

**Maulana Abul Kalam Azad University of Technology, West Bengal**  
*(Formerly West Bengal University of Technology)*  
**Syllabus for M. Sc. Dietetics & Nutrition**  
**(Effective for Academic Session 2018-2019)**

**COURSE STRUCTURE**  
**FIRST SEMESTER**

Sl No.	Code	Paper name	Contact periods Perweek			Total Contact Hrs	Credits
			L	T	P		
1	MDN 101	HUMAN ANATOMY & PHYSIOLOGY	3	1		40	4
2	MDN 102	PRINCIPLES OF FOOD SCIENCE	3	1		40	4
3	MDN 103	EPIDEMIOLOGY & CHANGING HEALTHCARE SECTOR	2	1		30	3
4	MDN 104	FOOD MICROBIOLOGY	3	1		40	4
5	MDN 105	NUTRITIONAL BIOCHEMISTRY	2	1		30	3
		<b>Total of Theory</b>					18
<b>Practical:</b>							
Sl No.	Code	Paper name	Contact periods Perweek			Total Contact Hrs	Credits
			L	T	P		
1	MDN 191	NUTRITIONAL PHYSIOLOGY & BIOCHEMISTRY			5	50	3
2	MDN 192	BIOMETRIC ASSESSMENT OF NUTRITIONAL STATUS			5	50	3
		<b>Total of Practical</b>					06
		<b>Total of Semester</b>					24

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**SECOND SEMESTER**

Sl No.	Code	Paper name	Contact periods			Total Contact Hrs	Credits
			Perweek				
			L	T	P		
1	MDN 201	DIETARY MANAGEMENT -I	3	1		40	4
2	MDN 202	BIOSTATISTICS	3	1		40	4
3	MDN 203	ADVANCED NUTRITION	2	1		30	3
4	MDN 204	WOMEN HEALTH AND NUTRITION	2	1		30	3
5	MDN 205	PUBLIC HEALTH AND NUTRITIONAL POLICY PROGRAMMES	3	1		40	4
		<b>Total of Theory</b>					18
<b>Practical:</b>							
Sl No.	Code	Paper name	Contact periods Per week			Total Contact Hrs	Credits
			L	T	P		
1	MDN 291	THERAPEUTIC DIET CHART PREPARATION – I			5	50	3
2	MDN 281	INDUSTRY ASSIGNMENT: PUBLIC HEALTH AND NUTRITIONALSTATUS ASSESSMENT			6	60	3
		<b>Total of Practical</b>					06
		<b>Total of Semester</b>					24

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**THIRD SEMESTER**

Sl No.	Code	Paper name	Contact periods Per week			Total Contact Hrs	Credits
			L	T	P		
1	MDN 301	DIETARY MANAGEMENT -II	3	1		40	4
2	MDN 302	RESEARCH METHODOLOGY	3	1		40	4
3	MDN 303	PAEDIATRIC ,GERIATRIC AND SPORTS NUTRITION	2	1		30	3
4	MDN 304	HEALTH INFORMATION MANAGEMENT & DECISION MAKING	2	1		30	3
5	MDN 305	FOOD TECHNOLOGY AND QUALITY CONTROL	3	1		40	4
		<b>Total of Theory</b>					18

Practical:

Sl No.	Code	Paper name	Contact periods Per week			Total Contact Hrs	Credits
			L	T	P		
1	MDN 391	THERAPEUTIC DIET CHART PREPARATION – II			5	50	3
2	MDN 381	RESEARCH PROJECT			6	60	3
		<b>Total of Practical</b>					06
		<b>Total of Semester</b>					24

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**FOURTH SEMESTER**

Sl No.	Code	Paper name	Contact periods Per week			Total Contact Hrs	Credits
			L	T	P		
1	MDN 401	ENTREPRENEURSHIP IN FOOD SERVICE	2	1		30	3
2	MDN 402	NUTRITION COMMUNICATION FOR HEALTH PROMOTION AND ITS APPLICATIONS	2	1		30	3
		<b>Total of Theory</b>					6
<b>Practical:</b>							
Sl No.	Code	Paper name	Contact periods Per week			Total Contact Hrs	Credits
			L	T	P		
1	MDN 481	DISSERTATION					9
2	MDN 482	VIVA VOCE					6
3	MDN 483	PRACTICAL EXPOSURE TO MICROBIOLOGY AND PACKAGING			5	50	3
		<b>Total of Practical</b>					18
		<b>Total of Semester</b>					24