## UNDERGRADUATE PROGRAMMES BA/BSc/BCom/BVoc

| BA English Language and Literature |   |  |
|------------------------------------|---|--|
| PSO1                               | To acquaint the students with the different forms of literature so as to develop in them an ability to understand and appreciate literary pieces  |  |
| PSO2                               | To enabling the learners to develop multidisciplinary approach and to interact critically with writings from social, political, economical, historical, national and philosophical contexts   |  |
| PSO3                               | To enhance the employability of the students by developing communication skills and providing training in vocational courses.   |  |
| BA Eco                             | BA Economics  |  |
| PSO1                               | To provide a well- founded education in Economics, to prepare graduates for employment, to provide them opportunity to pursue courses that emphasise quantitative and theoretical aspects of Economics,   |  |
| PSO2                               | To provide them with the opportunity to focus on applied and policy issues in Economics   |  |
| PSO3                               | To provide programmes that allow students to choose from a wide range of economic specialisation and to provide a well-resourced learning environment for Economics   |  |
| PSO4                               | To develop the ability to apply the principles of Economics in everyday life.   |  |
| PSO5                               | To create capacity to develop solutions to various economic problems.   |  |
| PSO6                               | To equip the students for employment and further study in economics.  |  |
| BA Poli                            | BA Political Science  |  |
| PSO1                               | The main purpose of the programme is to deepen the knowledge and understanding political ideas, ideologies, institutions, policies, processing and behaviour as well as groups, classes, government, diplomacy, law, strategy etc. It also intended to create |  |

|        | awareness about the mechanisms and constitutional systems of modern government.  |  |
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| PSO2   | To analyse the fundamental concepts, characteristics, and theories central to comparative politics and international politics  |  |
| PSO3   | To solve complex problems by demonstrating a mastery of substantive knowledge in the discipline's main subfields;  |  |
| PSO4   | To follow scientific and humanistic methods to design and carry out politically oriented research projects by utilizing sufficiently advanced social research methods                    |  |
| PSO5   | To communicate effectively political knowledge to general audiences as well as colleagues in the field.  |  |
| PSO6   | To identify key questions, fundamental concepts, and theoretical frameworks critical to an understanding of the political theory   |  |
| BA Mas | BA Mass Communication & Journalism   |  |
| PSO1   | Acquisition of an all-round perspective and clarity of understanding in the discriminative and effective use and design of audio - visual, film and journalistic media for communication |  |
| BSc Ma | BSc Mathematics  |  |
| PSO1   | To attained a foundation in basic mathematics and other relevant subjects to complement the core for their future courses  |  |
| PSO2   | They will be familiar with additional relevant mathematical techniques like calculus, theory of equations and geometry.  |  |
| PSO3   | They will be familiar with a range of topics in almost all areas of mathematics and had experience of independent works such as project, seminar etc.                                    |  |
| PSO4   | To learn powerful tools for talking topics in theory of equations  |  |
| PSO5   | To learn powerful tools for talking topics in geometry   |  |
| PSO6   | To get an introduction to almost all areas of Mathematics  |  |

| BSc Physics |  |  |
|-------------|--|--|
| PSO1        | Understand the concepts and significance of the various physical phenomena.  |  |
| PSO2        | Apply the theories learnt and the skills acquired to solve real time problems.   |  |
| PSO3        | Acquire a wide range of problem solving skills, both analytical and computational and to apply them.   |  |
| PSO4        | Motivate students to higher studies and research in different areas of basic and applied Physics.  |  |
| PSO5        | Enhance the student's academic abilities, personal qualities and transferable skills to develop as responsible citizens.   |  |
| BSc Ch      | BSc Chemistry  |  |
| PSO1        | To provide a firm foundation in every aspect of Chemistry and to explain a broad spectrum of modern trends in chemistry and to develop experimental, computational and mathematics skills of students. |  |
| PSO2        | To solve the problem and also think methodically, independently and draw a logical conclusion.   |  |
| PSO3        | To gain the knowledge of Chemistry through theory and practicals   |  |
| PSO4        | To develop skills in the proper handling of apparatus and chemicals  |  |
| PSO5        | To understand the basic concepts, fundamental principles, and the theories in Chemistry and their relevancies in the day-to-day life.  |  |
| PSO6        | To understand good laboratory practices and safety   |  |
| BSc Bo      | BSc Botany   |  |
| PSO1        | Encouraging the broad instructional goals and to support the growing demands and challenging trends in the educational scenario.   |  |

| PSO2                                | It targets at providing an environment that encourages, promotes and stimulates the intellectual, professional and personal development of the student.   |
|-------------------------------------|---|
| PSO3                                | To make the students realize the applications of different fields of Botany commercially, ecologically and industrially.  |
| PSO4                                | To enable the students to appreciate the contributions of the scientific community and to develop a deep sense of research aptitude in them.  |
| PSO5                                | To enhance the skills of students in various techniques used in Botany for the collection, preservation, propagation, breeding etc.   |
| PSO6                                | To ensure that the students are equipped with expertise to make use of the opportunities and to tackle the challenges in the field of Botany.   |
| PSO7                                | Know the importance and scope of the discipline, impart knowledge of science as the basic objective of Education, develop skill in practical work, experiments, equipment and laboratory use along with collection and interpretation of biological materials and data and appreciate and apply ethical principles to biological science research and studies |
| B.Sc Food Science & Quality Control |   |
| PSO1                                | To train the students to be competent working professionals in the food industry, in the production of quality food by imparting better nutritional, sanitation & hygiene concepts.   |
| PSO2                                | To encourage students to the entrepreneurs and develop the capacity for setting up small scale enterprises with respect to food within the country.   |
| PSO3                                | To organize functions for creating awareness about the importance of safe processed nutritious food.  |
| PSO4                                | To provide diagnostic analysis of food products.  |
| B.Com                               |   |
| PSO1                                | Inculcating managerial skills and theoretical knowledge for managing business units with special focus on functional areas of business and management.  |
| PSO2                                | Imparting advanced accounting knowledge and skills and provide awareness regarding latest development in the field of accounting  |

| PSO3    | Enabling learners to acquire advanced theoretical knowledge on research methods and techniques and also developing capabilities in the application of research in solving business related problems. |
|---------|--|
| PSO4    | Acquisition of expertise in specialized fields like finance, taxation, marketing, management and information technology.   |
| PSO5    | Development of quantitative aptitude and analytical skills of the learner.   |
| PSO6    | Facilitating learner to pursue career in professional areas of commerce and management such as taxation, financial services, consultancy etc.  |
| BCA     |  |
| PSO1    | To attract young minds to the potentially rich & employable field of computer applications.  |
| PSO2    | To be a foundation graduate programme which will act as a feeder course for higher studies in the area of Computer Science/Applications.   |
| PSO3    | To develop skills in software development so as to enable the BCA graduates to take up self-employment in Indian & global software market.   |
| PSO4    | To Train & Equip the students to meet the requirement of the Industrial standards.   |
| BVoc Fo | ood Technology and Analysis  |
| PSO1    | To empower the students with the professional competence and expertise of food processing technology   |
| PSO2    | To enable the students to understand food composition and its physicochemical, nutritional, microbiological and sensory aspects.   |
| PSO3    | To familiarize the students about the processing and preservation techniques of food products  |
| PSO4    | To emphasize the importance of food safety, food quality, food plant sanitation, food laws and regulations, food engineering and packaging in food industry  |

## POSTGRADUATE PROGRAMMES – MA/MSc/MCom

| MSc Physics |  |
|-------------|--|
|             | Provide a complete theoretical understanding of the different areas of Physics   |
| PSO1        | together with the applied and current fields of research   |
| PSO2        | Achieve a mastery, competence and analytical skills in the subject at a higher level.  |
| 1502        |  |
| PSO3        | Learn to carry out experiments in basic as well as certain advanced areas of physics   |
| PSO4        | View Physics as a training ground for the mind developing logical reasoning that can be applied to diverse fields.   |
| PSO5        | Gain research experience within some specific field of physics through project work.   |
|             | Promote awareness amongst students for life-long learning and to inculcate in  |
|             | them professional and ethical attitude, good leadership qualities and commitment   |
| PSO6        | to social responsibilities.  |
| MSc Chemis  | stry   |
|             | Through lectures, laboratory work, exercises, project work, and its independent master's thesis, students will gain master's thesis, students will gain knowledge  |
|             | about relevant working methods for research, industry, administration and  |
| PSO1        | education.   |
| PSO2        | To handle scientific instruments, to plan and perform the laboratory experiment  |
| PSO3        | To develop research oriented skills  |
| PSO4        | Learn professionalism, including the ability to work in teams and apply basic ethical principles.  |
| PSO5        | To attain thorough knowledge in the theory and applications of separation techniques, especially sophisticated methods like chromatography, soxhlet techniques etc |

| MSc Mathematics |   |
|-----------------|---|
| PSO1            | Professionally inclined Mathematics educators who have sound knowledge of subject. Matter and specialized in constructivist & alternate pedagogy.   |
| PSO2            | To use ICT in Mathematics teaching in multiple ways   |
| PSO3            | Develop need-based Mathematics teaching-learning resources  |
| PSO4            | Contribute as trained work force to provide teaching-learning support to schools  |
| PSO5            | Contribute as researchers in ploy making, curriculum design and in evaluation reforms to raise the standard of Mathematics Education  |
| MSc Food 7      | Cechnology & Quality Assurance  |
| PSO1            | Knowledge and competence in the principles of quality assurance and quality management system as they are applied in the food manufacture and distribution to produce safe food meeting quality and legal requirements. |
| PSO2            | Thorough knowledge of chemical, biological and physical principles which underlie food processing, package and storage.   |
| PSO3            | Ability to apply the principles of chemical analysis, microbiological and statistical control techniques to analyze and assure the quality and safety of food.  |
| PSO4            | Capacity to undertake research and leading to New Product Development.  |
| PSO5            | Capacity for critical evaluation, presentation and interpersonal communication skills.  |
| M.Com           |   |
| PSO1            | Inculcating managerial skills and theoretical knowledge for managing business units with special focus on functional areas of business and management.  |
| PSO2            | Imparting advanced accounting knowledge and skills and provide awareness regarding latest development in the field of accounting  |
| PSO3            | Enabling learners to acquire advanced theoretical knowledge on research methods and techniques and also developing capabilities in the application of research in solving business related problems.                    |

| PSO4 | Acquisition of expertise in specialized fields like finance, taxation, marketing, management and information technology.                      |
|------|---|
| PSO5 | Development of quantitative aptitude and analytical skills of the learner.  |
| PSO6 | Facilitating learner to pursue career in professional areas of commerce and management such as taxation, financial services, consultancy etc. |