

CHEMISTRY

About the department:

Chemistry is one of the important department in the faculty of science was established in 1967. The department has been providing the need based quality education to the students. over the last 55 years, the department has built up its reputation as one among the best. At present the department has experienced and dedicated faculty to mentor and guide the students.

The syllabus offered at undergraduate level is aimed at providing a strong foundation of the subject and make them proficient in both theory and practicals. The college central library consists of 1895 chemistry books with titles 651, e-journals and INFLIBNET services. The department has three well equipped laboratories to cater the needs of the students.

Chalk and talk teaching is the primary mode of teaching, in addition to this charts models, videos and power point presentations are also used as teaching aids. students are encouraged to develop the habit of self study and use of the library for reference work. The department organizes special lectures by inviting eminent scholars. Students are encouraged to participate in workshops, seminars and exhibitions conducted by reputed organizations. Industrial visit helps to motivate students to brush up their knowledge and to pursue higher education

The department has an MOU with “central institute of plastic engineering and technology” (CIPET) Mysuru for faculty exchange program and to perform internship and projects. In order to promote and encourage the students to excel in their studies cash prizes have been awarded to the meritorious students.

Vision :

- ◆ To provide high quality value based education to meet the global challenges.

Mission:

- ◆ Foster creativity in teaching and learning.
- ◆ To build a knowledge base and promote quality initiative.

Programmes offered:

Under National education Policy-2020 Chemistry is offered in the following programmes

B.Sc. Physics, Chemistry(**PC**)
B.Sc. Chemistry, Botany(**CB**)

Under CBCS scheme Chemistry is offered in the following programmes:

B.Sc. Physics, Chemistry, Mathematics (**PCM**)
B.Sc. Chemistry, Botany, Zoology (**CBZ**)

Objectives of the programme:

- To lay a meaningful foundation in chemistry which includes scientific reasoning and analytical problem solving with a molecular perspective.
- To provide necessary skills required to succeed in post graduate studies, chemical industries and in research field.
- To make aware the students to a broad breadth of experimental techniques using modern instrumentation.
- To develop a scientific temper.

Curriculum :

1.NEP Semester scheme for 1st and 2nd semester

2.CBCS semester scheme for 3rd ,4th ,5th and 6th semesters

Syllabus

[Click here for detailed syllabus](#)

Course structure:

Semester	Course opted	SEC course	Credits
I	DSC-1 (NEP) Theory -A1 Practicals- P1		6
II	DSC-2 (NEP) Theory –A2 Practicals- P2		6
III	DSC-2C (CBCS) Theory +Practicals		6
IV	DSC-2D (CBCS) Theory +Practicals		6
V	DSE-2A (CBCS) Theory +Practicals	SEC-1 SEC-2	8
VI	DSE-2B (CBCS) Theory +Practicals	SEC-3 SEC-4	8

Laboratory facilities:

The Department has 3 laboratories

Laboratory for Organic Chemistry

Laboratory for Inorganic Chemistry

Laboratory for Physical Chemistry

Reagent preparation room

Two Store rooms

Staff room

Learning resources :

- Central library with 1895 books with 651 titles, journals and INFLIBNET services
- E-Learning resources
- Department library
- Charts, molecule building models.
- Special lectures, workshops, seminars.

Department faculty details

G Siddaraju., M.Sc., M.phil

Principal

siddarajusiddu1964@gmail.com

9845031622



Contact details of HOD

Ms Sowmya M, M.Sc.,

sowmyamsow821@gmail.com

7829989912



Mr Tanay kumar M N, M.Sc., B.Ed.

tanaykumarmn@gmail.com

9483901051



Ms Rashmi R, M.Sc.,

rashmipatelshekar@gmail.com

8904979416