



## The Oxford College of Science

Accredited by NAAC with A+ grade in cycle III

Recognized by the Govt. of Karnataka; Permanently affiliated to Bangalore University & Approved by AICTE, New Delhi

Recognized by UGC under section 2(f) & 12(B); Recognized by GoK for BISEP (formerly BTFS)

Supported by DST GoI under FIST program, Supported by DBT GoI under DBT-STAR College

### The Training & Placement Cell TOCS



**EVENT:** Career Counselling Program: “Road Map for Life Sciences-Professionals for Industry Career”

**DATE & TIME:** 11<sup>th</sup> September 2024, 10:30 AM, **VENUE:** Auditorium

**RESOURCE PERSON:** Dr. Ramgopal Rao S, Senior Academic Manager, Biocon Academy,

**NO. OF STUDENTS PARTICIPATED:** 140 PG Life Science students

**PROGRAMME COORDINATOR:** Dr. Imranul Haque, Asistant Director, Training & Placement Cell,

**Organizing Secretary** Dr. Sangita Roy, Dean , HR & Placement

A Career Counselling Program on “Road Map for Life Sciences-Professionals for Industry Career” was organized for all PG Biotechnology and other life science students. Students were introduced to the role of life sciences in achieving the United Nations' Sustainable Development Goals (SDGs). Key focus areas included Food and Nutrition, Health, Clean Water, Fuel, Climate Action, and the Environment. It also introduced the concept of the "Bio-Economy", covering sectors such as Biopharma, Bio-Industrial, and Bio-Agriculture. An overview of the Indian biotech industry was provided, highlighting the existence of over 600 core biotech companies, 5,000 startups, 65 bio-incubators supported by BIRAC, and approximately 1,400 FDA-approved manufacturing plants. Emphasis was given to the critical skills required for postgraduates, including technical knowledge in cell biology, biochemistry, and bioinformatics and practical training in techniques like cell culture and genetic engineering. The session also included an overview of the various divisions within the bio-industry, focusing on the essential skills needed for roles in quality control (QC), regulatory affairs (RA), and research and development (R&D).