

Department of Liberal Education Era University, Lucknow Course Outline

Effective From: 2023-24

Name of the Program	B.A. / B.Sc. (LIBERA	AL EDUCA	TION)	Year/ Semester:	3 rd / 6 th					
Course Name	Food Product Development Lab	Course Code:	NH305P	Type:	Practical					
Credits	•	1	•	Total Practical Hours:	30 Hours					
Evaluation Spread	Internal Continuous Assessment:	10 Marks		End Term Exam:	15 Marks					
Type of Course	C Compulsory	Core		C Creative	C Life Skill					
Course Objectives	The main goal and objective of the course is to design that includes usability, aesthetics, reliability, functionality, innovation, and appropriateness during food product development.									
Course Outco	omes(CO):After the sa	uccessful c	ourse comp	letion, learners will develo	p following	attributes.				
Course Outcome (CO)	Attributes									
CO1	Students will collect data surrounding a target market such as competitor analysis, pricing trends, and customer expectations.									
CO2	Understand modern product development processes. Explain the concept of Industrial design and robust design concepts.									
CO3	Understand the concept of Design for manufacture and assembly and understand the legal factors, social issues, engineering ethics related to product design.									
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CO4	the legal factors, so Sensory analysis ca	ocial issue an be used ct launch,	es, engineer I for quali- assessing p	ring ethics related to proof ty control, determining sl roduct success, flavor pro	duct designate helf life, ga	auging the				
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Pedagogy Internal Evaluation Mode Practical No. 1.	Sensory analysis careadiness for product the attributes driving Interactive, discussion Experiment-Writing File Maintenance/ La Continuous Attendar Market survey, conterms of New packation of production of production of production of production of production and production of prod	n be used to launch, geonsumer on-bases, so and Condu aboratory I nace and Paraging of ear products roducts roduct for Food Pro	es, engineer I for qualities assessing proper preference tudent-centructance Record erticipation periments arvey to industry the i	ring ethics related to product y control, determining should success, flavor pross. ered, presentation. dentify new products in oducts	Contact Hours 6	Mapped CO CO1, CO2				

CO-PO and PSO Mapping															
СО	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
CO1	1	2	1		2	1		2	2	1		1			
CO2	1	1			2	3	1	1	1			1	1		
CO3	2	1	1		2	2	1	3	2		1	2	2	3	
CO4	1	2	2		1	2	1	1	1		1		1	2	
Strongco	Strongcontribution-3, Averagecontribution-2, Lowcontribution-1,														
Suggested Readings:															
Refere	nce		Food science –Srilakshmi B.												
Books	ooks														
E-Reso	ources	es https://youtu.be/uliRL8gMQB8													
Internal Practical Evaluation:															
Compo	Mar	Marks													
Experi	iment-V	Writing	and	5	5										
Condu	ctance														
File Maintenance/				2	2										
Labora															
Continuous Attendance			1	1											
and Participation															
Viva-Voce				2	2										
Total I	Total Marks					10									

Course created by: Dr. Shazia Fatima

Dr. Pooja Verma

Signature:

Approved by: Prof. Afrozul Haq

Signature: