

**BHAI GURDAS INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**SANGRUR**  
**Department of Food Technology**

**LESSON PLAN**

**Name: Ms. Swati Priyadarshi**

**Subject name: Technology of  
Spices And Herbs**

**Branch/ Semester: 6<sup>th</sup> Sem.**

**Subject code: BTFT 326.2-19**

<b>Sr. No.</b>	<b>Lecture no.</b>	<b>Topics to be covered</b>	<b>Week/ date</b>	<b>Teaching aids</b>	<b>Remarks</b>
1.	L-1	<b>Unit I:</b> Importance and role of spices and herbs	<b>1<sup>st</sup> week</b>	Black board	
2.	L-2	classification and properties of spices,		<b>PPT</b>	
3.	L-3	scope of spice and herb processing in India and world.		<b>PPT</b>	
4.	L-4	<b>Unit II:</b> Types of Spices and culinary herbs	<b>2<sup>nd</sup> week</b>	Black board	
5.	L-5	spice qualities and specifications		Black board	
6.	L-6	uses and physiological effects of spices and herbs		Black board	
7.	L-7	Components of spices and herbs, antimicrobial and antioxidant properties of spices and herbs	<b>3<sup>rd</sup> week</b>	Black board & PPT	
8.	L-8	important spices and medicinal herbs added in food products and their processing.		Black board & PPT	
9.	L-9	<b>Unit III:</b> Processing and manufacturing of major Indian spices and herbs	<b>4<sup>th</sup> week</b>	Black board & PPT	
10.	L-10	Pepper, cinnamon, cardamom, nutmeg, saffron, turmeric and ginger processing		Black board	

11.	L-11	Minor spices- cloves, leafy spices, bay oregano, seed spices processing		Black board & PPT	
12.	L-12	Common herbs- brahmi, tulsi, mint, thyme their composition , processed products.	5 <sup>th</sup> week	Black board & PPT	
13.	L-13	curry leaves, lemon grass their composition , processed products		Black board & PPT	
14.	L-14	<b>Unit IV:</b> Medicinal values of herbs; Condiments and spice products	6 <sup>th</sup> week	Black board & PHOTOS	
15.	L-15	Spice blends and extractives their types, manufacturing steps		Black board & PPT	
16.	L-16	essential and encapsulated oils	7 <sup>th</sup> week	Black board & PPT	
17.	L-17	salad dressings and seasonings, oleoresins, uses in processed foods		Black board &	
18.	L-18	spice processing machineries; Packaging of spices and herbs	8 <sup>th</sup> week	Black board & PPT	
19.	L-19	packaging machineries, uses and limitations		Black board &	

(Course Incharge)