

Office of the Principal

Sant Shiromani Guru Ravidas Government College Sargaon, Dist-Mungeli (C.G.)

(College Code-2904) www.ssgrgcsargaon.ac.in email- ssrgovtcollegesargaon@gmail.com


Syllabus/Course Out come

Class- B. Sc. I, II & III

Subject – Chemistry

The syllabus of Chemistry at under-graduate level which is taught in this college cover all aspects of classical and modern chemistry. It helps in developing understanding of major concepts, theoretical principles and experimental findings of the subject in students. Students learn to develop the ability of critical thinking and efficient problem solving skills in the four basic areas of chemistry viz; analytical, organic, inorganic and physical. It throws light on the nature and purity of crystals, kinetics of chemical reactions, nature and function of biomolecules like DNA, RNA hemoglobin and many organometallic complexes, nature and classes of dyes and other organic chemicals/reagents. It provide an opportunity to learn about the possibility of development of pharmaceutical compounds from certain heterocyclic compounds and their analogues. Students learn about the basic ideas of quantum chemistry. Moreover, they are subjected to learn about the structure and function of basic instruments like colorimeter, spectrophotometer, pH meter, chemical balance etc. Techniques like PAGE, SDS-PAGE, paper chromatography, column chromatography, ion-exchange and affinity chromatography, spectrophotometry, spectroscopy etc are learnt by students. Besides all these, students are also taught to remain curious, vigilant and disciplined in chemistry laboratory so that accidents can be avoided.

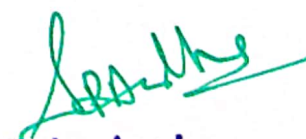
Certified



Dr. Sandhya Patel

Asstt. Professor

Dept. of chemistry



Principal
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