

# M. Sc. in Food Safety & Quality Management (MSCFQSQM)





# Welcome to Learnwise!

Hi!

We are thrilled that you have decided to join us.

At Learnwise, we believe that everyone has a right to live a life of dignity and quality. We strive to provide quality learning solutions to anyone who wishes to pursue higher education regardless of their previous academic track record. If you're looking for an environment that not only supports education but also helps you gear towards your career goals, you are at the right place!

With our emphasis on job-readiness training and up-skilling, we not only help you get a degree but also provide you with unparalleled exposure into the field and help you acquire field-relevant skill-sets. Through-out your journey with us, our qualified Academic Mentors and dedicated Career Coaches ensure that all your individual learning and career needs are taken care of. When we promise you personalized interventions, we mean nothing short of expert companionship and scaffolding that anyone could ask for.

We look forward to serving you!

Warm regards,

[Muhammed A.](#)

Founder, Learnwise



# About us

We are a team of passionate individuals educated from premier institutes across India, who feel grateful for the educational and career opportunities we've got and earnestly wish to create a platform that opens up such possibilities to anyone, regardless of their socio-cultural backgrounds and previous academic track records!

Learnwise is an Online Platform for Higher Education, that provides personalized learning support for pursuing UG and PG degrees from reputed universities through a consistent Mentorship program, all through a mobile application. Alongside learning, the program also takes care of the individuals' career needs through individually tailored Career Coaching, Job-Readiness Training and industry relevant add-on Up-Skilling programs.





# Learnwise Academic Council

## Dr. Jabir Chathanathil

Postdoctoral Fellow , Army Research Laboratory, Adelphi, Maryland, USA  
PhD from Stevens Institute of Technology, Hoboken, New Jersey, USA



## Vijai R Pai

Associate Chartered Accountant,  
Institute of Chartered Accountants of India, Delhi University Alumnus.

## Dr. Muhammed Afzal P

Asst. Prof. of English, School of Arts & Sciences, Azim Premji University, Bengaluru  
Former Assistant Professor, Department of Humanities and Social Sciences,  
BITS Pilani  
PhD from University of Hyderabad



## Dr. Agney G K

Assistant Professor & Research Guide, Department of History  
Mar Thoma College Tiruvalla  
M G University, Kottayam  
Delhi University Alumnus.

## Radha Lekshmi M

Research Fellow | Development Studies (Political Science)  
Centre for Economic and Social Studies (CESS), Hyderabad





# Learnwise Academic Council

## Dr. Jabir P

IoE Post Doctoral Fellow, Department of History, School of Social Sciences,  
University of Hyderabad  
PhD from JNU



## Shreyas Joseph K

Masters in Business Administration  
IIT Kanpur

## Adeeba Hakkim

Senior Research Fellow, IIT Hyderabad  
Masters in Counselling Psychology (Tata Institute of Social Sciences)



## Aseed Karim Hussain

Junior Research Fellow  
Department of Sociology  
Delhi University

## Sanjay Chullikkattu

Master of Social Work  
Queensland University of Technology, Australia





# About IGNOU

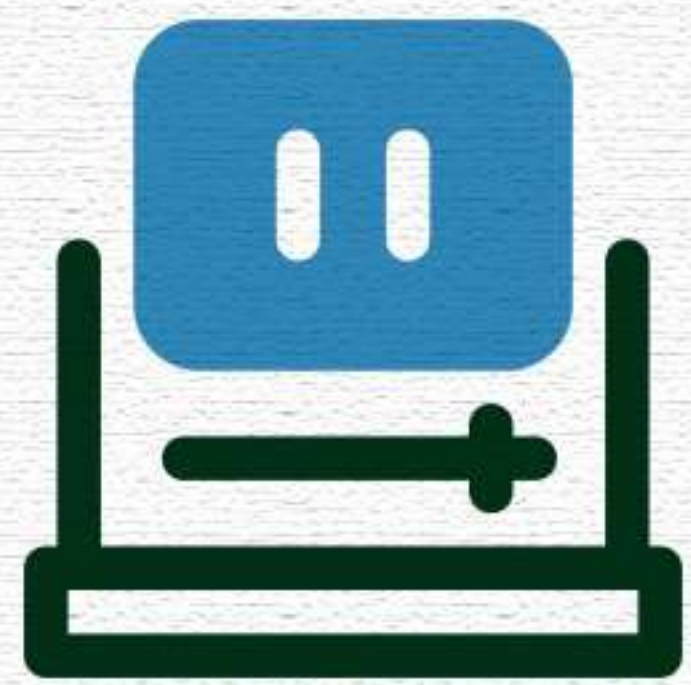
For the present program, we have chosen IGNOU (Indira Gandhi National Open University) as the Institute we enroll our students with for obtaining their degrees. Along with registration with our learning program, the student enrolls with IGNOU as anyone would normally do. The difference here being that Learnwise will be supporting the student's learning whilst pursuing their degree from IGNOU.

The Indira Gandhi National Open University is the world's largest University imparting education through open and distance mode. Established in 1985, IGNOU is an internationally awarded Central University which aims to provide quality higher education opportunities to all segments of the society. It is a University that constantly strives to raise the standards of distance education and actively researches best practices in open education. Currently, it has 21 schools of studies, 67 regional centers, 3500 study centres, 12 overseas study centers, and offers 200+ programs, ranging from certificate courses, diplomas, bachelors, masters to doctoral programs.

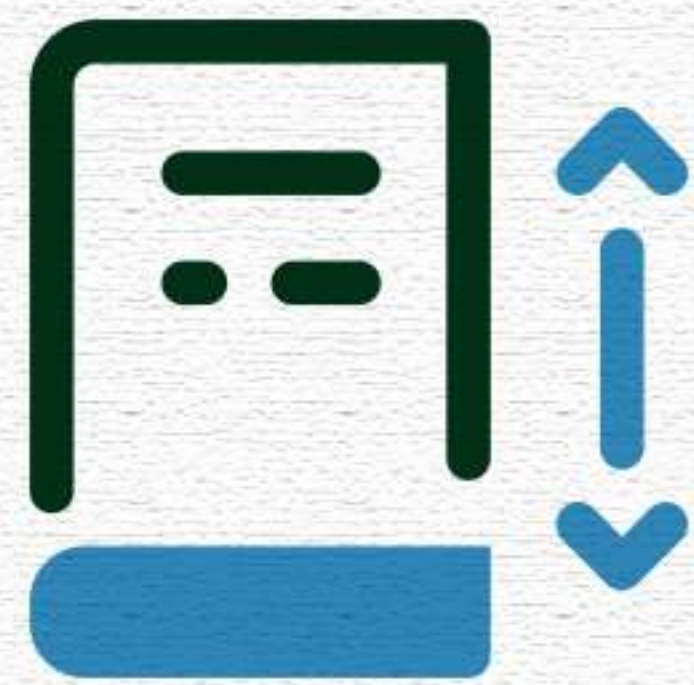




# The Learnwise Edge



Recorded  
Live Lectures



Value  
Added Notes



Objective  
Tests



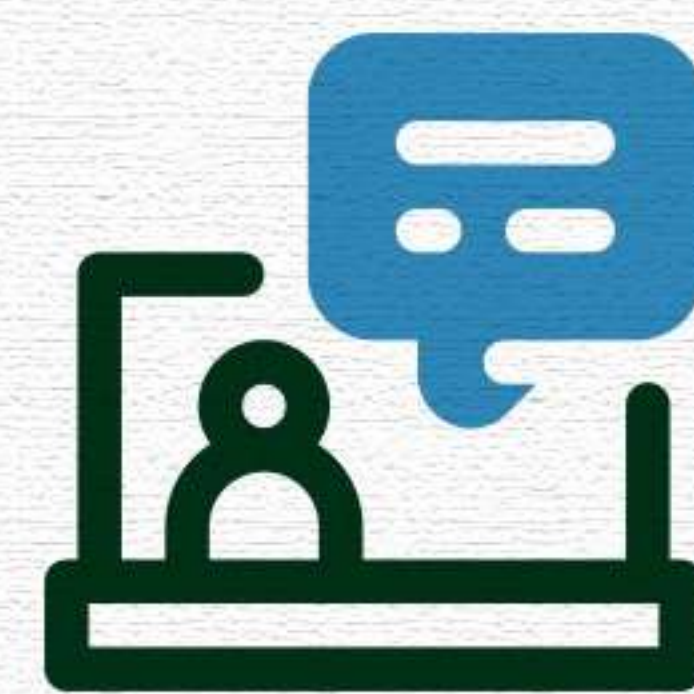
Topic-wise  
Assignments



Exampedia



Live Doubt-  
Clearing Sessions



Regular  
Mentorship  
& Assistance



Performance  
Tracking &  
Personalized  
Interventions



Provisions to  
Connect with  
Batchmates



Career  
Assessment  
& Guidance  
Service



Upskilling  
Programs



Job-Readiness  
Training



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

Affiliated to: IGNOU

Program Code: MSCFSQM

Minimum age: No bar

Maximum age: No bar

Eligibility: a) Graduation in Science/Tech in Food Safety and Quality Management/Agriculture/ Food Science/Food Tech/Engineering having chemistry and microbiology subjects/ Post Harvest Technology/ Home Science/ Life Science/Microbiology/ chemistry/ Biochemistry/ Biotechnology/Pharmacy/Medical Lab Tech/ Horticulture/ Dairy Technology/ Veterinary/ Fisheries/Medical/Dental Sc./ Nursing/BAMS/ BHMS/Hotel Management and Catering etc.

b) 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) . Who have completed 32 credits will also have to complete one additional project work/industrial training report//food testing lab training of 4 credits in the second year.

Course Duration: 2

Session starts: January & July of every year

Food safety is a critical public health issue and has gained significant prominence following the enactment of the Food Safety and Standards Act, 2006, which came into effect in 2011. With the implementation of this Act, there is now a pressing need for professionals trained in developing and enforcing science-based food safety standards and systems, including aligning them with international benchmarks.

This growing need has led to a surge in demand for qualified food safety and quality professionals in fields such as food processing, food testing, safety regulation, auditing, risk assessment, capacity building, and policy implementation. In response, IGNOU launched the M.Sc. in Food Safety and Quality Management (MSCFSQM) to address the increasing human resource requirements across the agriculture and food sectors.



## **Special Features of the Programme**

A standout feature of MSCFSQM is its modular structure:

Learners who successfully complete the first year have the option to exit the programme with a Post Graduate Diploma in Food Safety and Quality Management (PGDFSQM).

Those who already hold the PGDFSQM diploma can gain lateral entry into the second year of the M.Sc. programme, allowing them to complete the full degree in a phased and flexible manner.

## **Objectives of the Programme**

The MSCFSQM programme is designed with the following goals:

To develop qualified professionals equipped to work in regulatory agencies, the food industry, academic and research institutions, certification and accreditation bodies, testing laboratories, and food trade and training sectors.

a) To provide comprehensive knowledge in areas such as:

- Food safety standards
- Harmonization with global benchmarks
- Quality management systems
- Food analysis and instrumentation
- Risk analysis and management
- Traceability and auditing

b) To foster a disciplined and positive food safety culture among professionals in the field.

c) To encourage research on emerging food safety issues and contribute to the creation of science-based regulatory frameworks.

## **Medium of Instruction**

The programme is offered entirely in English. All course materials, assessments, and examinations will be in English.

## **Duration of the Programme**

The MSCFSQM programme offers flexibility in duration:

- Minimum Duration: 2 years
- Maximum Duration: 4 years

This timeframe accommodates the diverse needs of working professionals and learners from different backgrounds.



# MSCFSQM Programme Structure

The M. Sc in Food Safety and Quality Management (MSCFSQM) is of total 72 credits (36 credits in first year and 36 credits in second year). It consists of courses as outlined in the following table:

## Programme Details:

Course Code	Title of the Course	Credits
<b>I Year</b>		
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
<b>II Year</b>		
MVP 005	Food Toxicology and public health	4
MVP 006	Food Biotechnology	4
MVP 007	Recent 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

\* Students are requested to enrol for –MOOC on Novel Technologies for Food Processing and Shelf-Life Extension|| offered by Prof. Hari Niwas Mishra, IIT Kharagpur at SWAYAM platform. Successful completion of MOOC is required for completion of M.Sc.

\*\* For lateral entry to 2nd year of M. Sc. the PGDFSQM students (who have completed 32 credits) need to complete this additional course i.e. MVPP 004 as project work/industrial training report//food testing lab training/MOOC of 4 credits in the second year of M.Sc.





**Learn. Up-Skill. Flourish.**

