stronger laws, ethical practices, and sustainable development to combat biopiracy, protect India’s biodiversity, and respect indigenous knowledge. This fight underscores the global need to safeguard cultural and natural heritage.</p>	 
5.	Nov 20-22, 2024	Value Added Program	<p>The Department of Biotechnology and Genetics under DBT star Program, MSRCASC, in collaboration with Prof. Kshitish K Acharya, Dr. Sravanthi D, Mr. Pawan K, Ms. Lizzi Sharon- Shodhaka Life Sciences Pvt. Ltd. organized a three-day Value-Added Program (VAP) titled ‘Bioinformatics and Genomics for Biologists’ from November 20 to 22, 2024. The program aimed to provide participants with foundational knowledge and hands-on experience in bioinformatics and genomics, tailored specifically for life science students. This initiative, supported by the DBT Star Program, was meticulously designed to bridge theoretical</p>	 

knowledge with practical applications in modern biology.

