



# M.Sc in Food Safety and Quality Management (MSCFSQM)

## IGNOU

The Indira Gandhi National Open University (IGNOU) has been established by an Act of Parliament in 1985. It serves the educational aspirations of around 3.5 million students through its 21 School of Studies, 67 Regional Centres and over 3000 Learners' Support Centres. The University is making all efforts to take higher education at the doorstep of the *hitherto* unreached through Open and Distance Learning (ODL) and online modes.

## School of Agriculture

The School of Agriculture (SoA) was established in 2005 with a mission to improve and sustain the quality of human life and productivity of agriculture and allied sectors through Open and Distance Learning (ODL). The School is offering ODL and online programmes and MOOCs in agriculture and allied fields.

## About the Programme

Food safety is an emerging specialization in modern day education, gaining importance since the enactment of Food Safety and Standards Act, 2006 by the Govt. of India. The enforcement of the act has created a good demand for the qualified food safety professionals in various areas like food processing, food testing, food safety, food regulation, auditing, risk management etc. There is an acute shortage of professionals in the food safety systems. The M. Sc in Food Safety and Quality Management (MSCFSQM) programme, offered through ODL mode, shall enable the availability of competent food safety professionals in the country.

## Programme Objectives

- To develop qualified and competent human resource in the field of the food safety and quality management for regulators, industry, academic/research institutions, certifying and accreditation bodies, food trade, food testing and training;
- To delve in depth on various aspects of food safety and quality management i.e. food standards, harmonization with global benchmarks, quality management systems, food analysis, instrumentation, risk analysis /management, traceability and auditing to transform the food ecosystem;
- To nurture a positive and disciplined food safety culture among the professionals; and
- To conduct research studies on emerging food safety issues and formulation of science based regulatory framework.

## Eligibility Criteria for Admission

- Graduation/ Post Graduation in Science with Chemistry/ Bio-chemistry or Microbiology as one of the subjects.
- Graduation/ Post Graduation in allied sciences like Agriculture/ Food Science/ Food Technology/Food and Nutrition/Engineering having Chemistry and Microbiology subjects/ Post Harvest Technology/ Home Science/ Life Science/Microbiology/ Biochemistry/ Biotechnology/ Horticulture/ Dairy Technology/ Veterinary/ Fisheries/Medical/ Dental Sc./ Nursing/BAMS/ BHMS/Hotel Management and Catering/ Hospitality Management etc.
- PG Diploma in Food Safety and Quality Management (lateral entry for 2nd year of M. Sc). These diploma holders should also have one of the qualifications mentioned at (a) and (b). They (who have completed 32 credits) will also have to complete one additional project work/industrial training report/food testing lab training/MOOC of 4 credits in the second year.

## Programme Duration

Minimum: 2 years and Maximum: 4 years

## Programme Fee

Rs. 26000/- for full programme to be paid year wise @Rs. 13000/- per year.

## Programme Structure

### Courses in 1<sup>st</sup> Year

Course Code and Title	Credits
MVP- 001 Food Fundamentals and Chemistry	4
MVPI-001 Food Microbiology	4
MVP-002 Food Laws and Standards	4
MVP-003 Principles of Food Safety and Quality Management	4
MVP-004 Food Safety and Quality Management Systems	4
MVPL-001 Food Safety and Quality Auditing	4
MVPL-002 Chemical Analysis and Quality Assurance	4
MVPP – 003 Project Work 1	8

### Courses in 2<sup>nd</sup> Year

Course Code and Title	Credits
MVP-005 Food Toxicology and Public Health	4
MVP-006 Food Biotechnology	4
MVP-007 Emerging Trends in Food Technology and Safety	4
MVP-008 MOOC on Novel Technologies for Food Processing and Shelf-Life Extension	3
MVP-009 Research Methodology	4
MVPS-001 Seminar	1
MVPP-002 Dissertation	16
MVPP– 004*Project Work 2	4

\*For lateral entry students (with 32 credits in PGDFSQM): Additional 4 credits project work

For admission



<https://ignouadmission.samarth.edu.in/>

For further information, kindly contact

**Dr. Mita Sinhamahapatra**  
 Programme Coordinator (MSCFSQM)  
 Telephone: 91-011-29572973  
 E-mail: mitasmp@yahoo.co.in

**The Director**  
 School of Agriculture  
 Telephone: 91-011-29537067  
 E-mail: soa@ignou.ac.in

**School of Agriculture, Block-G, Zakir Hussain Bhawan, Academic Complex**  
 IGNOU, Maidan Garhi, New Delhi-110068, INDIA  
[www.ignou.ac.in](http://www.ignou.ac.in)