

Syllabus-2023-2024

MSc_Agriculture-Agronomy

Title of the Course	Agricultural Research Research Ethics and Rural Development Programmes
Course Code	PGS-505 [T]

Part A

Year	2nd	Semester	3rd	Credits	L	T	P	C
					1	0	0	1
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s	basic knowledge of Agriculture ug courses			Co-Requisite/s	human and farmer wrights			
Course Outcomes & Bloom's Level	CO1- Define various aspects of agricultural research. (BL1-Remember) CO2- Understand the research ethics. (BL2-Understand) CO3- Apply the skill for rural development programmes. (BL3-Apply) CO4- Relate the functioning of agricultural research systems at national and international levels. (BL4-Analyze) CO5- Equip the students/scholars with skills to perform research. (BL5-Evaluate)							
Courses Elements	Skill Development X Entrepreneurship X Employability X Professional Ethics ✓ Gender X Human Values ✓ Environment X		SDG (Goals)	SDG1(No poverty)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	: Agricultural Research: History of agriculture in brief. Global agricultural research system: need, scope, opportunities. Role in promoting food security, reducing poverty and protecting the environment.	Brain storming, Guided learning, Cooperative Learning Strategies	3
Unit 2	NARS and CGIAR: National Agricultural Research Systems (NARS) and Regional Agricultural Research Institutions. Consultative Group on International Agricultural Research (CGIAR): International Agricultural Research Centres (IARC), partnership with NARS, role as a partner in the global agricultural research system, strengthening capacities at national and regional levels. International fellowships for scientific mobility.	Brain storming, Guided learning, Cooperative Learning Strategies	2
Unit 3	Research Ethics: Research ethics: research integrity, research safety in laboratories. Welfare of animals used in research, computer ethics. Standards and problems in research ethics.	Guided learning, Brain storming, Cooperative Learning Strategies	3
Unit 4	RDP- Concept and policies: Concept and connotations of rural development, rural development policies and strategies. Rural development programmes: Community Development Programme, Intensive Agricultural District Programme, Special group Area Specific Programme, Integrated Rural Development Programme (IRDP) Panchayat Raj Institutions, Co-operatives, Voluntary Agencies/ NonGovernmental Organisations.	Cooperative Learning Strategies, Fieldwork and outdoor learning, Problem-based learning	3
Unit 5	RDP- Evaluation and implementation: Critical evaluation of rural development policies and programmes. Constraints in implementation of rural policies and programmes.	Brain storming, Problem-based learning ,Discussions and Presentation, ABL	4

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	41	50		50	
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
	0				

Part E

Books	Bhalla, G. S., and Singh, G. (2001). Indian Agriculture - Four Decades of Development. Sage Publ. Punia, M. S., and Punia, M. S. (2006). Manual on International Research and Research Ethics. CCS Haryana Agricultural University, Hisar. Rao, B. S. V. (2007). Rural Development Strategies and Role of Institutions - Issues, Innovations and Initiatives. Mittal Publ. Singh, K. (1998). Rural Development - Principles, Policies and Management. Sage Publ.
Articles	
References Books	
MOOC Courses	
Videos	

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	1	-	-	-	-	-	-	-	1	-	-
CO2	-	1	-	-	2	-	-	1	-	-	-	-	-	-	1
CO3	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-
CO4	-	1	-	1	-	-	-	1	-	-	-	-	1	-	1
CO5	-	-	1	-	2	-	1	-	-	-	-	-	-	1	1
CO6	1	-	-	-	1	-	-	2	-	-	-	-	-	2	-

