

PROGRAM OUTCOMES OF GENERAL UNDERGRADUATE DEGREE PROGRAMS

Students of all undergraduate degree programme at the time of graduation will be benefited will be able to

Critical Thinking

Comprehend the matter they come across and be capable to take a sound view point about things which will highlight their intellectual acumen as well as enable them to look at the world through multiple lenses

Effective communication

Listen, speak, read and write. They should communicate properly by conveying their thoughts. They will use technology for communication. Will be able to network with people with all available channels. They will be developing communication skills in English, Hindi and a local language would be an added advantage.

Social Interaction

Respect each other and should be able to resolve conflicts and help in reaching amicable solution. They should be able to work in diverse teams. They should be able to distinguish when and what is socially acceptable.

Responsible citizen

Contribute to Nation development through social service. Being empathetic and sympathetic to fellow beings.

Honesty and Integrity, Ethics

Recognize different values and systems and respect them. In decision making moral values should be given prime importance.

Environmental and Sustainability

Environmental issues would be considered and problem solving with sustainable development would be chosen.

Life Long learning

Enjoy learning in every situation.

PROGRAM OUTCOMES FOR B.Sc. BOTANY

Botany or plant sciences plays a pivotal role in our life. From climate change to meeting the daily needs of our life is all plants. The unique capability of plants to trap solar energy and provide food to all cannot be replicated by any system. Conventional studies like plant identification is now having a new application in terms of bioprospecting. The courses have been designed to benefit all Botany students to study various aspects of plant science including its practical applications. Keeping in mind the need for employability and entrepreneurship topics have been included in the curriculum.

PSO1:	Understand the basic concept of plant diversity from simple to complex from aquatic to land inhabitants. Understand the representative forms in algae, fungi, bryophytes, Pteridophytes and Gymnosperms. Application of Botany in agriculture through study of plant pathology. Paleobotany to trace the evolution of plants.
PSO2:	Understand the concepts of cell biology, genetics, anatomy, taxonomy, ecology and plant Physiology and biochemistry.
PSO3:	Current trends in Plant Sciences will enable the learner to understand the applications of Botany in various industries like medicinal botany, natural products, forestry, economic botany, genetic engineering, biotechnology, horticulture, post-harvest technologies, aesthetic botany, economic botany to hone the Entrepreneurial skills.

Botany UG Core Course Programme Outcomes

Programme Outcomes	FYSEM I		FYSEM II		SYSEM I			SYSEM II			TYSEM I				TYSEM II			
	RJS UB OT1 01	RJS UB OT1 02	RJSU BOT2 01	RJSU BOT2 02	RJSU BOT3 01	RJSU BOT3 02	RJSU BOT3 03	RJSU BOT4 01	RJSU BOT4 02	RJSU BOT4 03	RJSU BOT5 01	RJSU BOT5 02	RJSU BOT5 03	RJSU BOT5 04	RJSU BOT6 01	RJSU BOT6 02	RJSU BOT6 03	RJSU BOT6 04
Core Competency	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Critical Thinking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Analytical Reasoning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Research Skills	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Problem Solving	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Teamwork	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓