



Science

Attainment of knowledge and skill

- Students get advanced knowledge of area of emphasis, skilled in collection, analysis and reporting the data of various science subjects, students are able to apply scientific methods and recognize the dynamic relation between science and society.
- Students can address the current problems, which are facing local and global communities, like Environmental change, diseases and sustainable energy use
- Students can apply their wide understanding and knowledge of science across range of field with in depth knowledge, express the various methods and theories of science, and explain why scientific knowledge is important.
- Students become skilled in critical thinking, analytical reasoning and numerical skills.
- Gain the awareness of career option in various streams of science.

Communication Skills.

- The students become capable to express their scientific ideas orally and in writing.
- Students can interpret current scientific concept also apply research method, skills for conducting research in chosen scientific area.

Expertise in technology.

- Students become skilled in lab techniques and instrumentation.
- Students also learn to use technology, scientific software and their use in various fields.

Improvement and development of skills to conduct research

- Students can investigate problems and solution related with science, industry and society.
- Students can analyze, discuss and communicate research finding in scientific research paper.
- Students learn how to generate and implement their scientific thoughts.
- Students learn to analyze the research problem and data.
- The study of science enables students to be well informed and responsible citizens.