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ACADEMIC ACTIVITIES 2023-2024

PG & RESEARCH DEPARTMENT OF BIOTECHNOLOGY



A TALK ON 'CAREER PROSPECTS FOR LIFE SCIENCE STUDENTS'

Speaker: Dr. Anju Elizebeth

Date -21.08.2023

A guest lecture on 'Career Guidance: A Shift from Class to Research' for Postgraduate Students of Biotechnology was conducted on August 21, 2023, from 3.00 p.m. to 4.00 p.m. at Benedicta Rowe Hall, Centenary Block, WCC, Chennai. The program began with a welcome address by Dr. Priya Iyer and a speaker introduction by Dr. Anita R.J. Singh. She has completed her Ph.D. in Biochemistry from the National Institute of Nutrition (ICMR) in Hyderabad and is currently working as a postdoctoral research associate at the Medical School of Wisconsin, USA. The speaker, Dr. Anju Elizebeth, addressed the students on the topic 'CAREER Guidance: A Shift from Class to Research'.

She shared her research journey experience at ICMR, Hyderabad, and then moved onto the USA, where she initially worked in an industrial setting, followed by her current position. She guided the students on the types of exams they needed to prepare for, emphasized the importance of skill development, and gave a bird's-eye view of the ways in which the students can apply to and get placed in universities abroad for their research studies.

Overall, it was an eye-opening talk for the student community, exposing them to the various career opportunities and guiding them to choose the right career for their future.

Dr. C. Anchana Devi, PG and Research Department in Biotechnology, rendered the vote of thanks.

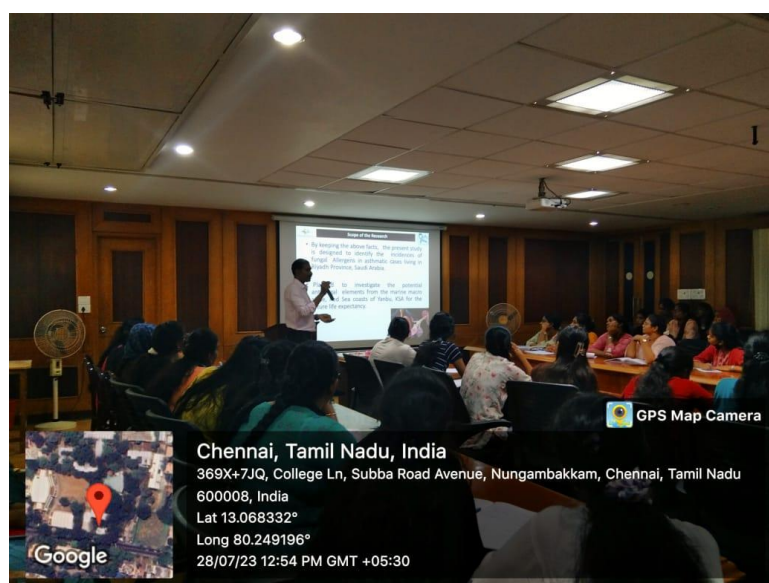


A TALK ON 'BRONCHIAL ASTHMA FUNGAL ISOLATES – THERAPEUTIC RESOURCES & RESEARCH SCOPE'

Speaker: Dr. Suresh Mickymary, July 28, 2023

A guest lecture on 'Bronchial Asthma Fungal Isolates: Therapeutic Resources and Research Scope' was organized for the postgraduate students of biotechnology on August 21, 2023, from 12.30 p.m. to 1.30 p.m. at the RMS conference room, RMS Block, WCC, Chennai. The program began with a welcome address by Dr. Priya Iyer and a speaker introduction by Dr. Anita R. J. Singh. Dr. Suresh Mickymary works as an associate professor in the Department of Biology, College of Science, Majmaah University, Saudi Arabia.

He spoke on the topic 'Bronchial Asthma: Fungal Isolates: Therapeutic Resources and Research Scope' highlighting the scenario of bronchial asthma caused by fungal isolates in Riyadh, Saudi Arabia. He shared his experience with collecting the samples, followed by the extraction process, the identification of bioactive compounds, and testing antifungal activity. He highlighted that only 1% of the antifungal agents are currently in use, and due to the resistance developed, he encouraged the students to explore this area of research in their higher studies. He also clarified all the doubts raised by the students. Overall, it was an informative talk on phytochemical studies for the students, where they could explore a new area in antifungal research. Dr. C. Anchana Devi, PG and Research Department in Biotechnology, rendered the vote of thanks.



A TALK ON 'TRANSLATIONAL ONCOLOGY AND ITS RESEARCH SCOPE'

Speaker: Dr. Amritha Sathyanarayanan, Dec 9th, 2023

A guest lecture on 'Translational Oncology and its Research Scope' was organized for the postgraduate students of biotechnology on December 9, 2023, from 1.30 p.m. to 2.30 p.m. at the RMS conference room, RMS Block, WCC, Chennai. The program began with a welcome address by Dr. Priya Iyer and a speaker introduction by Dr. Anita R. J. Singh. Dr. Amritha Sathyanarayanan works as a postdoctoral fellow at TATA Institute, Mumbai. She elaborated on recent technologies such as CRISPR-Cas9 and the development of cost-effective diagnostic kits for the detection of different types of cancer. She also emphasized advanced techniques related to translational oncology.

