

**UG course as per 5<sup>th</sup> Dean's Committee**

**Agronomy**

<b>Course No.</b>	<b>Course title</b>	<b>Semester</b>	<b>CreditHrs</b>
Agron-111	Fundamentals of Agronomy	1 <sup>st</sup>	4(3+1)
Agron-112	Agricultural Heritage	1 <sup>st</sup>	1(1+0)
Agron-211	Crop Production Technology – I ( <i>Kharif</i> crops)	3 <sup>rd</sup>	2(1+1)
Agron-223	Introductory Agro-meteorology & Climate Change	4 <sup>th</sup>	2(1+1)
Agron-221	Crop Production Technology – II ( <i>Rabi</i> crops)	4 <sup>th</sup>	2(1+1)
Agron-222	Farming System & Sustainable Agriculture	4 <sup>th</sup>	1(1+0)
Agron-312	Practical Crop Production - I ( <i>Kharif</i> crops)	5 <sup>th</sup>	2(0+2)
Agron-311	Geoinformatics and Nanotechnology and Precision Farming	5 <sup>th</sup>	2(1+1)
Agron-323	Practical Crop Production - II ( <i>Rabi</i> crops)	6 <sup>th</sup>	2(0+2)
Agron-322	Principles of Organic Farming	6 <sup>th</sup>	2(1+1)
Agron-321	Rainfed Agriculture & Watershed Management	6 <sup>th</sup>	2(1+1)
		Sub Total	22(11+11)
	<b>ELECTIVES</b>		
Agron-224	Weed Management		3 (2+1)
Agron-324	Agrochemicals		3(2+1)
	Total Credit		28 (15+13)

**DIVISION OF AGRONOMY  
SKUAST-J, CHATHA**

**PROGRAMME:** M.Sc (Agronomy)

**COURSE REQUIREMENT:**

**Field of specialization:** Crop production, Crop nutrition, Weed management  
Agrostology, Water management

COURSE NO.	COURSE TITLE	CREDITS	SEMESTER
AGRON-501*	MODERN CONCEPTS IN CROP PRODUCTION	3+0	I
AGRON-502*	PRINCIPLES AND PRACTICES OF SOIL FERTILITY AND NUTRIENT MANAGEMENT	2+1	I
AGRON-503*	PRINCIPLES AND PRACTICES OF WEED MANAGEMENT	2+1	I
AGRON-504*	PRINCIPLES AND PRACTICES OF WATER MANAGEMENT	2+1	II
AGRON-505	AGROMETEOROLOGY AND CROP WEATHER FORECASTING	2+1	II
AGRON-506	AGRONOMY OF MAJOR CEREALS AND PULSES	2+1	I
AGRON-507	AGRONOMY OF OILSEED, FIBRE AND SUGAR CROPS	2+1	II
AGRON-508	AGRONOMY OF MEDICINAL, AROMATIC AND UNDER UTILIZED CROP	2+1	I
AGRON-509	AGRONOMY OF FODDER AND FORAGE CROPS	2+1	I
AGRON-510	AGROSTOLOGY AND AGROFORESTRY	2+1	II
AGRON-511	CROPPING SYSTEMS AND SUSTAINABLE AGRICULTURE	2+0	II
AGRON-512	DRYLAND FARMING AND WATERSHED MANAGEMENT	2+1	I
AGRON- 513	PRINCIPLES AND PRACTICES OF ORGANIC FARMING	2+1	I
AGRON- 591	MASTER'S SEMINAR	1+0	I/II
AGRON- 599	MASTER'S RESEARCH	20	

**\*Compulsory for M.Sc Agronomy programme**

**NOTE:**

*The student's advisory committee will decide rest of the courses for Minor and Supporting from the Division of Soil Sciences and Agricultural Chemistry, Statistics, Plant Physiology and Biochemistry, Agroforestry, Vegetable sciences.*

## **PROGRAMME: Ph. D (Agronomy)**

### **COURSE REQUIREMENT:**

**Field of specialization:** Crop production, Crop nutrition, Weed management Agrostology, Water management

<b>COURSE NO.</b>	<b>COURSE TITLE</b>	<b>CREDITS</b>	<b>SEMESTER</b>
AGRON-601	CURRENT TRENDS IN AGRONOMY	3+0	I
AGRON-602	CROP ECOLOGY	2+0	I
AGRON-603	CROP PRODUCTION AND SYSTEM MODELING	2+1	II
AGRON-604	ADVANCES IN CROP GROWTH AND PRODUCTIVITY	2+1	I
AGRON-605	IRRIGATION MANAGEMENT	2+1	II
AGRON-606	ADVANCES IN WEED MANAGEMENT	2+0	I
AGRON-607	INTEGRATED FARMING SYSTEMS FOR SUSTAINABLE AGRICULTURE	2+0	II
AGRON-608	SOIL CONSERVATION AND WATERSHED MANAGEMENT	2+1	I
AGRON-609	STRESS CROP PRODUCTION	2+0	I
AGRON- 691	DOCTORAL SEMINAR I	1+0	I/II
AGRON- 691	DOCTORAL SEMINAR II	1+0	I/II
AGRON- 599	DOCTORAL RESEARCH	45	

