

1. TEACHING ACTIVITIES

A. Undergraduate level

Sr. No.	Course No.	Course title	Credit
1	NRMH 2.2	Environmental Science	2+1
2	SAF 2.3	Environmental Science	2+1
3	NRMF 3.5	Soil survey, remote sensing and wasteland development	2+1
4	BSH102	Biochemical Techniques and Instrumentation	1+2
5	BSH 103	Fundamentals of Microbiology	2+1
6	AHM 101	Fundamentals of Microbiology	2+1
7	MBB 5.3	Environmental Biotechnology	2+1
8	Micro 4.1	Industrial Microbiology	2+1

B. Master's level

Sr. No.	Code	Course title	Credit
1	Soils 515	Land Degradation and Restoration	1+0
2	Soil 508	Soil, Water and Air Pollution	2+1
3	Soil 514	Introduction to Nanotechnology	2+1
4	PGS 504	Basic Concept in Laboratory Techniques	0+1
5	ABM 519	Fertilizer Technology and Management	2+0
6	Soils 591	Master Seminar	1+0
7	Soils. 599	Master Research	20
8	Micro 501	Principles of Microbiology	3+1
9	Micro 502	Microbial Physiology and Metabolism	2+1
10	Micro 503	Microbial Genetics	2+1
11	Micro 504	Soil Microbiology	2+1
12	Micro 506	Food & Dairy Microbiology	2+1
13	Micro 591	Master's Seminar	1+0
14	Micro 599	Master's Research	20
15	Pl Patho 503	Plant Bacteriology	2+1
16	Horti Patho 503	Plant Bacteriology	2+1
17	MBB 554	Principle of Microbiology	2+1

C. Doctoral level

Sr. No.	Code	Course title	Credit
1	Soils.601	Advances in Soil Physics	2+0
2	Soils.603	Physical Chemistry of Soils	2+0
3	Micro 510	Industrial Microbiology	2+1
4	Micro 603	Regulation of Microbial Biosynthesis	2+0
5	Micro 691	Doctoral Seminar-I	1+0
6	Micro 692	Doctoral Seminar-II	1+0
7	Micro 699	Doctoral Research	45
8	Pl Patho	Advanced Bacteriology	2+1
9	Soil 603	Physical Chemistry of Soil	2+0
10	FPU 604	Analytical Techniques in Forest Products	1+2

2. RESEARCH ACTIVITIES

A. Current Research Projects

Sr. No.	Title of Project	Principle Investigator	Co-PI	Budget Head
Plan (01)				
1	Strengthening of Food Quality Testing Research Unit	Dr. J.J. Pastagia	Dr Susheel Singh Dr Trupti K Vyas	12024
2	Establishment of Pesticide Residue Laboratory	Dr. J.J. Pastagia	Dr Susheel Singh	12079
Other agency (01)				
1	“Establishment of Secondary Agriculture Unit for Skill Development in Students and Farmers” under NAHEP-CAAST funded by ICAR& World Bank.	Dr Timur Ahlawat	Dr Susheel Singh	18248
	Study on Degradation of Antibiotics Residues in Raw and Processed Domestic Honey and its anagement (SODHAM).	Dr. Susheel Singh	Dr. Abishek Mehta	18237

3. EXTENSION ACTIVITIES

- Need based training to the farmers, Input dealers and other beneficiaries about food safety, quality and pesticide risk
- FQTL is also imparting training to the students of various rural academic institutes.
- FQTL is also involved in training and other capacity building activities for the improvement of faculty.