

# **Department of Food Science and Technology**

## **College of Agriculture**

**G.B. Pant University of Agriculture & Technology**

**Pantnagar-263145, Uttarakhand**

## **Academics**

### **Degree Offered**

<b>S. No.</b>	<b>Degree Offered</b>	<b>No. of Seats</b>
1.	B.Sc. (Food Technology) <sup>a</sup>	24
2.	M.Sc. (Food Technology)	04
3.	Ph. D. (Food Technology) <sup>b</sup>	-

<sup>a</sup>Self-financae Programme, <sup>b</sup>Temporarily suspended

### **Courses Offered:**

<b>S. No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit Hrs</b>	<b>Instructor</b>
<b>B.Sc. (Food Technology)</b>				
1.	AFS-200	Introduction to Food Chemistry	3(2-0-1x3)	Dr. C.S. Chopra
2.	AFS-331	Fundamentals of Food Microbiology	3(2-0-1x3)	Dr. C.S. Chopra
3.	AFS-341	Fundamentals of Milk Processing	3(2-0-1x3)	Dr. Anil Kumar
4.	AFS-350	Fundamentals of Food Processing	3(2-0-1x3)	Dr. S.K. Sharma
5.	AFS-361	Technology of Cereals & Millets	3(2-0-1x3)	Dr. C.S. Chopra
6.	AFS-363	Bakery & Confectionery Products	3(2-0-1x3)	Dr. C.S. Chopra
7.	AFS-365	Technology of Pulses & Oilseeds	3(2-0-1x3)	Dr. C.S. Chopra
8.	AFS-370	Post Harvest Physiology & Handling of Fruits & Vegetables	3(2-0-1x3)	Dr. R.L. Lal, Horticulture
9.	AFS-373	Principles of Fruits & Vegetables Tech.	3(2-0-1x3)	Dr. S.K. Sharma
10.	AFS-375	Processed Fruit & Vegetable Products	3(2-0-1x3)	Dr. S.K. Sharma
11.	AFS-378	Tech of Spices & Plantation Products	3(2-0-1x3)	Dr. Anil Kumar
12.	AFS-391	Packaging of Fresh & Processed Foods	2(1-0-1x3)	Dr. C.S. Chopra
13.	AFS-433	Food Hygiene & Sanitation	2(1-0-1x3)	Dr. Anil Kumar
14.	AFS-441	Concentrated and Dehydrated Milk Products	3(2-0-1x3)	Dr. Anil Kumar
15.	AFS-442	Fermented & Coagulated Milk Products	3(2-0-1x3)	Dr. Anil Kumar
16.	AFS-482	Food Laws & Quality Assurance	2(2-0-0)	Dr. S.K. Sharma
17.	AFS-490	Industrial Training	20	Dr. C.S. Chopra Dr. Anil Kumar
18.	AWP-101	Work Programme	1(0-0-1x3)	Variable

<b>B. Sc. (Agriculture)</b>				
19.	AFS-311	Elements of Food Technology	3(2-0-1x3)	Dr. C.S. Chopra, Dr. S.K. Sharma, Dr. Anil Kumar
20.	AFS-372	Post Harvest technology of Horticultural Crops	3 (1-0-2x2)	Dr. C.S. Chopra, Dr. S.K. Sharma
<b>B. Sc. (Horticulture)</b>				
21.	HPT-200	Food Science & Human Nutrition	2(1-0-1x3)	Dr. Omveer Singh
22.	HPT-300	Processing of Horticultural Crops	3(1-0-2x3)	Dr. Omveer Singh
<b>PG</b>				
23.	AFS-511	Principles of Food Processing	3(2-0-1x3)	Dr. S.K. Sharma
24.	AFS-521	Fund of Food Chemistry	3(2-0-1x3)	Dr. C.S. Chopra
25.	AFS-526	Food Chemistry & Nutrition	3(3-0-0)	Dr. S.K. Sharma
26.	AFS-531	Food Microbiology	4(2-0-2x3)	Dr. Anil Kumar
27.	AFS-541	Tech of Milk & Milk Products	3(2-0-1x3)	Dr. Anil Kumar
28.	AFS-561	Tech of Cereals, Pulses & Oilseeds	3(2-0-1x3)	Dr. C.S. Chopra
29.	AFS-571	Tech of Fruits & Vegetables	3(2-0-1x3)	Dr. S.K. Sharma
30.	AFS-582	Food Analysis & Quality Management	3(1-0-2x3)	Dr. Anil Kumar
31.	AFS-600	Master's Seminar	1	Dr. S.K. Sharma
<b>Ph. D. (Food Technology)</b>				
32.	AFS-686	Product Design and Development	2(2-0-0)	Dr. C.S. Chopra
33.	AFS-712	Modern Techniques in Food Processing	2(2-0-0)	Dr. C.S. Chopra
34.	AFS-722	Advanced Food Chemistry	2(2-0-0)	Dr. C.S. Chopra
35.	AFS-733	Advances in Food Microbiology	2(1-0-1)	Dr. C.S. Chopra, Dr. Anil Kumar
36.	AFS-781	Advanced Food Analysis	2(0-0-2)	Dr. Anil Kumar
37.	AFS-788	Doctoral Seminar-I	1	Dr. S.K. Sharma
38.	AFS-789	Doctoral Seminar-II	1	Dr. S.K. Sharma