



**ST ALOYSIUS COLLEGE
(AUTONOMOUS)
MANGALORE 575 003**

DEPARTMENT OF
CHEMISTRY

Offers

Online Certificate Courses
in

- 1. Instrumental Methods & Separation Techniques in Chemical Analysis**
- 2. Forensic Chemistry – Scientific Approach to Crime Investigations**
- 3. Online Tools In Chemical Research**
- 4. Application of Analytical Chemistry in Food Laboratories**
- 5. Chemistry Drawings using Chems sketch Software**

Apply online

Register before November 25, 2021



For Registration Click Here:
<https://bit.ly/3mi4cwA>

OR



3. Online Tools in Chemical Research

Course Coordinator: Dr Roshan F DSouza

Objectives: This 30-hour online programme seeks to familiarize students with different aspects of research such as literature, journals, and patents as well as some of the software and online tools available. At the end of the course, participants will be familiar to concepts such as research proposals, publications, impact factor, plagiarism and make independent search and inquiries.

Highlights: Practice sessions on writing research proposals and basics of research publications.

Eligibility: All B.Sc. / M.Sc. students who have studied chemistry at graduate level.

Contents: Research objectives, importance and approaches; Selecting research areas, developing research plan and writing research proposals. Publications – types, examples, structure, citations, impact factor, H-index; Patents – introduction and types, intellectual property, copyrights and plagiarism; Conferences and scientific community; Safety in chemical research – hazards and prevention; Software – Introduction to Origin and EndNote. Online search engines – examples and applications.

Learning outcomes: After successful completion of this course candidate will be familiar to different research approaches in chemistry.

Course duration: 30 hours

Time: 5.00 – 6.30 pm (Once a week)