

Programme outcome of B. Sc Programme:

1. Fundamental knowledge of science

Understood the basic concepts, fundamental principles and the scientific theories related to various scientific phenomena and relevancies in day to day life .Acquired knowledge access a range of fields with in-depth knowledge in at least one or more disciplines. Demonstrating & understanding of the local and global context in which science is practiced.

2. Analyzing problem:

Identifying, formulating, analyzing a scientific problem data both critically and systematically to draw an objective. Developing skills to reach a substantial solution and presenting them in an effective and efficient manner.

3. Designing of solution:

Using research based knowledge and research methods including designation to solve problems of a science discipline including its data interpretation & synthesis of information to conduct a valid conclusion in significant project, problem or investigation forms. To design safety and interpret scientific research knowledge needs to be acquired and performing laboratory experiments.

4. Conduct investigation of complex problem:

Skills to observe complex problems and drawing logical inferences from scientific experiments. Analyzed the given scientific data critically and systematically and the ability to draw the objective conclusions.

5. Modern tool usages

Create, select, and apply appropriate techniques, resources and modern IT tools to investigate problems. Gets exposure of a breadth of experimental techniques using modern instruments.

6. Science and society

Developed scientific outlook that in either subjects like humanities ,performing arts, social sciences etc can have great and effectively influence which inspires in creation of new scientific theories and innovations..This new scientific innovations leads society more civilized.

7. Environment and Sustainability

Realised how science developments helps in development of other science subjects and how interdisciplinary approach helps in providing better solutions and new ideas for sustainable developments.

8. Ethics

Imbided ethical principles and learn professionalism and responsibilities and norms of scientific practices to work in team leading to highly cultured and civilized personality.

9. Individual and team work

Functions effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings to accomplish common goals and demonstrate professional behaviour.

10. Communication

Develop various communication skills on scientific activities with science discipline community and society. Develop to communicate convincingly and effectively about scientific information and research results in written and oral formats for future contributions to expert and non-expert audiences.

11. Lifelong learning

Pursuing knowledge, a lifelong activity and the need for and have preparation and ability to engage in independent and lifelong learning in bright context to technological changes to achieve success.

12. Social interaction

Interact with society, find a job and earn daily wages.

13. Awareness generation

Get information about scientific theories. Develop criteria to organize and present different type of work in academic and professional environments.