



## Under Graduate Programme Science

### PROGRAMME OUTCOMES (POs)

#### **P01: Disciplinary Knowledge**

Acquire comprehensive knowledge related to their academic disciplines that form a part of an undergraduate programme of study.

#### **P02: Critical Thinking, Problem Solving and Analytical Reasoning**

Develop students' ability of critical observation and capacity to apply their competencies and skills to identify, analyse, evaluate and solve problems in order to draw valid conclusions.

#### **P03: Scientific Reasoning and Research Related Skills**

Ability to analyze, draw conclusions from qualitative/quantitative data and critically evaluate ideas and also acquire necessary research skills to carry out an experiment or investigation.

#### **P04: Communication Skills and Digital Literacy**

Communicate effectively and articulate clearly the concepts in their discipline in written and oral form and make use of ICT skills to disseminate knowledge.

#### **P05: Ethics, Values and Multicultural Competence**

Embrace moral and ethical values and apply it with a sense of responsibility in the workplace and community and acquire knowledge on multiple cultures and practise tolerance and respect differences. Approved in the Academic Council –XIV held on 31/07/2023 23UHM4

**PO6 : Team Work, Leadership and Employability Skills**

Work effectively in groups with enhanced inter-personal skills and exhibit qualities associated with leadership to build a team and achieve the vision and show proficiency in professional, employability and soft skills required for placements and higher education.

**PO7: Self-directed and Life-long Learning**

Recognize the need and have the ability to engage in independent learning and be self motivated and acquire knowledge and skills to attain personal development needed in work place/society through self-paced and self-directed learning.