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**Date: 07<sup>th</sup> Feb. 2021**

## **CIRCULAR**

It is here by informed to all the students of School of Science, Sandip University, that the school of science is organizing **Alumni Talk** on **10<sup>th</sup> Feb. 2021 at 11:00 am.**

All the Students and Faculties are requested to join the program in time.

**Event Coordinator**

**Dean, School of Science**

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**Sandip University, Nashik (MS), India**

At Post Mahiravani, Trimbak Road, Nashik- 422213  
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## **SCHOOL OF SCIENCE**

### **Report on Alumni Talk**

**Academic Year:** 2020-2021

**Date:** 10/02/2021

**Duration:** 1 hr

**Speaker:** Mr. Kalpesh Wagh (Quality Control Officer, Millan Laboratories (India) Pvt. Ltd., Dahej, Gujarat)

**Audience:** Students of School of Science, Sandip University, Nashik

**Event Coordinator:**

1. Dr. Leena Patil

#### **Objective:**

- To provide students with insights into the diverse career paths available in the field of Chemistry.
- To expose students to real-world industry experiences and challenges.
- To inspire students to pursue their career goals with passion and dedication.
- To foster networking opportunities between current students and successful alumni.

#### **3. Overview of the Alumni Talk**

The session commenced with a welcome address by the Dean of school of science, who expressed gratitude to the alumni for taking the time to guide and mentor the current students. This was followed by a brief introduction of the speakers and their professional achievements.

He shared his journey from being students at Sandip University to securing jobs in well-reputed organizations. They discussed their academic experiences, challenges faced during placements, and the key skills that helped them succeed in the industry.

#### **4. Key Takeaways from the Session**

##### **A. Insights into the Industry**

The alumni highlighted the significance of the pharmaceutical and analytical chemistry industries, explaining the various job roles available for chemistry graduates. They provided insights into quality control (QC), quality assurance (QA), analytical research, and regulatory affairs, among other domains.

- Mr. Kalpesh Wagh elaborated on the importance of analytical techniques, including chromatography and spectroscopy, in quality assurance. He also discussed the importance of method validation, instrumentation, and troubleshooting techniques and emphasized the critical role of quality control (QC) in the pharmaceutical industry and explained the significance of compliance with regulatory guidelines such as Good Manufacturing Practices (GMP), Good Laboratory Practices (GLP), and the role of the Food and Drug Administration (FDA) in the industry.

##### **B. Essential Skills for Career Success**

The alumni speaker emphasized the need for students to develop both technical and soft skills to enhance their employability. They highlighted the following key skills:

###### **1. Technical Knowledge:**

- Strong grasp of analytical instruments such as HPLC (High-Performance Liquid Chromatography), GC (Gas Chromatography), UV-Visible Spectroscopy, FTIR (Fourier Transform Infrared Spectroscopy), and NMR (Nuclear Magnetic Resonance).

- Understanding of pharmaceutical regulations and quality control standards.
- Ability to work with laboratory management software and data analysis tools.

## 2. Soft Skills:

- Communication Skills: Essential for working in teams, writing reports, and interacting with regulatory authorities.
- Problem-Solving Abilities: Necessary for troubleshooting issues in laboratory processes.
- Time Management: Handling multiple projects efficiently in a fast-paced industry.

## C. Career Guidance and Placement Advice

A significant part of the session focused on career guidance. The alumni shared valuable advice on:

- Internships and Industrial Training:
  - He encouraged students to seek internships in pharmaceutical or analytical laboratories to gain practical experience.
  - Recommended students participate in workshops and certification courses in analytical chemistry to enhance their skill set.
- Resume Building and Interview Preparation:
  - Alumni suggested that students prepare a well-structured resume highlighting technical skills, project work, and internships.
  - He shared insights into common interview questions asked in pharmaceutical and analytical companies, such as:
    - Explain the working principle of HPLC.
    - How do you ensure quality control in a pharmaceutical plant?
    - What are the key regulatory guidelines in the pharmaceutical industry?
- Higher Studies and Research Opportunities:

- Some students expressed interest in pursuing higher education (Ph.D.) or research in chemistry-related fields. The alumni guided them on selecting the right universities and research topics, along with the importance of publications and academic collaborations.

### **5. Interactive Q&A Session:**

The session concluded with an engaging question-and-answer session, where students actively participated and sought guidance on various topics, including:

- The difference between quality control and quality assurance roles.
- The scope of chemistry graduates in different industries apart from pharmaceuticals.
- Tips for handling laboratory instruments efficiently.
- The significance of certifications such as ICH guidelines, GMP, and ISO standards.

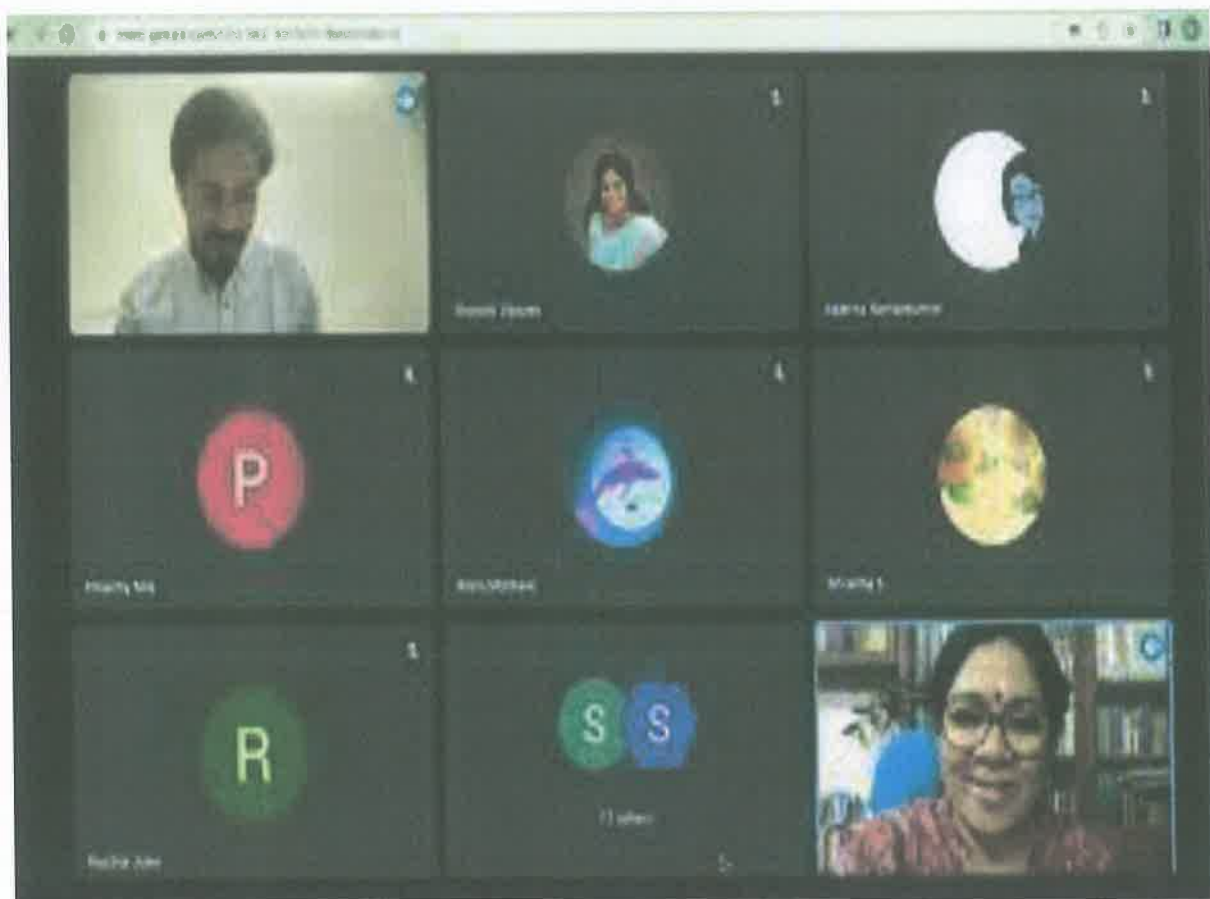
The alumni patiently answered all queries, providing practical solutions and recommendations based on their personal experiences.

### **6. Conclusion:**

The Alumni Talk was a highly informative and motivational session that successfully connected current students with industry professionals. It bridged the gap between academic learning and industrial applications, providing students with a clear roadmap for their future careers.

The school of science extended its heartfelt gratitude to the alumni for sharing their experiences and guiding students toward professional success. The event served as an inspiration for students to work diligently, upgrade their skills, and prepare for a rewarding career in chemistry-related fields.

This initiative also reinforced the strong relationship between Sandip University and its alumni, ensuring continuous learning and professional networking opportunities for students.



*Anjali*

Event Co-coordinator  
Department Of Chemistry

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Associate Dean  
School Of Science