

### 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
<b>Plan (01)</b>				
1	Strengthening of Food Quality Testing Research Unit	Dr Susheel Singh	Dr Trupti K Vyas	12024
2	Establishment of Pesticide Residue Laboratory	Dr Susheel Singh	Dr. Aditi R. Chauhan	12079
3	Establishment of phytochemical extraction and characterization laboratory	Dr. V. J. Zizala	Dr Susheel Singh Dr. Aditi R. Chauhan	12080
<b>Other agency (01)</b>				
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
2	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.