



## **Bon Secours College for Women (Autonomous)**

NAAC Accredited with A++ Grade in cycle II

UGC recognized 2(f) and 12(B) Institution

Affiliated to Bharathidasan University, Tiruchirappalli

Vilar Bypass, Thanjavur- 613 006, Tamil Nadu

### **DBT STAR SCHEME: Strengthening UG Programmes**

#### **Department of Biotechnology**

**A Career Guidance Programme on "Skill Set for Pharmaceutical Industries"** was organized on 17th August 2024 in Classroom D138 at 11:45 AM. The session was led by **Mr. Rajasekar Narasimhan, Senior Medical Science Liaison at Novartis Healthcare Pvt. Ltd., Bangalore.**

#### **Expertise of Mr. Rajasekar Narasimhan:**

With 15 years of experience in the pharmaceutical industry, **Mr. Narasimhan** has worked across various therapeutic areas including immunology, metabolic disorders, and cardiovascular diseases. He currently supports and liaises for hematology therapy areas in the Southern Zone, particularly focusing on Chronic Myeloid Leukemia (CML) treatments such as Asciminib and Nilotinib. His achievements include receiving the BEST APMA Medical Excellence Award (SPARK) for Best Medical Role Play and the Best ASPIRE Project Award (IIM-A Project) in ASEM and ASAF, in addition to being recognized at the Best Performance Award event in Dubai.

**Mr. Narasimhan** began the session by discussing the recent MoU signed between the Armed Forces Medical Services (AFMS) and the Department of Biotechnology (DBT) for research in genomics, lifestyle diseases, and emerging diseases. He emphasized the critical role of biotechnology in healthcare, particularly highlighting India's contribution during the COVID-19 pandemic as the "Pharmacy of the World," where India supplied over 10 million doses of the AstraZeneca-Oxford vaccine.

He also explained how clinicians and scientists collaborate in the drug development process, moving from bench to bedside. The session covered the CRISPR-Cas system and the impact of precision medicine in therapy. Mr. Narasimhan provided insights into the Indian healthcare system, which is projected to reach a value of 372 billion USD. He outlined the

various roles biotechnologists play in the pharmaceutical sector, including quality control, regulatory affairs, patient safety, clinical trials, and scientific research.

**Additionally, Mr. Narasimhan** discussed key diagnostic companies such as Dr. Lal Path Labs Ltd., Metropolis Healthcare Ltd., SRL Diagnostics, and Thyrocare Technologies Ltd., and the opportunities they offer. He also highlighted government initiatives like "Make in India," "Pharma Vision," and National Biotechnology Development, which aim to promote biotechnology-based career opportunities in India.

The session provided students with valuable insights into the skills needed to excel in the biotechnology industry and the wide range of career paths available in this rapidly growing field. A total of 95 students and 5 faculty members actively participated in and benefited from this program.

### Photo gallery

