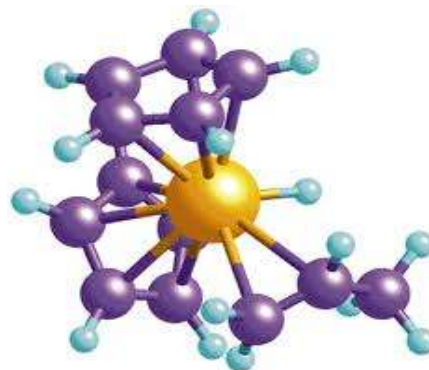


# DEPARTMENT OF CHEMISTRY

Home > Department of Chemistry

## History:



Basaveshwar Science College ( A College with Potential for Excellence), Bagalkot has been established as an Arts & Science College in the year 1945 by B.V.V.Sangha Bagalkot. Chemistry as one of the major and minor subject has been introduced in the same year. Basaveshwar Science College was bifurcated in the year 1967. It is the only Independent Science College in the twin districts Bagalkot and Bijapur District. Since its inception, the Department offers Chemistry as Major and Minor subject. Now the students study Chemistry as one of the optional subjects. The Department is showing exponential progress rate. At present there are six well equipped laboratories. There is a newly established Research Laboratory with essential equipments like UV-Vis Spectrophotometer, IR Spectrophotometer, HPLC, Flame photometer, Nephelo Turbidometer etc useful for the students and staff in continuing the research work. This academic year (2019-20), there are 950 students studying in UG and PG.

There are five experienced and devoted faculty members with two Ph.D. holders. Seven faculties have been appointed by the management. Our faculty members are engaged in Research Work in different areas like Organic Synthesis, Coordination Chemistry, Bioorganic/ Inorganic Chemistry, Peptide Synthesis, Polymer and Nano-materials Chemistry. In last few years there are 35 papers have been published in national and international repute. The department conducts Industrial study tour for VIth semester students annually. The Department of Chemistry organizes various seminars/workshops every year for the benefit of students and staff. During 2020-21, a National level seminar and workshop in chemistry for teachers and students was organized in the college about 150 delegates participated in each event. The department conducts project work for VIth semester students annually.

The Members of staff have published Research papers in national/international journals and have attended various national /international seminars/workshops.

## **Objective:**

- The main objective of the discipline is to introduce and expose the subject to the students of rural and urban area
- To enable the students is to understand, the utility of different chemical processes of industrial importance.
- To expose the students to the state of skill, additional knowledge and management techniques industrial study tours are being arranged every year.
- To conduct training programmer for college teachers.

## **Courses Offered:**

- Under Graduate (B.Sc)
- Post Graduate (M.Sc): Post Graduate Course has been introduced in the year 2011 with an intake of 30 students.

## **Research:**

Department staff is engaged in Research Work with different areas like Organic Synthesis, Coordination Chemistry, Bioorganic/ Inorganic chemistry, Peptide Synthesis and Polymer and Nano-materials Chemistry. In last few years there are 35 papers have been published in national/international journals and have attended various national /international seminars/workshops.

- MOU with Esaar Laboratory Hubli
- MOU with Horticulture University. Bagalkot.
- MOU with Cement Factory, Bagalkot