National Institute of Food Technology, Entrepreneurship and Management, Thanjavur (NIFTEM-T)
An Institute of National Importance

MINISTRY OF FOOD PROCESSING INDUSTRIES
GOVERNMENT OF INDIA

ADMISSION FOR ACADEMIC YEAR 2024-2025

MTech / PhD (Food Technology)

MTech (Food Technology)
- Food Process Engineering
- Food Process Technology
- Food Safety & Quality Assurance

PhD (Food Technology)
- Food Process Engineering
- Food Process Technology

Postgraduate Programmes

MTech (Food Technology) Food Process Engineering
Full Time

Duration: Two years (4 semesters) programme   **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, 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. It is designed for students who wish to broaden their job prospects through cross training, re-training or specialization.

Eligibility

- Candidate should have passed a 4 years Bachelor's Degree in any of the following discipline like Food Technology / Food Process(ing) Engineering / Agricultural Engineering / Agricultural and Food Engineering / Food Technology and Management / Food Processing and Preservation Technology / Dairy Technology / Food Science and Technology / Food Process(ing) Technology / Post Harvest Technology / Fisheries Engineering / Chemical Engineering / Biosystems Engineering / Biochemical Engineering.

  or

  Mechanical Engineering with Two Years of experience in Food Industry.

- The candidates have to get 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 qualifiers 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 to eligible GATE qualified applicants, the remaining seats, if any, will be filled by non-GATE applicants (BE / BTech) who however shall be required to qualify the Common (NIFTEM-T) Entrance Examination conducted by NIFTEM-T (70% Weightage) and should have good Academic Credentials (30% Weightage).

- NIFTEM-T Entrance Examination-2024 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 - 2024.
- Reservation policy as per GoI norms.
- Selection is purely based on merit.

MTech (Food Technology) Food Process Technology
Full Time

Duration: Two years (4 semesters) programme   **Number of Seats:** 17 (All India Level)

Food Process Technology (FPT) is a multidisciplinary subject that covers Food Science, Food Technology, Food Chemistry, Food Engineering, Nutrition, Microbiology, Biochemistry, etc 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 discipline like Food Technology / Food Process(ing) Technology / Food Process(ing) Engineering / Agricultural Engineering / Agricultural and Food Engineering / Food Technology and Management / Food Processing and Preservation Technology / Dairy Technology / Food Science and Technology / Post Harvest Technology / Home Science / Food Science and Nutrition / Food Science and Quality Control / Fisheries Engineering / Poultry Technology / Chemical Engineering / Biosystems Engineering / Biochemical Engineering.

- The candidates have to get 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 qualifiers will be considered only for unfilled seats.

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- Reservation policy as per GoI norms.
- Selection is purely based on merit.

MTech (Food Technology) Food Safety and Quality Assurance
Full Time

Duration: Two years (4 semesters) programme   **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 discipline like Food Technology / Food Process(ing) 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 / Food Processing and Preservation Technology / Food Technology and Management / Post Harvest Technology / Industrial Microbiology / Applied Microbiology / Food Microbiology / Biotechnology / Industrial Biotechnology / Biochemical Engineering.

- The candidates have to get 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 qualifiers 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 (XE, XL, BT, CH) and Academic Credentials (30% Weightage). After the admission to eligible GATE qualified applicants, the remaining seats, if any, will be filled by non-GATE applicants (BE / BTech) who however shall be required to qualify the Common (NIFTEM-T) Entrance Examination conducted by NIFTEM-T (70% Weightage) and should have good Academic Credentials (30% Weightage).

- NIFTEM-T Entrance Examination-2024 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 - 2024.
- Reservation policy as per GoI norms.
- Selection is purely based on merit.

PhD Programmes

PhD (Food Technology) Food Process Engineering
Full Time

Duration: Three years (6 semesters) programme   **Number of Seats:** 17***** (All India Level)
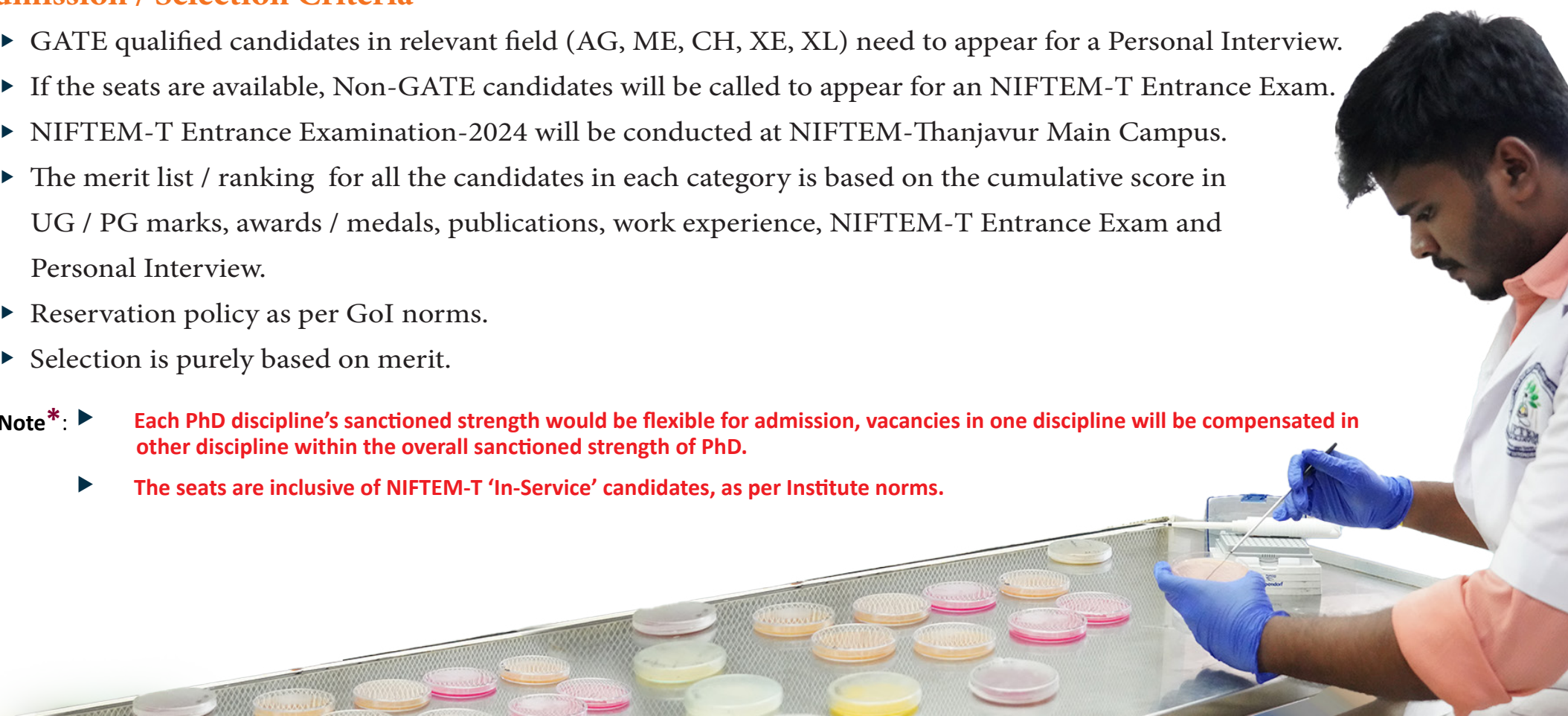
Eligibility

- Candidate should have passed a 4 years Bachelor's degree and 2 years M.E. / M.Tech degree in any of the following Specialization : Food Technology / Food Process(ing) Engineering / Agricultural and Food Engineering / Post Harvest Engineering / Agricultural Process Engineering / Processing and Food Engineering / Dairy Engineering / Fisheries Engineering / Aquaculture Engineering / Fish Process(ing) Engineering / Fish Process Engineering and Management / Biochemical Engineering / Biosystems Engineering/ Biological Engineering / Chemical Engineering or Equivalent foreign degree in concerned discipline.

- The candidates have to get a minimum of 60% aggregate marks or equivalent CGPA of 6.5 / 10 in UG and PG for admission under General / EWS / OBC-NCL category or a minimum of 55% aggregate marks or equivalent CGPA of 6.0 / 10 in UG and PG for admission under SC/ ST / PwD category. The preference will be given to GATE qualified students and the GATE score in the relevant field must have been obtained within the last 10 years. The Non-GATE qualifiers will be considered only for unfilled seats.

Admission / Selection Criteria

- GATE qualified candidates in relevant field (AG, ME, CH, XE, XL) need to appear for a Personal Interview.
- If the seats are available, Non-GATE candidates will be called to appear for an NIFTEM-T Entrance Exam.
- NIFTEM-T Entrance Examination-2024 will be conducted at NIFTEM-Thanjavur Main Campus.
- The merit list / ranking for all the candidates in each category is based on the cumulative score in UG / PG marks, awards / medals, publications, work experience, NIFTEM-T Entrance Exam and Personal Interview.
- Reservation policy as per GoI norms.
- Selection is purely based on merit.

Note*:
- Each PhD discipline's sanctioned strength would be flexible for admission, vacancies in one discipline will be compensated in other discipline within the overall sanctioned strength of PhD.
- The seats are inclusive of NIFTEM-T 'In-Service' candidates, as per Institute norms.

PhD (Food Technology) Food Process Technology

Full Time

Duration: Three years (6 semesters) programme   **Number of Seats:** 17* (All India Level)

Eligibility

- Candidate should have passed a 4 years Bachelor's degree and 2 years Master degree in any of the following Specialization: Food Technology / Food Science and Technology / Food Science and Nutrition / Food Processing and Preservation Technology / Post Harvest Technology/ Food Process Technology / Food Technology and Management / Dairy Technology / Poultry Technology / Meat Science and Technology / Livestock Product Technology / Fish Process(ing) Technology or Equivalent foreign degree in concerned discipline.

- The candidates have to get a minimum of 60% aggregate marks or equivalent CGPA of 6.5 / 10 in UG and PG for admission under General / EWS / OBC-NCL category or a minimum of 55% aggregate marks or equivalent CGPA of 6.0 / 10 in UG and PG for admission under SC/ ST / PwD category. The preference will be given to GATE qualified students and the GATE score in the relevant field must have been obtained within the last 10 years. The Non-GATE qualifiers will be considered only for unfilled seats.

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