

P.G.DEPARTMENT OF FOOD SCIENCE TECHNOLOGY AND NUTRITION



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Letter No. 2022/FSTN

Dated: 18.11.2023

To

The Controller of Examination,  
Sambalpur University,  
Jyotivihar Burla.



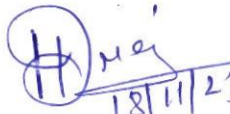
Ref: 6043/Acd-I Dated. 18.10.2023

Sub: Syllabus for the alternative course.

Sir,

With reference to the subject cited above, I am sending herewith the modified syllabus of M.Sc. Food Science and M.Sc. Food Science and Nutrition with an alternative course for MOOC course (copy attached) with 3 credits of P.G. Department of Food Science Technology and Nutrition, Sambalpur University.

This is for your kind information and necessary action at your end.

  
18/11/23  
Coordinator, FSTN,  
Sambalpur University  
Co-ordinator  
P.G. Department of  
Food Science Technology & Nutrition  
Sambalpur University

**Courses of Studies for the M. Sc Food Science  
(Under Course Credit Semester System)**

<b>I Semester</b>		
Course No.	Title	Credit Hour
FS. 411	Food Commodities	4 (Theory)
FS. 412	Biochemistry of Food	4 (Theory)
FS. 413	Food Microbiology	4 (Theory)
FS. 414	Basic Concepts of Nutrition	4 (Theory)
FS. 415	Practical -I	4 (Practical)
FS. 416	EVS & Disaster Management	2 (Compulsory)
	<b>Total</b>	<b>22</b>
<b>II Semester</b>		
Course No.	Title	Credit Hour
FS. 421	Food Ingredients	4 (Theory)
FS. 422	Techniques in Food Analysis	4 (Theory)
FS. 423	Food Quality Control	4 (Theory)
FS. 424	Food Processing and Preservation	4 (Theory)
FS. 425	Practical -II	4 (Practical)
FS. 426	IDC(Inter Disciplinary Course)	3 (Other Dept.)
	<b>Total</b>	<b>23</b>
<b>III Semester</b>		
Course No.	Title	Credit Hour
FS. 511	Postharvest Technology and Food Packaging	4 (Theory)
FS. 512	Research Methodology and Biostatistics	4 (Theory)
FS. 513	Industrial Food Biotechnology	4 (Theory)
FS. 514	Elective Paper (any one)	4 (Theory)
	a. Beverages, Bakery and Snacks Food Tech.	
	b. Food Engineering	
	c. Nutrition & Dietetics	
FS. 515	Practical-III	4 (Practical)
FS. 516	Entrepreneurship Development Programme	2 (Compulsory)
	<b>Total</b>	<b>22</b>
<b>IV Semester</b>		
Course No.	Title	Credit Hour
FS. 521	Entrepreneurship Development Proposal	4
FS. 522	Final Project Report	4
FS. 523	Seminar	4
FS. 524	Industrial Tour Report	4
FS. 525	Comprehensive Viva-Voce	4
	<b>Total</b>	<b>20</b>
MOOC (ONLINE MODE)	ANY ONE PAPER (IN 2 <sup>ND</sup> OR 3 <sup>RD</sup> SEM) ANY ONE PAPER OR (IN 3 <sup>RD</sup> SEM : FS. 517 (DAIRY TECHNOLOGY)	3
	<b>TOTAL CREDITS:</b>	<b>90</b>