

## Program Outcomes:

### Programme Outcomes (Under Graduate Level)

#### • Faculty – Science

##### **After graduating from science faculty, a student should have:**

- Acquired knowledge with facts and figures related to various subjects in basic sciences such as Physics, Chemistry, Biology, Mathematics, etc.
- Understood the basic concepts, fundamental principles, and scientific theories related to various scientific phenomena and their relevance in day -to-day life.
- Acquired skills in handling scientific instruments, planning and performing laboratory experiments noting down the observations and drawing logical inferences from them. Analyzed the given scientific data critically and systematically and drawing objective conclusions.
- Been able to think creatively (divergently and convergent) to propose novel ideas in explaining facts and figures or providing new solution to the problems.
- Realized how developments in any one -science subject help in the development in other science subjects and vice -versa and how interdisciplinary approach helps in providing better solutions and new ideas for sustainable developments.
- Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.
- Realized that knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc can greatly and effectively influence & inspire in evolving new scientific theories and inventions.
- Imbibed ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.
- Developed various communication skills such as reading, listening, speaking, etc., which will help in expressing ideas and views clearly and effectively.
- Realized that pursuit of knowledge is a lifelong activity and in combination with untiring efforts and positive attitude all necessary qualities for leading a successful life. Developed a flair for participating in various social and cultural activities voluntarily, in order to spread knowledge, creating awareness about the social evils, blind faith, etc.

## Programme Outcomes (Post Graduate Level)

### • Faculty – Science

**After completing the post graduation studies in any subject belonging to science, the student should have...**

- Acquired a deep knowledge on possible in the subject concerned by making use of reference books, research journals & periodicals, internet, etc.
- Known in detail how the subject matter has progressed from ancient times till the date with important discoveries, inventions, theories, the scientists who contributed to this.
- Understood how scientific theories are proposed and how they are accepted or rejected by experimental evidences.
- Judged the presently accepted theories by considering their strength and weakness and provide better explanations for the modification or improvement of the theory.
- Explained how the subject has influence the progress in the other areas of science and technology useful in the betterment of life of common man.
- Acquired high level skills in laboratory experimentation and inferring the logical conclusions.
- Participated in Project works, doing independent designing & execution of the research work.
- Participated in seminars and workshops and acquires theoretical thinking skills and practical skills.
- Developed the faculty of creative thinking (Convergent & divergent) to provide solutions to the unsolved problems or designing new experimental verification procedures.
- Conceived where and how subject knowledge can be used in future for a betterment of mankind.
- Recognized the areas where there is no further research work done or the areas which are not yet explored.
- Taken up an independent research project in a R & D organization or in any industrial organization.
- Developed a strong faith that ethical, moral and social values are necessary for pursuing a scientific career.
- Accepted that scientific knowledge plays most important role in overcoming social evils, blind faith, poverty, health issues, and can certainly improves the quality of human beings.
- Comprehended necessary measures for sustainable development and controlling environmental pollution hazards.

## Programme Outcomes (Undergraduate Level)

### • Faculty – Arts / Humanities / Social Sciences

- Acquired knowledge with facts and figures related concerned with subjects such as History, Geography, Economics, Languages, etc.
- Understood the basic concepts, fundamental principles, and various theories in the above mentioned subjects.
- Realized the importance literature in creating aesthetic, mental, moral, intellectual development of an individual and increasing a healthy society.
- Understood how issues in social science influence literature and how literature can provide solutions to the social issues.
- Gained the analytical ability to analyze critically the literature and social issues, appreciate the strength and suggest the improvements for better results. Appreciated that social issues are no longer permanent and largely depend on political, economical changes and also on the developments in science and technology.
- Convinced himself/herself that study of literature and social sciences not only help to evolve better individual and better society but also help to make the life of an individual more happy and meaningful .
- Participated in various social and cultural activities voluntarily.
- Written articles, novels, stories to spread the message of equality, nationality, social harmony, etc.
- Emerged as a multifaceted personality who is self dependant; earning his own bread and butter and also creating opportunities to do so.
- Realized that pursuit of knowledge is a lifelong process and in combination with untiring efforts and positive attitude are necessary qualities for leading a successful life.
- Developed various communication skills such as reading, listing, speaking, etc., which will help in expressing ideas and views clearly and effectively.

## Programme Outcomes (Post Graduate Level)

### • Faculty – Arts / Humanities / Social Sciences

- After completion the Post Graduation in Humanities, the student should have -
- Acquired a deep knowledge as possible in the subject concerned by making use of reference books, research journals, periodicals and internet facilities. Known in detail how the subject matter has developed from ancient time till this date with important landmarks, theories and people have contributed to achieve these.
- Critically evaluated the works of various authors or social scientists by considering the strength and weakness and suggestions probable modifications for improvement.
- Understood how the developments in the field of Humanities have improved the quality of life and how they have satisfied the aspirations, intentions likes and dislikes and how they could modify them.
- Realized how the studies in Humanities have led to various social, economical, political changes over last few centuries.
- Predicted the future course of the developments in the subject and the various factors that are likely to influence them and how they will change the life of common man.
- Taken up an independent research project, plan and execute it and present the results and conclusions systematically at the end.
- Taken up independent creative writing or various aspects in literature, social, economic political, environmental issues in the form of story, poetry, research articles, reports, etc in various periodicals & journals.
- Recognized the areas where there is no further research work or areas which are not yet explored.
- Developed a strong belief that study of humanities will lead to development of soul, giving immense pleasure & satisfaction for any individual.
- Recognized that studies in humanity will dissolve differences & inequalities due to caste, creed and religion, social status etc leading to human dignity which will help to create social & national integration.
- Participated & led various activities related to literature & social issues in order to create social awareness and harmony.