

## **ALUMNI INTERACTION**

**Date & Venue:** 14<sup>th</sup> September, 2024, PG Biotechnology Lab – 1

**Teacher Coordinator:** Dr. Saranya Jayaram, Assistant Professor, Department of Biotechnology

### **Speakers:**

- Ms. Monisha, Genetic Counsellor and Research Officer, Centre for Human Genetics
- Ms. Vibha, Clinical Data Associate, Alcon Laboratories

### **Introduction:**

The seminar focused on career pathways and professional growth after completing an MSc in Biotechnology, with insights from two distinguished alumni. Ms. Monisha and Ms. Vibha shared their experiences transitioning from academia to their respective roles in Genetic Counselling and Clinical Data Analysis. Their discussions provided valuable guidance for students interested in these fields.

### **Key Points Covered:**

#### **1. Ms. Monisha's Journey in Genetic Counselling:**

Ms. Monisha elaborated on her path from being a student at Mount Carmel College to becoming a Genetic Counsellor. She discussed the fundamental differences between a Genetic Counsellor and an MBBS doctor, emphasizing the specific role of a counsellor in guiding patients through genetic diagnoses. She also highlighted her personal experience in Telegenetics, Prenatal diagnosis, and dealing with conditions such as arterial calcification in infants. Ms. Monisha explained how genetic counselling requires a deep understanding of psychology, genetic analysis, and morphology testing, reflecting on her growth in the field and specialization in prenatal diagnostics.

#### **2. Ms. Vibha's Experience at Alcon Laboratories:**

Ms. Vibha provided an overview of her work as a Clinical Data Associate at Alcon Laboratories. She discussed the responsibilities of managing pre- and post-trial data and shared a detailed account of the services offered at Alcon, which range from surgical to feasible vision care. Using her personal MSc final-year project as an example, she provided guidance on how students can structure their projects to meet academic excellence. Furthermore, she offered valuable insights on the hiring processes in the industry and companies that students should consider applying to. Ms. Vibha also offered advice on preparing for competitive exams such as CSIR and GATE, helping students understand potential career opportunities in research and industry.

### **Learning Outcomes:**

- This seminar offered a clear perspective on two unique career paths: genetic counselling and clinical data management.

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DEPARTMENT OF BIOTECHNOLOGY



PRESENTS

*Alumni Interaction with*

MS. MONISHA MORRIS

&

MS. VIBHA CHETAN KUMAR

*For* PG BIOTECHNOLOGY STUDENTS

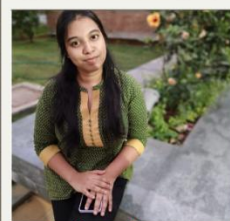
*Date* 14.09.24

*Time* 11:00AM TO 1:00PM

*Venue* PG BIOTECHNOLOGY LAB-1

*For further  
details contact*

Dr. Saranya Jayaram,  
Assistant Professor,  
Department of Biotechnology



*Ms. Monisha*

Genetic Counsellor and Research Officer,  
Centre for Human Genetics,  
Centre of Excellence for Rare Diseases,  
Bengaluru



*Ms. Vibha*

Alcon Laboratories