

**Department of Agriculture**

**B. Sc. (H) Agriculture**


**Humanities and Social Sciences**

Program Name: B.Sc. (H) Agriculture  
BoS Approval date: 23 January, 2019

S.No.	Course Name	L	T	P	C
1	Rural Sociology and Educational Psychology	02	0	0	02
2	Human Values and Ethics	01	0	0	01
3	Environmental Studies and Disaster Management	02	0	01	03
4	Introductory Agrometerology and Climate Change	01	0	01	02
5	Comprehension and Communication Skills in English	01	0	01	02
6	Communication Skills and Personality Development	01	0	01	02
<b>Total:</b>		<b>08</b>	<b>0</b>	<b>04</b>	<b>12</b>

  
Faculty Coordinator

  
HOD

  
Dean Faculty of Agriculture  
Invertis University  
Bareilly-243123, UP

Head  
Department of Agriculture  
Invertis University, Bareilly

  
Registrar  
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**INVERTIS UNIVERSITY, BAREILLY**  
**Faculty of Agriculture B. Sc. (Hons.)**  
**Curriculum Analysis (Course Category)**

**Regulation: 2019 Number of courses having focus on employability/ entrepreneurship/ skill development**

<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
AECC (Ability Enhancement Competency Course)	03	0	03	06
Skill Enhancement Elective (SEE)	0	0	140	140
Discipline Specific Course (DSC)	72	0	42	114
General Elective Course (GSC)	0	0	0	0
Cross Cutting Course (CCC)	06	0	02	08
Discipline Specific Electives (DSE)	22	0	14	36
<b>Total</b>	<b>103</b>	<b>0</b>	<b>201</b>	<b>304</b>

*Jyoti*

**Faculty Coordinator**

*Surab W. Shukla*

**Head**

**Head**

**Department of Agriculture  
Invertis University, Bareilly**

*[Signature]*  
**Dean Faculty of Agriculture  
Invertis University  
Bareilly-243123, UP**

*[Signature]*  
**Registrar  
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**AECC COURSES LIST**

**Regulation: 2019 Number of courses having focus on employability/ entrepreneurship/ skill development**

<b>Course Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
Comprehension and Communication Skills in English	01	0	01	02
Communication Skills and Personality Development	01	0	01	02
Entrepreneurship Development and Business Communication	01	0	01	02
<b>TOTAL</b>	<b>03</b>	<b>0</b>	<b>03</b>	<b>06</b>

*Akshite*

**Faculty Coordinator**

  
**Dean Faculty of Agriculture**  
Invertis University  
Bareilly-243123, UP

*Parabhi Shukla*

**Head**

**Head**  
Department of Agriculture  
Invertis University, Bareilly

  
**Registrar**  
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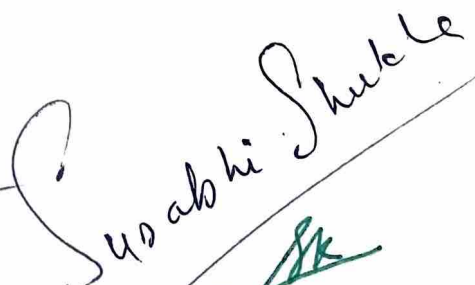
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**Skill Specific Elective Courses List**

**Regulation: 2019 Number of courses having focus on employability/ entrepreneurship/ skill development**

<b>Course Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
Production Technology for Bioagents and Biofertilizer	0	0	10	10
Seed Production and Technology	0	0	10	10
Mushroom Cultivation Technology	0	0	10	10
Soil, Plant, Water and Seed Testing	0	0	10	10
Commercial Beekeeping	0	0	10	10
Poultry Production Technology	0	0	10	10
Commercial Horticulture	0	0	10	10
Floriculture and Landscaping	0	0	10	10
Food Processing	0	0	10	10
Agriculture Waste Management	0	0	10	10
Organic Production Technology	0	0	10	10
Commercial Sericulture	0	0	10	10
RAWE	0	0	20	20
<b>Total</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>140</b>

  
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**Dean Faculty of Agriculture**  
Invertis University  
Bareilly-243123, UP

  
**Head Registrar**  
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Department of Agriculture  
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**Discipline Specific Elective List**

**Regulation: 2019 Number of courses having focus on employability/ entrepreneurship/ skill development**

<b>Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
Agribusiness Management	02	0	01	03
Agrochemicals	02	0	01	03
Commercial plant Breeding	01	0	02	03
Landscaping	02	0	01	03
Food safety and Standards	02	0	01	03
Biopesticides & Biofertilizers	02	0	01	03
Protected Cultivation	02	0	01	03
Micro Propagation technologies	01	0	02	03
Hi-Tech Horticulture	02	0	01	03
Weed Management	02	0	01	03
System Simulation and Agro-advisory	02	0	01	03
Agriculture Journalism	02	0	01	03
<b>Total</b>	<b>22</b>	<b>0</b>	<b>14</b>	<b>36</b>

  
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**Dean Faculty of Agriculture**  
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**Cross Cutting Courses List**

**Regulation: 2019 Number of courses having focus on employability/ entrepreneurship/ skill development**

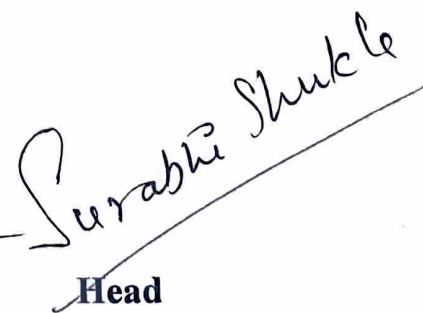
<b>Course Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
Rural Sociology and Educational Psychology	02	0	0	02
Human Values and Ethics	01	0	0	01
Environmental Studies and Disaster Management	02	0	01	03
Introductory Agrometerology and Climate Change	01	0	01	02
<b>Total</b>	<b>06</b>	<b>0</b>	<b>02</b>	<b>08</b>



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**Dean Faculty of Agriculture**  
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**Bareilly-243123, UP**



**Head**  
**Department of Agriculture**  
**Invertis University, Bareilly**



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**Invertis University**  
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**Discipline Specific Course List**

**Regulation: 2019 Number of courses having focus on employability/ entrepreneurship/ skill development**

<b>Course Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
Fundamental of horticulture	1	0	1	2
Fundamentals of Plant Biochemistry and Biotechnology	2	0	1	3
Fundamentals of Soil Science	2	0	1	3
Introduction to Forestry	1	0	1	2
Fundamentals of Agronomy	3	0	1	4
Introductory Biology	1	0	1	2
Elementary Mathematics	2	0	0	2
Agricultural Heritage	1	0	0	1
Fundamental of Genetics	2	0	1	3
Agricultural Microbiology	1	0	1	2
Soil and Water Conservation Engineering	1	0	1	2
Fundamentals of Crop Physiology	1	0	1	2
Fundamentals of Agricultural Economics	2	0	0	2
Fundamentals of Plant Pathology	3	0	1	4
Fundamentals of Entomology	3	0	1	4
Fundamentals of Agricultural Extension Education	2	0	1	3
Crop Production Technology – I (Kharif Crops)	1	0	1	2
Fundamentals of Plant Breeding	2	0	1	3
Agricultural Finance and Cooperation	2	0	1	3
Agri- Informatics	1	0	1	2
Farm Machinery and Power	1	0	1	2
Production Technology for Vegetables and Spices	1	0	1	2
Statistical Methods	1	0	1	2
Livestock and Poultry Management	3	0	1	4
Crop Production Technology –II (Rabi Crops)	1	0	1	2
Production Technology for Ornamental Crops, MAP and Landscaping	1	0	1	2
Renewable Energy and Green Technology	1	0	1	2
Problematic Soils and their Management	2	0	0	2
Production Technology for Fruit and Plantation Crops	1	0	1	2

  
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Principles of Seed Technology	1	0	2	3
Farming System & Sustainable Agriculture	1	0	0	1
Agricultural Marketing Trade & Prices	2	0	1	3
Principles of Integrated Pest and Disease Management	2	0	1	3
Manures, Fertilizers and Soil Fertility Management	2	0	1	3
Diseases of Field and Horticultural Crops and their Management -I	2	0	1	3
Pests of Crops and Stored Grain and their Management	2	0	1	3
Crop Improvement-I ( <i>Kharif Crops</i> )	1	0	1	2
Geoinformatics and Nano-technology and Precision Farming	1	0	1	2
Intellectual Property Rights	1	0	0	1
Rainfed Agriculture & Watershed Management	1	0	1	2
Protected Cultivation and Secondary Agriculture	1	0	1	2
Diseases of Field and Horticultural Crops and their Management-II	2	0	1	3
Post-harvest Management and Value Addition of Fruits and Vegetables	1	0	1	2
Management of Beneficial Insects	1	0	1	2
Crop Improvement-II ( <i>Rabi crops</i> )	1	0	1	2
Principles of Organic Farming	1	0	1	2
Farm Management, Production & Resource Economics	1	0	1	2
Principles of Food Science and Nutrition	2	0	0	2
Total	72	0	42	114

VI  
Faculty Coordinator



Sunabhi Shukla  
Head

Head

Dean Faculty of Agriculture  
Invertis University  
Bareilly-243123, UP

Department of Agriculture  
Invertis University, Bareilly



Registrar  
Invertis University  
Bareilly