



**UNIVERSITY**  
Gwalior • MP • INDIA

"CELEBRATING DREAMS"

## **SCHOOL OF SCIENCES**

### **CRITERIA 1**

#### **SUB CRITERIA 1.3.4**

**Percentage of students undertaking research  
projects / internships**

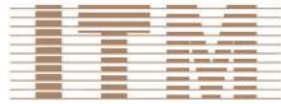
**Academic Year**

**2019-2020**

Dean

School of Science ITM University  
Gwalior (M.P.)-INDIA-474001

**Dr. Omveer Singh**  
**REGISTRAR**  
**ITM University**  
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“ CELEBRATING DREAMS ”

### SCHOOL OF SCIENCE

#### Total Number of Research Projects in UG and PG

Research Projects/Internships	Program	Total Number of students involved in research projects
	BSc Food Technology, SOS	09
MSc Food Technology, SOS	07	

The students undertake mini and major projects for increasing their practical knowledge and experience. Students are encouraged to do their research in the university, Food-Industries, and to encourage the research insight in them

#### Total Number of Internships in UG

Internships	Program	Total Number of students involved in research projects
	BSc Food Technology, SOS	09

In the Food Technology disciplines, there is mandatory 45 days Internship. In the curriculum design it has been incorporated into the programmed and complete it as a mandatory part of final year training.

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**Department of Life Sciences  
(2019-2020)**

NAME OF COURSE: B.SC. (HONS.) FOOD TECHNOLOGY


SEMESTER: SIXTH

**SUBJECT WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS**

S.No.	Subject Code	Subject Name & Title	Maximum Marks Allotted							Credits Allotted Subject wise			Total Credits	Remarks
			Theory Slot			Practical Slot			Total Marks	Period per week				
			End Sem.	Mid Sem. MST (Two tests average)	Class Participation	End Sem	Progressive Evaluation	Internal viva		L	T	P		
1.	BSFT - 601	Product Development and Formulation	40	30	30	40	30	30	200	4	0	2	06	
2.	BSFT- 602	Food Industries by- Products and Waste Management	40	30	30	40	30	30	200	4	0	2	06	
3.	BSFT- 603	Entrepreneurship & Supply Chain Management	40	30	30	-	-	-	100	4	0	0	04	
5.	BSFT- 604	Major Project & Seminar	-	-	-	300	-	-	300	0	0	8	08	

Minimum Marks for passing in End Semester Theory- 30%  
Minimum Marks for passing in End Semester Practical - 50%

**Total Credits 24**

  
**Lina Kothari**  
 Dean  
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**(SOS)(BSc\_FoodTechnology)**

<b>Title of the Course</b>	Major Project & Seminar
<b>Course Code</b>	BSFT-604 [P]

**Part A**

Year	3rd	Semester	6th	Credits	L	T	P	C
					0	0	6	6
<b>Course Type</b>	Project							
<b>Course Category</b>	Projects and Internship							
<b>Pre-Requisite/s</b>	Deep knowledge of all disciple core subject of Food Technolgy program			<b>Co-Requisite/s</b>	Presentation of research project/ internship			
<b>Course Outcomes &amp; Bloom's Level</b>	<p><b>CO1-</b> Understand themselves in relation to their community and develop among themselves since of social and civic and responsibility(<b>BL1-Remember</b>)</p> <p><b>CO2-</b> Identify the needs and problem of the community and involve them in problem solving.(<b>BL2-Understand</b>)</p> <p><b>CO3-</b> Utilize their knowledge in finding practical solution to individual and community problem(<b>BL3-Apply</b>)</p> <p><b>CO4-</b> Develop the confidence require for group living and sharing of responsibilities of acquire leader ship qualities and democratic attitudes. (<b>BL4-Analyze</b>)</p> <p><b>CO5-</b> Develop the capacity to meet emergencies and natural disasters and practice national integration and social harmony(<b>BL5-Evaluate</b>)</p>							
<b>Course Elements</b>	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professionnal Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		<b>SDG (Goals)</b>	SDG9(Industry Innovation and Infrastructure)				

  
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Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
	0				
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
300	0	300	0	0	0

Part E

<b>Books</b>	
<b>Articles</b>	
<b>References Books</b>	
<b>MOOC Courses</b>	
<b>Videos</b>	

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	-	-	-	-	-	-	-	-	3	2	2
CO2	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3
CO3	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3
CO4	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3
CO5	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

  
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## Details of UG Internship projects

**Name of the School: School of Science, ITM University, Gwalior.**

**Name of the Course and Branch: B.Sc. Food Technology**

**Session: 2019– 2020**

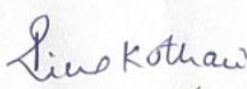
**Total No. of Students enrolled: 09**

S.No	Specialization	Name of the Student	Roll No.	Title of the project	Duration	Guide's Name	Co Guide's Name
1	B.Sc Food Technology	Kanishka Negi	BSFN1FT17001	Pathogenic Environment Monitoring	45 days	Mr. Jaswant Lathoriya	Dr. Ankit Dayal
2	B.Sc Food Technology	Mazhar Khan	BSFN1FT17002	Manufacturing of Ice-cream	45 days	Mr. Atul Srivastava	Dr. Hradesh Rajpoot
3	B.Sc Food Technology	Md. Rizwan Moin Azmi	BSFN1FT17003	Manufacturing and testing of Britania products	45 days	Mr. Sandeep Nikas	Dr. Hradesh Rajpoot
4	B.Sc Food Technology	Sanjana Yadav	BSFN1FT17004	Manufacturing of Ghee and Peda making process	45 days	Mr. Atul Srivastava	Dr. Ankit Dayal
5	B.Sc Food Technology	Shraddha Gabel	BSFN1FT17005	Manufacturing and testing of Britania products	45 days	Mr. Sandeep Nikas	Dr. Hradesh Rajpoot

  
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6	B.Sc Food Technology	Shubham Mahajan	BSFN1FT17006	In-plant training at Indore Sahkari Dugdh Sangh	45 days	Mr. N.K. Deshmukh	Dr. Hradesh Rajpoot
7	B.Sc Food Technology	Smita Tiwari	BSFN1FT17007	Quality analysis of raw materials, packaging materials and microbiological testing of products	45 days	Mr. Ashwini Kumar Saini	Dr. Ankit Dayal
8	B.Sc Food Technology	Sneha Gupta	BSFN1FT17008	Quality analysis of raw materials, packaging materials and microbiological testing of products	45 days	Mr. Ashwini Kumar Saini	Dr. Mamta Thakur
9	B.Sc Food Technology	Vivek Kumar Jarkhariya	BSFN1FT17010	Industrial training report on biscuit and cake process	45 days	Mr. Sandeep Nikas	Dr. Ankit Dayal

  
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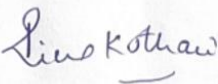


**A**  
**Project Report**  
Submitted in fulfillment of the  
Requirements for the award of the degree of  
**Graduate in Food Technology (Honors)**



Submitted by  
**Mazhar khan Jalmani**  
**Bsfn1ft17002**  
**6 sem**

Under the supervisor of **Shri Dillip Sharma**  
**School of life science**  
**Department of food technologist**  
**ITM University MP India**  
**Gwalior campus. Gwalior -474011**

  
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**REGISTRAR**  
**ITM University**  
**Gwalior (M.P.)**

## CERTIFICATE

We hereby certify that the work which is being presented in this thesis entitled "**Processing of chocolates**" Mondele India Foods PVT.LTD. Her training period was from 01/06/2019 to 30/06/2019 through the reference of **Dr. Hardesh Rajput**. The project report being submitted to ITM University Gwalior Campus, in partial fulfillment of award of degree of Bachelor of Science in food Technology.

No part of this report has been submitted for any other degree or diploma.

Dr. Richa Kothari

Dean

School of Sciences

Dr. Hardesh Rajput

Coordinator

School of Science



*Richa Kothari*  
Dean  
School of Science ITM University  
Gwalior (M.P.)-INDIA-474001

*Omveer Singh*  
Dr. Omveer Singh  
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Gwalior (M.P.)



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**A**  
**Project Report**

Submitted in fulfillment of the  
Requirements for the award of the degree of

**Graduate in Food Technology (Honors)**

Submitted By:  
**Shraddha Gabel**  
**BSFNIFT17005**  
**6<sup>th</sup> sem**

Under the supervision of  
**Mr. Sandeep Nigam**  
**HR**



**School of Life Science**  
**Department of Food Technology**  
**ITM University M.P. India**  
**Gwalior Campus, Gwalior- 474011**

  
**Dr. Omveer Singh**  
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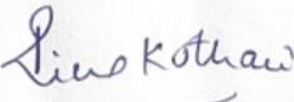
## CERTIFICATE

We hereby certify that the work which is being presented in this thesis entitled “**Manufacturing and Testing of Britannia Products**” at Delta Foods Pvt. Ltd., Ghaziabad. Her training period was from 03/06/2019 to 18/07/2019. The project report is being submitted to ITM University Gwalior Campus, in partial fulfillment of award of degree of Bachelor of Science of Food Technology.

No part of this report has been submitted for any other degree or diploma.

Dr. Richa Kothari  
Dean  
School of Science

Dr. Hradesh Rajput  
Coordinator of  
Food Technology



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**A REPORT ON**  
**INPLANT TRAINING**  
**AT**  
**INDORE SAHAKARI DUGDH SANGH MYDT.**  
**INDORE, MADHYA PRADESH**  
**FROM 3 JUNE 2019 TO 18 JULY 2019**

**SUBMITTED TO:**

**Training Incharge**  
**Mr. N.K.Deshmukh**

**SUBMITTED BY:**

**SHUBHAM MAHAJAN**  
**B.SC FOOD TECH.**  
**FINAL YEAR**  
**BSFNIFT17006**

  
**Dr. Omveer Singh**  
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