

Regulation 23 : UG Honours with Single Major Programmes-2023-24 and onwards

S.NO	NAME OF THE PROGRAMME	PROG.C ODE	PSO1	PSO2	
14	B.Sc. Honours Physics	US23	Develop Analytical and Experimental Skills: Equip students with a deep understanding of fundamental physics principles, encouraging problem-solving and analytical thinking through theoretical learning, laboratory experiments, and hands-on research.	Prepare for Advanced Studies and Careers: Prepare students for higher education in physics or interdisciplinary fields, and provide a solid foundation for careers in academia, industry, or research institutions through exposure to advanced topics and modern technological applications.	
		PROGRAMME OUTCOMES(Pos)			
		PO1	Skills development:. Progress through the program, students acquire a wide range of subject-specific knowledge and general skills that prepare them for success in their chosen field and beyond		
		PO2	Domain-Specific Knowledge: Develop a deep understanding of their chosen major. Students acquire expertise in the field of interest through advanced coursework and specialized study.		
		PO3	Holistic Perspectives: Explore the connections between different fields of study by encouraging interdisciplinary learning. This broadens their perspective and promotes a well-rounded education, focusing on citizenship, ethics, and lifelong learning. By developing the ability to integrate knowledge from various disciplines, students can address multifaceted challenges with a comprehensive approach		
		PO4	Environment and Sustainability: Familiarize students with the issues of environmental contexts and sustainable development related to environment and sustainability		
		PO5	Communication Skills: Writing reports, essays, and research papers is an effective way for students to improve their written communication skills. They acquire the ability to articulate complex ideas in a clear and effective manner. Through presentations in seminars; students develop strong oral communication skills, enabling them to present ideas confidently and persuasively		
		PO6	Research and Analytics Skills: Include research elements like a capstone project or thesis. Research methodologies, data analysis, and independent inquiry are activities that students engage in to improve their research skills.		
PO7	Critical Thinking & Analysis: Develop critical thinking abilities through research and coursework, which enables them to analyze data, evaluate evidence, and form well-founded arguments. Students learn to critically analyze complex concepts and theories within the acquired knowledge. Problem-solving skills are cultivated by their ability to evaluate and apply knowledge to real-world scenarios				