

# MTech Programmes

## MTech (Food Technology) in Food Process Engineering (Full Time)

**Duration:** Two years (4 semesters)

**Number of Seats:** 17 (All India Level)

Food processing sector has a huge potential in terms of production of processed foods, value addition and technology development. It is one of the major sources for employment and entrepreneurship. Food Process Engineering (FPE) deals with the analysis of processes, development of equipment plant design & operation, product development and life cycle analysis of process plants. In this programme, students learn advanced courses on Food Process Engineering through elaborate classroom discussions, hands-on-laboratory sessions / Projects and Industry Internships to expand their knowledge and upgrade their skills.

### Eligibility

- ◆ The candidate should have passed a 4 years' Bachelor's degree in any of the following disciplines:  
Food Technology / Food Process(ing) Engineering / Agricultural Engineering / Agricultural and Food Engineering / Food Technology and Management / Food Processing and Preservation Technology / Dairy Technology / Dairy Engineering / Poultry Technology / Food Science and Technology / Food Process Technology / Post Harvest Technology / Fish Process (ing) Engineering / Chemical Engineering / Biosystems Engineering / Biological Engineering / Biochemical Engineering  
or  
Equivalent foreign degree in the concerned discipline  
or  
Mechanical Engineering with Two Years of experience in Food Industry.
- ◆ The candidates should have obtained a minimum of 60% aggregate marks or equivalent CGPA of 6.5 / 10 in UG for admission under General / EWS / OBC-NCL category or a minimum of 55% aggregate marks or equivalent CGPA of 6.0 / 10 in UG for admission under SC / ST / PwD category. The preference will be given to GATE qualified students, and the valid GATE score must have been obtained before the closing date of application form. The Non-GATE candidates will be considered only for unfilled seats.

### Admission / Selection Criteria

The admission will be primarily based on a valid GATE score (70% Weightage) in relevant field (AG, ME, CH, XE, XL) and Academic Credentials (30% Weightage). After the admission of eligible GATE qualified applicants, the remaining seats, if any, will be filled by non-GATE applicants who however shall be required to write the Common Entrance Examination conducted by NIFTEM-T (70% Weightage) and should have good Academic Credentials (30% Weightage).

- NIFTEM-T Entrance Examination-2026 will be conducted at NIFTEM-Thanjavur Main Campus.
- Ranking will be done based on academic credentials (UG marks, awards / medals, publications and work experience) and Score in GATE / NIFTEM-T Entrance Examination - 2026.
- Reservation policy is as per GoI norms.
- Selection is purely based on merit.

# MTech (Food Technology) in Food Process Technology (Full Time)

**Duration:** Two years (4 semesters)

**Number of Seats:** 17 (All India Level)

Food Process Technology (FPT) is a multidisciplinary subject that encompasses various fields like food science, food technology, food chemistry, food engineering, nutrition, microbiology, biochemistry, etc that helps to study the nature of foods, causes of their deterioration and the principles underlying food processing, preservation and packaging. In this programme, students learn advanced courses on FPT through intensive classroom sessions, laboratory practice, projects based on new product development and industry internships to gain invaluable skillsets to enhance their employability.

## Eligibility

- ◆ Candidate should have passed a 4 years' Bachelor's degree in any of the following disciplines:

Food Technology / Food Process (ing) Technology / Food Science and Technology / Food Science and Nutrition / Food Nutrition and Dietetics / Food Science and Quality Control / Food Processing and Preservation Technology / Food Technology and Management / Food Process Engineering / Food Engineering and Technology / Food Technology and Biochemical Engineering / Agricultural Engineering / Agricultural and Food Engineering / Post Harvest Technology / Home Science / Dairy Technology / Poultry Technology / Meat Science and Technology / Livestock Products Technology / Fish Process(ing) Technology / Chemical Engineering / Biosystems Engineering / Biological Engineering / Biochemical Engineering

or

Equivalent foreign degree in the concerned discipline.

- ◆ The candidates should have obtained a minimum of 60% aggregate marks or equivalent CGPA of 6.5 / 10 in UG for admission under General / EWS / OBC-NCL category or a minimum of 55% aggregate marks or equivalent CGPA of 6.0 / 10 in UG for admission under SC / ST / PwD category. The preference will be given to GATE qualified students and the valid GATE score must have been obtained before the closing date of application form. The Non-GATE candidates will be considered only for unfilled seats.

## Admission / Selection Criteria

The admission will be primarily based on a valid GATE score (70% weightage) in the relevant fields (AG, CH, XE, XL) and Academic Credentials (30% weightage). After admission of eligible GATE-qualified applicants, the remaining seats, if any, will be filled by non-GATE applicants who shall be required to write the Common Entrance Examination conducted by NIFTEM-T (70% weightage) and should possess good Academic Credentials (30% weightage).

- NIFTEM-T Entrance Examination-2026 will be conducted at NIFTEM-Thanjavur Main Campus.
- Ranking will be done based on academic credentials (UG marks, awards / medals, publications and work experience) and Score in GATE / NIFTEM-T Entrance Examination - 2026.
- Reservation policy is as per GoI norms.
- Selection is purely based on merit.



# MTech (Food Technology) in Food Safety & Quality Assurance (Full Time)

**Duration:** Two years (4 semesters)

**Number of Seats:** 17 (All India Level)

Food Safety and Quality Assurance (FSQA) is the priority of any food processing industry now-a-days. All food industries need to assure government regulators and customers worldwide that the organization is processing safe and high-quality products. Quality assurance and Quality control is an important section in any food industry which strictly focuses on testing raw material and finished goods and develop control systems to produce safe foods. This Programme ensures the human resources requirements of food sector, especially to serve as Quality Executive, Quality Manager, Food Safety Officer, Production Executive, Food Safety Standards Consultants, etc.

## Eligibility

- ◆ Candidate should have passed a 4 years' Bachelor's degree in any of the following disciplines:  
Food Technology / Food Process(ing) Technology / Food Processing and Preservation Technology / Home Science / Community Science / Food Science and Nutrition / Food Nutrition and Dietetics / Food Science and Quality Control / Food Process(ing) Engineering / Food Science and Technology / Post Harvest Technology / Food Engineering / Dairy Engineering / Dairy Technology / Dairy Science / Poultry Technology / Food Process Engineering and Management / Nutrition and Dietetics/ Agriculture / Horticulture / Agricultural Engineering / Fish Process Technology / Industrial Microbiology / Applied Microbiology / Biotechnology / Industrial Biotechnology / Biochemical Engineering  
or  
Equivalent foreign degree in the concerned discipline.
- ◆ The candidates should have obtained a minimum of 60% aggregate marks or equivalent CGPA of 6.5 / 10 in UG for admission under General / EWS / OBC-NCL category or a minimum of 55% aggregate marks or equivalent CGPA of 6.0 / 10 in UG for admission under SC / ST / PwD category. The preference will be given to GATE qualified students and the valid GATE score must have been obtained before the closing date of application form. The Non-GATE candidates will be considered only for unfilled seats.

## Admission / Selection Criteria

The admission will be primarily based on a valid GATE score (70% weightage) in the relevant fields (XE, XL, BT, CH) and Academic Credentials (30% weightage). After admission of eligible GATE-qualified applicants, the remaining seats, if any, will be filled by non-GATE applicants who shall be required to write the Common Entrance Examination conducted by NIFTEM-T (70% weightage) and should possess good Academic Credentials (30% weightage).

- NIFTEM-T Entrance Examination-2026 will be conducted at NIFTEM-Thanjavur Main Campus.
- Ranking will be done based on academic credentials (UG marks, awards / medals, publications and work experience) and Score in GATE / NIFTEM-T Entrance Examination - 2026.
- Reservation policy is as per GoI norms.
- Selection is purely based on merit.

