

BA Program

Program Objectives:

To enable students to:

- Develop their intellectual potential
- Stimulate critical thinking and discernment
- Teach self-reliance
- Bring about awareness
- Inculcate sensitivity and humaneness
- Foster an identity

Program Outcomes:

Students will be able to:

- Develop their full intellectual potential through an extensive and collaborative academic experience.
- Analyse and discern different situations and develop value-based convictions.
- Develop a degree of self-reliance that will enable them to respond with courage and sensitivity to personal and social issues.
- Understand and respond constructively to women's issues, human rights and environmental issues.
- Look at the world from the perspective of the less privileged and respond with concern and in a humane manner.
- Be a part of this globalised world with a sense of a secular and multicultural national identity as well as respect for and tolerance of all cultures and religions.

BSc. Program

Programme Objectives:

- To build a strong multidisciplinary knowledge base
- To train students in basic laboratory skills
- To encourage students to think critically, reason logically and evolve problem solving skills
- To provide opportunities for developing effective communication skills
- To promote leadership qualities and team player skills
- To generate awareness of the local and global issues related to sustainability
- To encourage students to reflect on ethical values and their responsibility towards societal issues

Programme Outcomes:

The students will be able to –

- Build a strong foundation in core concepts of science
- Understand the interconnectivity of various scientific fields
- Handle challenges of higher education, research and industry
- Express themselves effectively and concisely
- Lead and collaborate on professional projects
- Engage in service to the society

BSc. IT Program

Programme Objectives:

The B.Sc. Information Technology programme is a systematically designed course with an aim to make the students employable in software industry and impart industry-oriented training. The main objectives of the course are:

- To think analytically, creatively and critically in developing robust, extensible and highly maintainable technological solutions to simple and complex problems.
- To apply their knowledge and skills to be employed and excel in IT professional careers and/or to continue their education in IT and/or related post graduate programmes.
- To be capable of managing complex IT projects with consideration of the human, financial and environmental factors.
- To work effectively as a part of a team to achieve a common stated goal.
- To adhere to the highest standards of ethics, including relevant industry and organizational codes of conduct.
- To communicate effectively with a range of audiences both technical and non-technical.
- To develop an aptitude to engage in continuing professional development.
- To imbibe quality software development practices.
- To create awareness about process and product standards
- To prepare necessary knowledge base for research and development in IT.
- To help student's build-up a successful career in IT.

Programme Outcomes:

The syllabus is aimed to achieve the objectives. The syllabus spanning three years covers the industry relevant courses. The students will be ready for the jobs available in different fields like:

- Software Development (Programming)

- Website Development
 - Mobile app development
 - Embedded Systems Programming
 - Embedded Systems Development
 - Software Testing
 - Networking
 - Database Administration
 - System Administration
 - Cyber Law Consultant
 - IT Service Desk
 - Security
 - Artificial Intelligence
 - Data Science
- And many others

The students will also be trained in communication skills and green computing.

BA(SCJ)/BMM Program

Programme Objectives:

1. To give learners in the programme a clear introduction to mass media as an all-encompassing ideological and communication experience globally
2. To enable learners in the programme to understand the political, economic, social, cultural and environmental implications of consuming media messages
3. To provide learners of the programme the opportunities to acquire the necessary skills to produce forms of media messages and content from strategic communication (including advertising, branding, public relations, media planning, and digital marketing) to journalism across different platforms
4. To train learners in the programme through contemporary theory and practical application, in their role as future creators of media messages in a constantly evolving and demanding industry
5. To teach learners in the programme the need for the ethical application of the ideas taught in the programme to become responsible consumers and producers of media content

Programme Outcomes:

At the end of three years of the BA(SCJ) programme, the students will:

1. Examine mass media as an all-encompassing ideological and communication experience globally

2. Discuss and investigate the political, economic, social, cultural and environmental implications of consuming media messages
3. Design and create media messages and content, from strategic communication (including advertising, branding, public relations, media planning, and digital marketing) to journalism across different platforms
4. Evaluate, through contemporary theory and practical application, their role as future creators of media messages in a constantly evolving and demanding industry
5. Prioritise the need for the ethical application of the ideas taught in the programme to become responsible consumers and producers of media content

M.Sc. Program

Programme Objectives:

- To promote acquisition of in-depth knowledge of subject and stay up to date with the recent advances in the subject.
- To provide training in handling and use of sophisticated laboratory equipment
- To promote an understanding of research methodology.
- To foster critical thinking skills and promote problem-solving abilities.
- To encourage learners to take up higher level research opportunities.
- To provide opportunities for developing essential soft skills and improving scientific writing.
- To instill an understanding of the importance of adhering to ethical and legal guidelines while working in industry and conducting research.
- To create awareness of comprehensive knowledge in compliance with regulatory requirements
- To inculcate an entrepreneurial mindset.

Programme Outcomes:

The learners will be able to –

- Become independent in their learning process.
- Design and execute research projects.
- Analyse and interpret data to draw meaningful conclusions.
- Gain experience in communicating their work to a broader audience.
- Meet skill requirement of industry and research.
- Navigate ethical dilemmas that may arise in their work.
- Identify opportunities, take risks, and create innovative solutions to real-world problems.
- Turn out as responsible professionals who contribute positively to the society.

MA Program

Program Objectives:

- To train students at an advanced level in specific fields of study in order for them to continue graduate studies or to meet professional goals.
- Achieve mastery of a broad area of learning.
- Participate in and conduct original research.
- Train to be specialists in the discipline.
- Enforce and condition abilities for life-long plan for learning.
- Familiarise with various contexts and backgrounds of the areas of study

Program Outcomes:

- Attainment of knowledge in Discipline.
- Trained to acquired skill to function in multidisciplinary fields.
- Attained ability to exercise Research Intelligence in investigations and Innovations.
- Learnt Ethical Principles and be committed to Professional Ethics.
- Incorporated Self-directed and Life-long Learning.
- Obtained Ability to work in diverse contexts with Global Perspective.
- Attained maturity to respond to situations in a composed way.

Ph.D. Program

Program Objectives:

- To impart an in-depth knowledge of research methods and research methodology that would equip the researchers to undertake challenging research problems for societal benefits.
- To gain expertise in core subject of the research discipline to bridge the gaps in specific research skills
- To orient the researchers to the ethics in research and publication and also to the good laboratory practices that serve as a foundation for quality research.
- To enhance ICT skills for research analysis and presentation
- To provide opportunity to get involved in the research related activities within the institution.

Program Learning Outcomes:

- Researchers would be able to carry out systematic research study independently by developing the research outline with a well-structured experimental design.
- Researchers would gather comprehensive knowledge about the field of research through extensive literature reading and course work.
- Researchers would demonstrate academic integrity by carrying out ethical research practices and by using plagiarism detection software tools, giving appropriate citations and acknowledgements and all such governing norms.
- Researchers would be able to prepare themselves for a productive research career by publishing research papers, presentations at research conferences, and writing grant proposals.
- Researchers would participate in various academic activities that promote scientific aptitude such as workshops, interdisciplinary research seminars, popular science article writing, etc. demonstrating the values of our institutional research culture.

Quality Assurance in the Foods, Pharmaceuticals & Allied Industries Program

Program Objectives:

Postgraduate Diploma in Quality Assurance in the Foods, Pharmaceuticals & Allied Industries Program objectives: Started with the prime objective of training Science graduates as Quality Professionals, the course seeks to bridge the gap between academia and industry. Students are exposed to the various aspects of 'Quality' as applied to Foods, Pharmaceuticals and Allied Industries enhancing their career prospects.

Program outcome:

Students develop a sensitivity to 'Quality' and 'Integrity' in every aspect of their work and professional conduct. They acquire the practical expertise and soft-skills required to function successfully in Industry and are able to apply 'Quality' concepts in any Food, Pharmaceutical or Allied Industry. On completing the program students are ready to join Industry to pursue a variety of 'Quality' related careers