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### Course mapping with relevance to the local, regional, national, and global developmental needs

<b>Title of the Course</b>	Dryland Farming and Watershed Management		
<b>Course Code</b>	AGRON-512 [T]		
<b>Course Outcomes &amp; Bloom's Level</b>	<p><b>CO1-</b> Discuss the fundamental knowledge of mapping arid and semi-arid regions (<b>BL1-Remember</b>)</p> <p><b>CO2-</b> Understand the skills required for integrated dry farming technologies (<b>BL2-Understand</b>)</p> <p><b>CO3-</b> Apply the knowledge on soil and moisture conservation approaches and contingent crop plan to evade risk in dry farming. (<b>BL3-Apply</b>)</p> <p><b>CO4-</b> Analyse the types of droughts, characterization of environment for water availability (<b>BL4-Analyze</b>)</p> <p><b>CO5-</b> Assess practical knowledge on rain water harvesting techniques and watershed management principles. (<b>BL5-Evaluate</b>)</p> <p><b>CO6-</b> Develop the IFS model for dry farming region (<b>BL6-Create</b>)</p>		
<b>Course Elements</b>	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✓	<b>SDG (Goals)</b>	SDG1(No poverty) SDG3(Good health and well-being) SDG12(Responsible consumption and production) SDG15(Life on land)

#### Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	1	-	-	2	-	-	3	-	1	-	-	3
CO2	1	-	-	2	-	-	2	-	-	-	-	-	-	1	-
CO3	1	-	-	3	-	-	-	-	2	-	-	1	-	2	-
CO4	-	1	2	-	-	-	-	2	-	-	-	1	-	-	2
CO5	1	-	-	-	2	-	-	-	1	-	-	1	-	-	3
CO6	1	-	1	-	-	-	2	-	-	-	-	-	1	-	-

## SOAG-MSc\_Agriculture(Agronomy)

### Course mapping with relevance to the local, regional, national, and global developmental needs

<b>Title of the Course</b>	Agricultural Research Research Ethics and Rural Development Programmes		
<b>Course Code</b>	PGS-505 [T]		
<b>Course Outcomes &amp; Bloom's Level</b>	<b>CO1-</b> Define various aspects of agricultural research. <b>(BL1-Remember)</b> <b>CO2-</b> Understand the research ethics. <b>(BL2-Understand)</b> <b>CO3-</b> Apply the skill for rural development programmes. <b>(BL3-Apply)</b> <b>CO4-</b> Relate the functioning of agricultural research systems at national and international levels. <b>(BL4-Analyze)</b> <b>CO5-</b> Equip the students/scholars with skills to perform research. <b>(BL5-Evaluate)</b>		
<b>Course Elements</b>	Skill Development ✗ Entrepreneurship ✗ Employability ✗ Professional Ethics ✓ Gender ✗ Human Values ✓ Environment ✗	<b>SDG (Goals)</b>	SDG1(No poverty)

#### 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	-



