



GCRJY

GOVERNMENT COLLEGE, RAJAHMUNDRY
AUTONOMOUS - NAAC - A+

29-10-2024

Guest Lecture

Career Opportunities in Pharmaceutical Industry

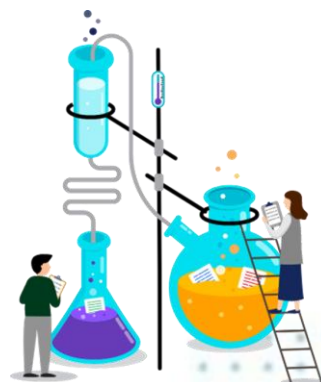


Dr. Srinivas Kalidindi

Syngene International Ltd, Biocon
BMS Research and Development
Centre [BBRC]

Organised by

Department of Chemistry



BBRC Syngene

WE ARE HIRING!

Research Investigator - ARD

Requirements:

- The candidate should have a good educational and theoretical analytical chemistry background.
- The candidate should understand method development, method validation and routine analysis and possess very competent analytical skills.
- Good understanding of documentation as per GMP requirements (SOP's/MSD notebook).

Experience:

- 0-2 yrs with Ph.D.

Submit your CV at: swetha.pawate@syngeneintl.com

research_times

Organic Chemistry Career Path

Organic chemistry is the study of carbon-containing molecules. Carbon is the very basis of all life. Hence, organic chemistry studies encompass a wide range of sectors such as medicine, agriculture, pharmaceutical, industrial, and environmental. An organic chemist has abundant, lucrative options in the scientific community in the industry or academia.

Organic chemistry is used prominently in the following industries:

Chemical – The chemical industry enables the conversion of raw materials into useful and marketable products through chemicals. Thousands of products that result from this industry end up in various other industries—for example, plastics, polymers, textiles, metals, refined energy fuels.

Pharmaceutical – Organic chemistry knowledge is highly sought after in pharma companies where drugs, ligands, and adjuvants are analyzed quantitatively and qualitatively for the right composition, purity, and safety. Organic chemistry is used in the quality control, analysis, and regulation of these pharmaceutical products.

Biotechnology – Biotechnology is a vast interdisciplinary field that seeks the knowledge of various other fields. Organic chemistry in the biotech industry is used for healthcare, agriculture, biodegradable, and environmental applications.

Petroleum – The energy industry carries out the production and use of various fuels such as natural gas, petroleum, etc. Organic chemistry is used extensively to refine and facilitate the most beneficial use of petroleum and its products.



Skill Required in Pharmaceutical Chemistry

Pharmaceutical chemists must have good written and verbal communication skills which are invaluable assets when interacting with scientists from other disciplines and must be team players in the drug discovery process.

Other required skills include

Synthetic organic chemistry skills

Ability to purify drugs and intermediates

Spectroscopic techniques

Broad understanding of biological roles drugs

Teamwork and interpersonal skills

Good communication skills

Pharmaceutical Chemistry Job Prospects

Drug Discovery & Development (CADD)

Organic & Medicinal Chemistry Division

Pharmaceutical Manufacturing Division

Pharmaceutical Bulk Drug Division

Pharmaceutical Analytical R & D



Organic Chemistry Career Path





Felicitation to
Dr. Srinivas Kalidindi
Lead Investigator, BBRC,
Syngene International Limited,
Bangalore, India



The Biocon Bristol Myers Squibb Research & Development Center (BBRC) is a collaboration between Bristol Myers Squibb and Syngene International, a Biocon-group company, and is based in Bangalore, India. Fully operational since 2009, the site is involved in Target Identification, Lead Discovery and Lead Optimization all the way through to early stage Pharmaceutical Development and Clinical Biomarkers R&D.

రాజమహేంద్రవరం

బుధవారం 30 అక్టోబరు 2024



అతిథి ఉపన్యాసం

దేవీచౌక్: ప్రభుత్వ ఆర్ట్స్ కళాశాల రసాయన శాస్త్ర విభాగం ఆధ్వర్యంలో ప్రముఖ ఔషధ సంస్థ బయోకాన్ కు చెందిన శాస్త్రవేత్త కె. శ్రీనివాస్ ఎమ్మోస్నీ విద్యార్థులకు మంగళవారం అతిథి ఉపన్యాసం ఇచ్చారు.

