

**CSIR-Central Food Technological Research Institute, Mysore**  
**M.Sc. (Food Technology) – Scheme of Study**

Choice Based Credit System (CBCS)  
and  
Continuous Assessment Grading Pattern (CAGP)

**Semester-wise Distribution of the Course Structure**  
**from the batch of 2014 onwards**

**HC**, Hard Core; **SC**, Soft Core; **OE**, Open Elective

**SEMESTER – I**

Course code	Type of the paper	Title of the paper	Credit pattern [L:T:P]	Credit value
FT 001	Hard Core	Food Chemistry - <b>FCH</b>	3:0:3	06
FT 002	Hard Core	Basic & Food Microbiology - <b>BFM</b>	2:1:3	06
FT 003	Hard Core	Principles of General Engineering - <b>PGE</b>	3:0:1	04
FT 004a*	Soft Core	Applied Mathematics & Statistics - <b>AMS</b>	4:0:0	04
FT 004b*	Soft Core	Advances in Engineering - <b>ANG</b>	4:0:0	04
*To choose <b>one</b> Soft Core between <b>FT 004a</b> and <b>FT 004b</b>				
<b>HC = 3; SC = 1; OE = 0</b>			Total credits of I Semester: <b>20</b>	

**SEMESTER – II**

Course code	Type of the paper	Title of the paper	Credit pattern [L:T:P]	Credit value
FT 005	Hard Core	Principles of Food Processing - <b>PFP</b>	3:0:3	06
FT 006	Hard Core	Biochemistry - <b>BCH</b>	3:0:1	04
FT 007	Hard Core	Food Engineering – <b>FEG</b>	3:0:1	04
FT 008a*	Soft Core	Human Physiology & Nutrition - <b>HPN</b>	2:0:1	03
FT 008b*	Soft Core	Bioinformatics & Biostatistics - <b>BFS</b>	2:0:1	03
FT 009	Open Elective	Baking & Confectionery Technology - <b>BCT</b>	2:0:1	03
*To choose <b>one</b> Soft Core between <b>FT 008a</b> and <b>FT 008b</b>				
<b>HC = 3; SC = 1; OE = 1</b>			Total credits of II Semester: <b>20</b>	

Encl. Ib

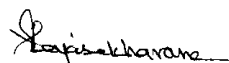
**SEMESTER – III**

Course code	Type of the paper	Title of the paper	Credit pattern [L:T:P]	Credit value
FT 010	Hard Core	Microbial Fermentations- <b>MFT</b>	3:0:2	05
FT 011	Hard Core	Food Biotechnology & Bioengineering – <b>FBB</b>	3:0:2	05
FT 012	Hard Core	Minor Project [Dissertation] - <b>MNP</b>	3:1:0	04
FT 013a*	Soft Core	Animal Products Technology - <b>APT</b>	2:0:1	03
FT 013b*	Soft Core	Technology of Milk & Milk Products - <b>TMP</b>	2:0:1	03
FT 014	Open Elective	Packaging Technology & Supply Chain - <b>PKS</b>	2:0:1	03
*To choose <b>one</b> Soft Core between <b>FT 013a</b> and <b>FT 013b</b>				
<b>HC = 3; SC = 1; OE = 1</b> Total credits of III Semester: <b>20</b>				

**SEMESTER – IV**

Course code	Type of the paper	Title of the paper	Credit pattern [L:T:P]	Credit value
FT 015	Hard Core	Technology & Infestation Control of Cereals, Legumes & Oilseeds – <b>TIC</b>  OR Technology & Infestation Control of Fruits & Vegetables – <b>TIF</b>  OR Technology & Infestation Control of Plantation Products & Flavours - <b>TIP</b>	3:0:2	05
FT 016	Hard Core	Major Project [Investigation] - <b>MJP</b>	2:1:2	05
FT 017a*	Soft Core	Food Quality, Safety & Analysis - <b>QSA</b>	2:0:1	03
FT 017b*	Soft Core	Molecular Biology and Genetic Engineering - <b>MBG</b>	2:0:1	03
FT 018	Open Elective	Agri-Food Business Management & Intellectual Property - <b>ABI</b>	3:1:0	04
*To study <b>both</b> the Soft Cores - <b>FT 017a</b> and <b>FT 017b</b>				
<b>HC = 2; SC = 2; OE = 1</b> Total credits of IV Semester: <b>20</b>				

Total Course Credits of all the **FOUR** Semesters: **80**; Requisite credits for degree in M.Sc. (Food Tech.): **76**



**Prof. Ram Rajasekharan**  
Chairman, BoS in Food Science & Food Technology

**CSIR-Central Food Technological Research Institute, Mysore  
M.Sc. (Food Technology) – 2014 batch onwards**

Admission to 2 year M.Sc. (Food Technology) Degree Course of the University of Mysore

**Eligibility criteria:**

Bachelor Degree in Science or Agriculture / Horticulture / Engineering / Technology. Students who meet the eligibility criteria are required to take an entrance / aptitude test which will be held at Mysore.

**Minimum marks requirement:**

- (i) 55% in optional subjects of B.Sc. pass course (50% for SC / ST category)
- (ii) 50% for B.Sc. (Hons.) course (45% for SC / ST category)
- (iii) Minimum second class for Agriculture / Horticulture / Engineering / Technology



डा.एच.वी. बत्रा वैज्ञानिक 'एच'  
उत्कृष्ट वैज्ञानिक और निदेशक  
**Dr. H.V. Batra, Sc 'H'**  
Outstanding Scientist & Director

*Encl. IIIa*

भारत सरकार रक्षा मंत्रालय  
GOVERNMENT OF INDIA, MINISTRY OF DEFENCE  
रक्षा अनुसंधान तथा विकास संगठन  
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

रक्षा खाद्य अनुसंधान प्रयोगशाला  
DEFENCE FOOD RESEARCH LABORATORY

सिद्धार्थनगर, मैसूर / Siddarthanagar, Mysore - 570 011

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No. 0217/HVB/2013/

Dated: 2nd Aug 2013

To

The Chairperson  
Board of Studies, Food Science & Technology  
University of Mysore  
MYSORE

Subject: Revision of Essential Qualification for Admission to PG Diploma  
in Food Analysis & Quality Assurance ( affiliated to University of  
Mysore)

Dear Sir/Madam,

In the of newer courses being introduced in various universities and educational institutions in the subject fields related to Food Science and Technology, It is necessary and incumbent on us to revise the eligibility qualification for our PG Diploma course in Food Analysis & Quality Assurance in tune with these recent advances and newer courses on offer. The revised essential qualification as eligibility for this course is enclosed herewith as Annexure I for the kind approval of the Board of Studies, Food Science & Technology of the University of Mysore, Mysore.

The process for the subject revision may kindly be initiated forthwith for an early approval please.

Yours Sincerely

(Dr. H.V. BATRA)  
OS & Director.

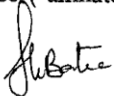
Encl.: As above

**ANNEXURE I**

**Essential Qualification for Admission to PG Diploma in Food Analysis & Quality Assurance**

B.Sc with Chemistry/Biochemistry/Microbiology as one of the subjects, B.Sc Ag., B.Sc Ag.&AH, B.Sc Dairying, B.Sc Dairy Technology, B.V.Sc., B.Sc Horticulture, B.Sc Forestry, B.Sc Fisheries, B.Sc Home Science, B.Sc Food Science & Technology, B.Sc Food Science, B.Sc Food Technology, B.E/B.Tech/B.Sc Food Processing & Technology, B.Tech Food Technology, BE Food Technology, B.Tech Dairy Science/Technology, B.Sc Nutrition & Dietetics, B.Sc Food Science & Nutrition, BE/B. Tech /B.Sc Biotechnology securing a minimum of 50% marks in the aggregate in any of the Degree specified.

Students obtaining B.Sc Degree through correspondence are not eligible for the PG Diploma in Food Analysis and Quality Assurance Course (affiliated to Mysore University) offered by DFRL, Mysore.

  
(Dr. H.V. BATRA)  
OS & Director, DFRL