



# ADMISSION PROSPECTUS

Academic Session 2026–27



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## Programmes for Admission:

- B.Tech (FTM)
- Integrated B.Tech (FT) + MBA
- BBA (Hons)
- M.Tech
- M.Sc
- MBA
- Executive MBA
- Ph.D. (Regular/ Early Ph.D./ Industry & Academia sponsored)

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## NATIONAL INSTITUTE OF FOOD TECHNOLOGY ENTREPRENEURSHIP AND MANAGEMENT, KUNDLI

**An Institute of National Importance (INI)**

Under the Ministry of Food Processing Industries (MoFPI), Government of India

**Sonapat, Haryana**

[www.niftem.ac.in](http://www.niftem.ac.in) | [admission@niftem.ac.in](mailto:admission@niftem.ac.in) | +91-130-2281101

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### DISCLAIMER

This prospectus is not a legal document. While all possible care has been taken in preparing the admission prospectus correctly, NIFTEM-K authorities shall not be responsible for any inadvertent mistake. In case of errors/discrepancies, the official version of NIFTEM-K shall be treated as final. The statements made in this prospectus are believed to be correct at the time of publication. However, the competent authority reserves the right to make additions and alterations in the regulations, conditions governing admissions, fees, and any other information contained herein at any point of time without notice. No responsibility shall be accepted by NIFTEM-K for hardships or expenses incurred for such changes, additions, omissions or errors.

## Message from the Chairman, Board of Governors

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It gives me immense pleasure to present the Admission Prospectus of the National Institute of Food Technology Entrepreneurship and Management, Kundli (NIFTEM-K) for the Academic Session 2026–27. Since its inception, NIFTEM-K has steadily grown into a centre of excellence that bridges the world of science, technology, management, and entrepreneurship. Our graduates go on to lead food enterprises, drive research breakthroughs, shape policy, and build businesses that strengthen India's food ecosystem from farm to fork. This journey of institutional growth has been made possible by the dedication of our faculty, the ambition of our students, and the steadfast support of the Ministry of Food Processing Industries, Government of India.

I am particularly pleased to share that the session 2026-27 marks a meaningful step forward in NIFTEM-K's academic journey, with the introduction of four new programmes. The BBA (Honours) in Data and Business Analytics is a four-year programme designed to produce analytically grounded management professionals for the food and agribusiness sector. Alongside it, the Integrated B.Tech in Food Technology combined with an MBA in Food and Agribusiness Management offers a thoughtfully structured five-year dual-degree path one that brings together technical rigour and managerial acumen, and allows graduates to enter professional life a year ahead of those pursuing the two degrees separately. We are also introducing two postgraduate programmes in the sciences M.Sc. in Food Science and Technology, and M.Sc. in Food Nutrition and Dietetics both of which respond to the growing national emphasis on food safety, public health, and nutritional well-being.

These new programmes have been introduced with deliberate intent. The food sector today demands professionals who can think across disciplines who understand both the science of what they produce and the business of how it reaches people. At the same time, questions of nutrition, sustainability, and food safety are no longer peripheral concerns; they sit at the heart of national and global policy. NIFTEM-K's expanded academic offerings are, in essence, a response to this reality an acknowledgement that education in this field must evolve as the field itself does. Our established programmes B.Tech, M.Tech, MBA, Executive MBA, and Ph.D. continue to attract talented students from across the country and remain deeply connected to the needs of industry and society.

To all aspiring students, I extend a warm welcome. NIFTEM-K is a place where scientific curiosity meets real-world purpose, and where young minds are shaped into professionals who make a genuine difference. I hope you will find in these pages not just information, but inspiration to be part of an institution that is quietly but meaningfully contributing to one of the most essential sectors of our national life.

We look forward to welcoming you.

A handwritten signature in blue ink, appearing to read 'Trilochan Mohapatra'.

**(Trilochan Mohapatra)**

## Message from the Director

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It gives me immense pleasure to present the Admission Prospectus for the academic session 2026–27 of the **National Institute of Food Technology Entrepreneurship and Management, Kundli (NIFTEM-K)**, an Institution of National Importance under the Ministry of Food Processing Industries, Government of India.

At NIFTEM-K, we are committed to nurturing young minds by providing a dynamic and intellectually stimulating environment that promotes innovation, creativity, and excellence. Our focus is on developing future-ready professionals equipped with scientific acumen, ethical values, and multidisciplinary capabilities to address the evolving needs of the food sector.

Over the years, the Institute has emerged as a premier centre for education, research, and innovation in food science, technology, and management. With strong industry connect, high-impact research contributions, technology development, and entrepreneurship promotion, NIFTEM-K continues to play a transformative role in strengthening India's food ecosystem.

In alignment with the National Education Policy (NEP) and the growing demands of the global food and agribusiness sector, we are proud to introduce and strengthen several new-age academic programmes for the session 2026–27:

- BBA (Honours) in Data & Business Analytics — integrating management with data-driven decision-making
- Integrated B.Tech (Food Technology) + MBA (Food & Agribusiness Management) — a dual-degree programme designed for industry-ready leadership
- Two M.Sc. programmes viz Food Science & Technology and Food Nutrition & Dietetics.
- Early Ph.D. (Direct after B.E./B.Tech./B.Sc./B.S.) allowing the younger minds to enter high-level research roles and providing a head start in their professional career.
- Continued excellence in existing B.Tech, M.Tech, MBA, Executive MBA, Ph.D. catering to emerging technological needs

These programmes are carefully designed to bridge the gap between academia and industry by incorporating a well designed curriculum, hands-on training, analytics, AI integration, and entrepreneurial orientation.

Our vision is to transform NIFTEM into a globally recognised institution — IIFTEM (International Institute of Food Technology, Entrepreneurship and Management) — by fostering entrepreneurship among students, farmers, FPOs, start-ups, and youth across rural and urban India.

I warmly invite aspiring students to join NIFTEM-K and become part of this journey of excellence, innovation, and nation-building.

**(HARINDER SINGH OBEROI)**

Director  
NIFTEM, Kundli

## Important Dates for Registration

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### B.Tech, B.Tech+MBA, BBA (Hons), M.Tech, M.Sc, Ph.D., MBA & Executive MBA Programmes

Activity	Program	Dates (Tentative)*
Commencement of Online Application	B.Tech, B.Tech+MBA, BBA (Hons).	29April2026
	M.Tech, M.Sc, MBA, Executive MBA and Ph.D	29April2026
Last Date for Online Applications	B.Tech, B.Tech+ MBA, BBA (Hons)	21June2026
	M.Tech, M.Sc, MBA, Executive MBA and Ph.D.	03 June2026

**Admission Portal:** [www.niftem.ac.in](http://www.niftem.ac.in)

\*The registration deadline for the above programmes may be extended, subject to the announcement of qualifying examination results and National Level Entrance Test outcomes. Hence, candidates are advised to regularly visit the NIFTEM-K Institute website ([www.niftem.ac.in](http://www.niftem.ac.in)) for updates regarding admission timelines.

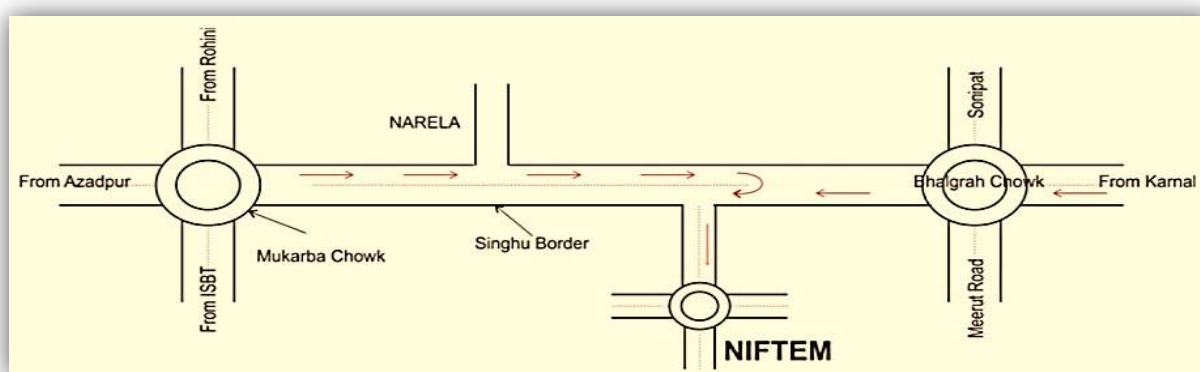
## About the Institute

**National Institute of Food Technology Entrepreneurship and Management, Kundli (NIFTEM-K)** was established as an Institute of Excellence in the field of Food Science and Technology by the Ministry of Food Processing Industries (MoFPI), Government of India in 2012. It was a Deemed to be University (De Novo Category) under Section 3 of the UGC Act 1956 until September 2021. This is the only institute in the country with a University status exclusively in the area of Food Processing.

The **NIFTEM Act 2021** was published in the Gazette of India on 30 July 2021 and came into force on 1 October 2021. This legislation confers the status of **Institution of National Importance (INI)** on NIFTEM-K, providing functional autonomy to design and develop courses, undertake research activities, and implement the Government's reservation policy.

## Location

The institute is located in the HSIIDC Industrial Estate, Kundli, in the Sonapat district of Haryana. It is situated in close proximity to the Delhi–Haryana border.



Mode of Transport	Distance from NIFTEM-K
Nearest Metro Station (Jahangirpuri)	19 km
Delhi Bus Stand (ISBT — Kashmiri Gate)	30 km
New Delhi Railway Station	35 km
Indira Gandhi International Airport, Delhi	55 km
Nearest Railway Station (Sonapat)	20 km

## Departments at NIFTEM-K

There are five academic departments at NIFTEM-K:

- Department of Food Business Management and Entrepreneurship Development (FBM&ED)
- Department of Food Engineering (FE)
- Department of Food Science and Technology (FST)
- Department of Interdisciplinary Sciences (IDS)
- Department of Postharvest Technology Bioprocessing and Environmental Sciences (PHTB&ES)

## National Cadet Corps (NCC) at NIFTEM – Building Character and Team Spirit

NIFTEM has a wing of National Cadets Core (NCC). The primary aim of NCC is to develop character, team work, discipline and secular out look. NCC also develop sprite of adventure and ideals of selfless service among the youth.

The NCC unit at NIFTEM is affiliated with 12 Haryana Battalion, contributing to the development of discipline, leadership, and a spirit of service among cadets. NCC stand for Unity and Discipline.



## NIFTEM Knowledge Centre (NKC)

NIFTEM-K Knowledge Centre has a unique set-up of Information and Library Network systems equipped with modern infrastructure including ILM KOHA, 3M RFID security systems, information KIOSKS, CD/DVD library, and a digital library. Resources include online full-text databases, e-books, e-journals, standards, and print materials. The NKC has subscribed to the Knimbus m-Library platform for remote access to all subscribed e-contents. It provides reprography/printing/scanning facilities, a digital library with 12 multimedia PCs, and OPAC (Online Public Access Catalogue) with seating capacity for more than 230 students.

## Hostel Residential Facilities & Amenities

The institute is a fully residential campus equipped with day-to-day facilities including shops, laundry, dispensary, canteen, gymnasium, stationery shop with photocopy facility, kiosks and indoor/outdoor sports facilities. The Institute has sufficient hostel facilities for both boys and girls. Hostel rooms are available on a single, double, and triple-sharing basis.

## Technologies Developed at NIFTEM-K

The institute is a premier institute of India engaged in the food sector. The institute has excellent R&D laboratory facilities equipped with state-of-the-art equipment, along with five pilot plants dedicated to skill development and food processing innovation. Since its inception, the institute has been involved in cutting-edge research, developed several innovative products, machine prototypes and process technologies catering to diverse stakeholders in the food sector including consumers. Different technologies developed by NIFTEM-K can be scanned using the following QR code.



## Financial Aid for Students

### Central Government Scholarships

The Institute Code for the National Scholarship Portal is U-0989. Students may apply for scholarships as per their eligibility using this code. Various schemes under different Ministries/Departments are available on the National Scholarship Portal.

### Institute Scholarships

NIFTEM-K supports students who excel academically and have limited financial resources. All admitted students in the M.Tech , M.Sc programmes with a valid GATE score and/or CUET qualification and thr regular Ph.D. scholars (other than JRF/any other fellowship holders) will be eligible to receive the Institute fellowship (as per academic guidelines), in accordance with the norms of the Ministry of Education (MoE). Additionally, NIFTEM-K provides Merit, Merit-cum-Means, and Industry Sponsored (Corporate) scholarships.

### Educational Bank Loan

NIFTEM-K assists all students who desire to avail study loans from banks. State Bank of India's branch located inside the campus provides all necessary help. **SBI, NIFTEM-K campus branch Contact: Tel: 0130-2372114/2372113 | Email: [sbi.15479@sbi.co.in](mailto:sbi.15479@sbi.co.in)**

# Campus Life at NIFTEM-K campus



## **Technology Innovation & Business Incubation (NTIBIF), (Fostering Innovation, Entrepreneurship, and Start-up Growth in Food & Agri-Business Sectors)**

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NIFTEM Technology Innovation and Business Incubation Foundation (NTIBIF) is the business incubation arm of the NIFTEM-K. It is dedicated to promoting innovation, entrepreneurship, and enterprise development in the food processing and agri-business sectors. NTIBIF supports start-ups, MSMEs, students, and entrepreneurs through incubation, mentoring, and capacity-building initiatives.

The incubator provides access to NIFTEM-K's infrastructure, including pilot plants, laboratories, and testing facilities, enabling product development, refinement, and validation. It also facilitates industry linkages, market access, funding opportunities, and networking support to help start-ups scale sustainably. Till date, NTIBIF has supported more than 65 start-ups across various segments of the food and agrivalue chain. In addition, NTIBIF actively undertakes government and externally funded projects, consultancy assignments, and skill development programmes. Through its integrated support ecosystem, NTIBIF aims to foster innovation-driven enterprises, enhance value addition in agri-food systems, and contribute to economic growth and employment generation.

## Management & Faculty

### Board of Governors (BoG)

Name	Affiliation
Prof. (Dr.) Trilochan Mohapatra (BoG Chairman)	Chairman PPVFRA and former DG ICAR and Secretary DARE, Govt of India
Prof. (Dr.) Harinder Singh Oberoi	Director, NIFTEM, Kundli
Dr. Alka Rao	Advisor, FSSAI (Nominee of Chairperson, FSSAI)
Dr. S.N. Jha	Deputy Director General (Agricultural Engineering) (Nominee of DG, ICAR)
Shri Devesh Deval	Joint Secretary, Institution Division, Ministry of Food Processing Industries
Shri Mrutyunjay Behera	Economic Advisor, Department of Higher Education, Ministry of Education, GoI (Nominee of Secretary to the Government of Higher Education)
Prof. (Dr.) Sunil Kumar Khare	Professor of Chemistry and Dean (R&D), Indian Institute of Technology, Delhi and Director, IISER, Kolkata
Prof. (Dr.) B.S. Sahay,	Director, IIM Jammu
Shri Bharat Bhushan Gogia	Additional Director, MSME (Nominee of Director General, Directorate of Micro, Small and Medium Enterprises, Haryana)
Shri Nilesh Jain,	Founder & Managing Director, N.R. Enterprises, Indore, Madhya Pradesh
Smt. Padmavathi K.N.	Expert – Agriculture & Allied activities & Food Engineering
Prof. (Dr.) Anupama Singh	Dean (Faculty Affairs), NIFTEM, Kundli
Prof. (Dr.) Ashutosh Upadhyay	I/c Registrar, NIFTEM, Kundli
Prof. (Dr.) Neeraj	Department of Agriculture & Environment Sciences, NIFTEM, Kundli
Dr. Sarika Yadav	Associate Professor, Department of FBM&ED, NIFTEM, Kundli
Dr. Barjinder Pal Kaur	Assistant Professor, Department of Food Engineering, NIFTEM, Kundli

### Senate

Name	Affiliation
Prof. (Dr.) Harinder Singh Oberoi	Chairperson, Director (NIFTEM-K)
All Professors of NIFTEM-K	All full-time faculty at the level of Professors
Prof. (Dr.) Narpinder Singh,	Vice Chancellor Graphic Era (Deemed to be University) Bell Road, Clement Town Dehradun, Uttarakhand, India
Prof. (Dr.) D. P. Waskar	Former Director of Research, Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani
Prof. (Dr.) Satish Kumar	Prof. of Finance & Accounting, Indian Institute of Management
<b>Special Invitees</b>	
Dr. Jabir Ali	Professor, Economics & Business Environment, IIM Jammu
Shri Sanjay Khajuria	Former Director - Corporate Affairs and Sustainability at Nestle India
Dr. Kejal Joshi	Nutrition Manager at Marico Limited
Shri Vaibhav Chaturvedi	Head, Talent Management, Nestle India
Shri Suresh Rammurthi	Chief Technologist at ITC
Dr. Khalid Bashir, Assistant	Professor, Department of Food Technology, School of Interdisciplinary Sciences and Technology, Jamia Hamdard
Shri Siddharth Rohilla	Sony Pictures Networks India
Ms. Pranjuli Garg	Co-Founder, ProMeat

### Finance Committee

Name	Affiliation
Prof. (Dr.) Trilochan Mohapatra	Chairman PPVFRA and former DG ICAR and Secretary DARE, Govt of India
Prof. (Dr.) Harinder Singh Oberoi	Director, NIFTEM, Kundli
Shri Devesh Deval	Joint Secretary, Institution Division, Ministry of Food Processing Industries
Shri Asit Gopal	Special Secretary and Financial Advisor, Ministry of Food Processing Industries
Prof. (Dr.) B.S. Sahay	Director, IIM Jammu
Prof. (Dr.) Anupama Singh	Dean (Faculty Affairs), NIFTEM, Kundli
Prof. (Dr.) Ashutosh Upadhyay	I/c Registrar, NIFTEM, Kundli

### Institute Research Committee (IRC)

Members	Affiliation
Prof. (Dr.) Harinder Singh Oberoi	Director (NIFTEM-K)
Dr. M N Doja	Director, Indian Institute of Information Technology, Sonapat
Dr. Komal Chauhan	Professor and Dean (Research and Outreach), NIFTEM-K
Dr. Nitin Goel	Founder, Inficold India Pvt. Ltd.
Prof. (Dr.) Amit Arora	Professor, Centre for Technology Alternatives for Rural (CTARA), IIT Mumbai
Prof. (Dr.) Rekha S. Singhal	Professor, Institute of Chemical Technology, Mumbai
Prof. (Dr.) Deepak Kumar Saini	Professor, Dept. of Developmental Biology & Genetics, IISc, Bangalore
Prof. (Dr.) Visvanathan R.	Professor, (Retired), Food Process Engineering - Tamil Nadu Agricultural University, Coimbatore
Prof. (Dr.) Vinay K. Nangia	Professor, Department of Management Studies, IIT Roorkee
Dr. Shashank Joshi	Consultant, CoE- Diabetology & Endocrinology, Lilavati Hospital and Research Centre, India
Dr. TSR Murali	Founder – Director, Urjita Food Business Consultants, Gurgaon, Haryana
Shri Vilas Shinde	Chairman and Managing Director, Sahyadri Farms, Pune Maharashtra
Dr. Sujatha Jayaraman	Head R&D (Foods and Beverages), South Asia, Unilever, India
Sh. Vikas Gupta	Global Head (R&D), Tata Consumer Products, India
Dr. Anil Tripathi	General Manager (R&D&NPD), IPP Group, Dubai (Now)
Dr. Siva M. Sivaramakrishnan	Vice President (Research & Development), Zydus Wellness Ltd., India

### Board of Postgraduate studies (All Departments)

#### Food Engineering (FE)

Members	Affiliation
Chairperson	Head of the Department
HoD / Nominee	All Head of the Departments (HoDs) / Nominee
Dean & IQAC	Dean (PGS) & Coordinator (IQAC) / Nominee
Student Representative	M. Tech / Ph.D
Dr. Subir Kumar Chakraborty	Chief Scientist, Agricultural Product Process Division, ICAR Central Institute of Agricultural Engineering, Bhopal
Dr. Pavuluri Srinivasa Rao,	Professor, Indian Institute of Technology Kharagpur
Dr. Mukesh Kumar Garg	Former Dean, College of Agricultural Engineering & Technology, CCS Haryana Agricultural University, Hisar
Dr. Ashok Kumar	Former Dean, College of Agricultural Engineering

	&Technology, PAU Ludhiana
Mr. Himanshu Pandey	Vice President, Global Manufacturing, Zydus Wellness Ltd
Mr. Manoj Tomar	Dy. Chief Manager, Parle Biscuits Pvt. Ltd.
Dr. Pravin Jain	Associate Director, R&D, Pepsico India
Mr. Brind Mohan Thakur	Engg. and Product Manager, Tetra Pak India Pvt. Ltd., Gurugram

#### **Food Science and Technology (FST)**

Members	Affiliation
Chairperson	Head of the Department
HoD / Nominee	All Head of the Department (HoDs) / Nominee
Dean & IQAC	Dean (PGS) & Coordinator (IQAC) / Nominee
Student Representative	M. Tech / Ph.D
Prof. Seema Puri (Retired)	Dept. of Clinical and Public Nutrition from IHE University of Delhi, Delhi
Dr. OP Chauhan	Head Fruits and Vegetables Technology Division, DFRL, Mysore
Dr. Shruti Sethi, Principal	Scientist, Dept. of Food Sciences and Post Harvest Technology, IARI Pusa, ICAR Delhi.
Prof. (Dr.) Gurmeet Singh	Dean Research and Outreach, TDU Bangalore.
Dr. Suresh Devatkal	Principal Scientist, ICAR, NRC Meat Hyderabad.
Dr. Abhishek Gupta	Group Product Development Manager, Marico Ltd.
Dr. Jasveer Singh	Director, Global Regulatory Strategy Lead, Danisco India Pvt Limited
Dr. Pirthi Pal Singh	Vice President and Head - R & D, Tirupati Group.
Dr. Kejal Joshi Reddy	Nutrition Manager Marico Ltd.
Dr Vivek Kumar Guar	Head R&D Excellence & Capability Building, Britannia Industries Ltd.

#### **Interdisciplinary Sciences (IDS)**

Members	Affiliation
Chairperson	Head of the Department
HoD / Nominee	All Heads of the Department (HoDs) / Nominees
Dean & IQAC	Dean (PGS) & Coordinator (IQAC) / Nominee
Student Representative	M. Tech / Ph.D
Dr Josemon Jacob	Professor & Head, Polymer Science, IIT Delhi.
Prof. Sunil Bhand	Professor & Former Dean, BITS, Goa Campus, Department of Chemistry, BITS Pilani
Dr. Kavya Dashora	Associate Professor, CRDT, IIT Delhi
Dr. PK Sahu	Professor- Birla Institute of Technology & Science, Pilani Hyderabad Campus
Dr. Amit Sharma	Director, FSSAI, FSSAI HQ, Delhi.
Dr. Rajas Warke	Director (Technical), Hi-Media Pvt. Ltd., Himedia Laboratory, Mumbai
Dr. DashrathOulka	Manager, FISC, Thermo Fisher Ltd. Ghaziabad, Thermo Scientific (India)
Dr Ranjan Mitra,	Head R&D Analytical, Dabur India Ltd.- Dabur Research and Development Centre

#### **Department of Post Harvest Technology, Bioprocessing and Environmental Sciences (PHTBES)**

Members	Affiliation
Chairperson	Head of the Department
HoD / Nominee	All Heads of the Department (HoDs) / Nominees
Dean & IQAC	Dean (PGS) & Coordinator (IQAC) / Nominee
Student Representative	M. Tech / Ph.D
Dr. B.V.C. Mahajan	Director, Punjab Horticultural Postharvest Technology Centre, Punjab Agricultural University

Prof. B.S. Chadha	Professor (Rtd), Department of Microbiology, Guru Nanak Dev University, Amritsar
Dr. Narinder Singh	Professor, Department of Chemistry, Indian Institute of Technology, Ropar
Prof. Dinesh Mohan	Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi
Mr. Deepak Borah	Head, R & D, Uflex Limited
Mr. Ashok Agarwal,	Managing Director, KLA Foods (India) Ltd., Rudrapur
Dr. Ramakrishna Gupta,	AVP & Head, NPD, Patanjali Foods Limited, Haridwar
Dr. VanitKathuria,	Assistant General Manager, Mother Dairy Fruits and Vegetables Pvt. Limited.

### **Food Business Management & Entrepreneurship Development (FBM&ED)**

Members	Affiliation
Chairperson	Head of the Department
HoD / Nominee	All Heads of the Department (HoDs) / Nominees
Dean & IQAC	Dean (PGS) & Coordinator (IQAC) / Nominee
Student Representative	M. Tech / MBA/Ph.D.
Dr. Hulas Pathak	Head, Department of Agri- business & Rural Management, Head & PI- CEO Indira Gandhi Krishi Vishwavidyalaya, Director Research Services
Dr. Harsh Verma	Professor of Marketing, FMS Delhi University, Delhi.
Dr Thenmozhi	Professor, Deptt of Management Studies, Indian Institute of Technology, Madras
Dr. Ramchander. Soundararajan	Senior Manager, HR, ITC-ABD
Mr. Nakul Jaju	Head of Sales Ekam Ultra Farms Pvt Ltd
Mr. Vivek Sehgal	Founder & CEO, Kalgudi Digital Pvt Ltd
Mr. Pravin Jain	Associate Director, Pepsico India

### **Board of Undergraduate Studies**

Members	Affiliation
Prof. Neeraj	Chairperson- Professor & Dean (Academics), NIFTEM, Kundli
HoD	All Heads of the Department (HoDs)
Institute Departments	One Faculty Members per Department
Student Representative	B. Tech. 3 <sup>rd</sup> and 4 <sup>th</sup> Year class representatives
Prof. K. Umamaheshwar Rao	Director, NIT Rourkela (Special Invitee Member)
Dr. Rekha Singhal	Department of Food Engineering and Technology, ICT Mumbai
Dr. Sandeep Kapur	Professor, Agribusiness PAU, Ludhiana, Punjab
Dr. Jagdeep Marahar	Managing Director, Nestle R&D, Manesar, Gurugram
Mr. Vignesh Kumar Manogaran,	Founding team member and EVP, Waycool Food and Products Private Limited
Dr. Shilpa Vora	Chief Technology Officer, Marico Ltd.
Sh. Sudhir Nema	Chief Development and Quality Officer and VP- R&D Quality, Britannia Industries Limited

## Faculty & Technical Staff

FE		IDS	
Name	Designation	Name	Designation
Dr. Anupama Singh	Professor & Head	Dr. Harinder Singh Oberoi	Professor & Head
Dr. P.K. Nema	Professor	Dr. Kalyan Das	Professor
Dr. Vinkel Arora	Professor	Dr. P. Murali Krishna	Professor & Coordinator
Dr. S. Thangalakshmi	Professor	Dr. Vijay Kumar	Professor
Dr. Nitin Kumar	Associate Professor	Dr. Bhaswati Bhattacharya	Associate Professor
Dr. Barjinder Pal Kaur	Associate Professor	Dr. Chakkarvarthi Sarvanan	Associate Professor
Dr. Vijay Singh Sharanagat	Assistant Professor	Dr. Neetu Kumra Taneja	Associate Professor
Dr. Anand Kishore	Assistant Professor	Dr. Kumar Rahul	Associate Professor
Dr. Arun Sharma	Assistant Professor	Dr. Vijay N	Assistant Professor
Dr. Neeraj Malik	Assistant Professor	Dr. Dinesh Kumar	Assistant Professor
Dr. Sheetal Narayan Mane	Assistant Professor	Dr. Pooja Dabas	Assistant Professor
Dr. Santanu Malakar	Assistant Professor	Dr. Ab Lateef Khan	Assistant Professor
Dr. Nitesh Kumar Dubey	Assistant Professor	Dr. Kuljinder Kaur	Lab In charge
Sh. Narender Simhar	Lab In charge	Dr. Rishi Bhatia	Lab Technician
Sh. Naveen Kumar	Lab In charge	Sh. Rajesh Kumar	Lab Technician
Sh. Amarchand	Lab Technician	Sh. M. Saravanan	Lab Technician
Ms. Reena	Lab Technician	Dr. Chanchal Mishra	Lab Technician

FBM&ED		PHTB&ES	
Name	Designation	Name	Designation
Dr. Vimal Pant	Professor & Head	Dr. Bhim Pratap Singh	Professor & Head
Dr. Sanjay Bhayana	Professor	Dr. Prasanna Kumar G V	Professor
Dr. Sapna Arora	Professor	Dr. Sunil Pareek	Professor
Dr. Vikas Saxena	Professor	Dr. Neeraj	Professor
Dr. Sarika Yadav	Professor	Dr. Tripti Agarwal	Associate Professor
Dr. Anupama Panghal	Associate Professor	Dr. Rekha Kumari Meena	Assistant Professor
Dr. Vikas Kumar	Assistant Professor	Dr. Shekhar Agnihotri	Assistant Professor
Dr. Mohd. Asif Intezar	Assistant Professor	Ms. Deepa	Lab Technician
Dr. Vikash Suruliya	Assistant Professor		
Ms. Rachna Soni	Assistant Professor		
Dr. Anubhav	Assistant Professor		

FST		Visiting Faculty	
Name	Designation	Name	Designation
Dr. Rajni Chopra	Professor & Head	Prof. Satish Kumar	Professor, IIM Nagpur
Dr. Ashutosh Upadhyay	Professor	Prof. Vinay Kumar Nangia	Professor (Rtd.), IIT Roorkee
Dr. Komal Chauhan	Professor	Prof. Rahul Sindhwani	Professor, IIM Sambalpur
Dr. Rakhi Singh	Professor	Prof. Jabir Ali	Professor, IIM Jammu
Dr. Prarabdh C. Badgujar	Associate Professor	Prof. H.P. Mathur	Ex Professor, BHU
Dr. Ankur Ojha	Associate Professor	Prof. Hulas Pathak	Professor & Head, Indira Gandhi Agriculture University, Raipur
Dr. Mudlidhar Meghwal	Assistant Professor	Dr. Meha Joshi	Associate Professor, IGDTUW Delhi
Dr. Pramod Prabhakar	Assistant Professor	Dr. Shreekanth Sharma	Director, School of Enterprise Extension, MSME
Dr. Tanya Luva Swer	Assistant Professor	Dr. Lalit Kumar Sharma	Galgotias University, Noida.
Dr. Heena Yadav	Assistant Professor	Prof. Ompal Singh	Department of Operational Research, University of Delhi
Dr. Syed Mansha Rafiq	Assistant Professor	Prof. Seema Sharma	Department of MGT studies, IIT Delhi
Dr. Shumaila Jan	Assistant Professor	Prof. Sheeba Kapil	IIFT, New Delhi
Dr. Anshul Dhawan	Assistant Professor	Prof. Prashant Gupta	IIM, Nagpur
Dr. Monika Chand	Assistant Professor	Prof. Ravi Shankar	IIFT, New Delhi
Sh. Jai Shankar Prasad	Lab Technician	Prof. Hari Shankar Shyam	Sharda University, Greater Noida
Ms. Neerada Narayanan	Lab Technician	Prof. Dr. Diya Malhan	Institute of Management Studies and Research (IMSAR) MDU Rohtak

# ACADEMIC & INDUSTRY COLLABORATIONS

## OUR CORPORATE PARTNERS

## OUR RECRUITERS



## ACADEMIC & INDUSTRY COLLABORATIONS

### MOU with International Academic Institutes

1	<ul style="list-style-type: none"><li>• The University of Melbourne, Australia</li><li>• National Agricultural Research Council (NARC), Nepal</li><li>• Wageningen University, Netherlands</li><li>• Institute for Food Safety and Health (IFSH), Illinois Institute of Technology, USA</li><li>• University of Saskatchewan, Canada</li><li>• Kansas State University (KSU), USA</li><li>• University of Nebraska-Lincoln, U.S.A.</li><li>• University of Saskatchewan, Saskatoon, Canada</li></ul>
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### MOU with National Academic Institutes

2	<ul style="list-style-type: none"><li>• Indian Institute of Technology Delhi (IIT Delhi)</li><li>• Indian Institute Technology, (IITBombay)</li><li>• Indian Institute of Technology, (IIT Hyderabad)</li><li>• Indian Institute of Science, (IISc) Bengaluru</li><li>• Indian Institute of Science Education and Research Kolkata (IISER, Kolkata)</li><li>• Indian Institute of Information Technology, (IIIT) Sonipat</li><li>• Indian Institute of Information Technology, (IIIT) Hyderabad</li><li>• Harcourt Butler Technical University, (HBTU) Kanpur</li><li>• North East Centre for Technology Application and Research, Shillong</li><li>• ICAR-Indian Institute of Plantation Crops Research, Hyderabad</li><li>• Rashtriya Ayurveda Vidyapeeth, New Delhi</li><li>• Indian Institute of Packaging, Mumbai</li><li>• All India Institute of Ayurveda, New Delhi</li><li>• National Institute of Ayurveda</li><li>• Institute of Bioresources and Sustainable Development</li><li>• Central University of Haryana, Mahendargarh</li><li>• Maharishi Dayanand University, Rohtak</li><li>• Dr. Rajendra Prasad Central Agricultural University</li><li>• Institute of Liver and Biliary Sciences</li><li>• Government Institute of Medical Sciences</li></ul>
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### Research Collaborations with Top Industries / Boards

3	<ul style="list-style-type: none"><li>• Tata Consumer Product Ltd</li><li>• Nestle R&amp;D Centre</li><li>• Danfoss Industries Pvt. Ltd</li><li>• LT Foods Ltd</li><li>• Novozymes</li><li>• Nestle, India</li><li>• Hexagon Nutrition</li><li>• Sunita Hydrocolloids Pvt. Ltd.</li><li>• Yakult India</li><li>• Nutricia International Pvt Ltd (DANONE INDIA)</li><li>• Hindustan Unilever Ltd (HUL)</li><li>• Fermenta Biotech Ltd.</li><li>• Thermo-Fisher Scientific India Pvt Ltd,</li><li>• Almond Board of California, USA.</li></ul>
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# Common Admission Guidelines

**ATTENTION: Aspirants must read this section before filling up the online application form.**

## 1. Application Registration Fee

Each candidate is required to submit a separate online application for each mode of admission, along with the applicable (non-refundable) application fee, as specified below:

Category	Application Fee Rs. (Non-Refundable)
• General, OBC-NCL, EWS and all other categories	1000
• SC/ ST/PwD	500

## 2. Reservation Policy for Indian Nationals

NIFTEM-K follows the reservation policy as prescribed by the Government of India from time to time for admissions to all its programmes. The number of seats in each programme shall be allocated and strictly adhered to in accordance with the applicable reservation norms.

Category	Reservation (%)
Other Backward Class — Non-Creamy Layer (OBC-NCL)- Refer to Annexure 1 for undertaking and format of certificate	27%
Scheduled Castes (SC)	15%
Scheduled Tribes (ST)	7.5%
Economically Weaker Sections (EWS)- Refer to Annexure 2	10%
Persons with Disabilities (PwD) — Horizontal Reservation	5%

## 3. Persons with Disabilities (PwD)

PwD candidates should have a minimum of 40% disability, provided they are otherwise capable of pursuing the course. All physically challenged persons must produce a certificate from a CMO/Civil Surgeon of a District or Director/Principal/Professor of a Medical College affiliated to a University or an Institution of National Importance.

## 4. Kashmiri Migrants

Due reservation and concessions will be given to Kashmiri Migrants as per Government of India norms, including:

- Relaxation in cut-off percentage up to 10% (subject to minimum eligibility requirement)
- Increase in supernumerary quota up to 5% in each programme

## 5. Application & Admission Process

- Entrance test for M.Tech. (Non-GATE/CUET), M.Sc.(Non-CUET), MBA(Non-CAT/MAT/CMAT) & Ph.D. candidates without fellowship, will take place at NIFTEM-K Campus, Kundli, District Sonipat, only. There is no other centre within or outside the country.
- Application forms for admission at NIFTEM-K are to be filled online only. Applicants should not send printed copies of the application form.
- Final merit lists and counselling schedules will be uploaded on the institute website only. No postal communication will be made to any applicant.
- NIFTEM-K also attempts to send email, mobile messages to the numbers and email IDs provided in the application form. The entries of mail ID and mobile numbers in the application form must be made correctly with utmost care. Candidates must ensure DND facilities are deactivated during the admission period. It is the sole responsibility of the candidate to provide correct and updated mobile number & email id. Institute will not be responsible for any message/ mail, not reaching/delivering

the information to the candidate in time. Candidates are required to visit the institute website ([www.niftem.ac.in](http://www.niftem.ac.in)) for all the latest updates.

- Under unavoidable circumstances, any pre-scheduled event given as admission timeline may be changed. All admission notifications will be made available on the NIFTEM-K website only.
- In case a candidate provides marks in CGPA/OGPA, the equivalent percentage shall be calculated strictly in accordance with the conversion formula prescribed by the concerned Institute/University, as indicated on the official mark sheet or certificate. In the absence of such a formula on the certificate, the percentage shall be calculated as: **Marks (%) = (CGPA/CPI obtained × 100) / PS**, where, PS= maximum value of the point scale used by the respective board/university/institute.

## 6. Inter-Se Ranking: Breaking Ties in CUET Score

In case of equal RANK in CUET-UG & PG (for all courses), the following criteria shall be adopted for inter-se ranking, If two or more candidates have the same score for a program in the CUET (UG & PG) - 2026, the following criteria will be used in a stated order to break the tie:

1. Qualifying Exam Performance: Candidate with the highest marks in the qualifying degree examination shall be given preference.
2. If the tie persists, the candidate with higher marks in their last available semester/year of the qualifying degree will be considered.
3. Age: If the tie remains, the older candidate (based on Class X certificate date of birth) will be given preference.
4. Application Number: If all else is equal, the candidate who applied earlier in PG admission will be given preference.

## 7. Important Notes on Category Certificates

- Candidates who fail to produce valid category/PwD certificate during counselling will be considered under GENERAL category and will automatically lose their claim of reservation.
- The caste certificate should be in the name of the candidate seeking admission. The caste certificate in the name of either of parents (Father/Mother/Husband) is not acceptable. The name and other particulars in the caste certificate should be same as in application form as well as in the 10<sup>th</sup> and 12<sup>th</sup> class or equivalent certificates. Any variation in the name or other particulars in reserved category certificate may lead to refusal of admission at any stage.
- Submission of a valid caste certificate is mandatory. Failure to submit the certificate within the prescribed timeline will result in cancellation of the provisional admission without any further notice.

## 8. General Instructions

- In the absence of mandatory documentary proof of eligibility, candidates will not be considered for admission to the programmes. Provisionally granted admission will be cancelled if the candidate does not submit the required original documents (such as mark sheets, date of birth certificate, etc.) to the Admission Cell within the stipulated time.
- Admission to the Programs will be subject to verification of facts in the original certificates/documents provided by the candidates. In case any discrepancy is noticed, even at a later stage, NIFTEM-K reserves all rights to cancel the admission and such a decision shall be final and binding on the candidate(s).
- It is the responsibility of the candidates to ascertain whether they possess requisite qualification for admission to the respective program.
- The seats reserved for the SC / ST shall be filled by the SC / ST candidates only. However, after completion of all the rounds of counselling, in case of the non-availability of the eligible candidates in a particular category, the reserved seats may be interchanged between the SC & ST applicants only.

- In the case of non-availability of the eligible candidates in the EWS category, after exhausting all rounds of counselling, these reserved seats may be converted to General Category in order of merit.
- Minor revisions to the total credit requirements for any semester's coursework may be implemented for any the academic program, based on the recommendations of the Institute's statutory bodies.

## 9. Documents Required for Uploading at the Time of Application

S.No	Documents Required
1	Class X & XII Mark sheet or equivalent Certificate
2	Graduation & PG Mark sheet & Certificate (if and as applicable)
3	Qualifying Exam Mark sheet/ Score card/ Rank card
4	Caste Certificate (if applicable). OBC-NCL & EWS Certificate must have been issued on or after 01.04.2026
5	PWD Certificate (if applicable)
6	Work Experience (for MBA, E-MBA and Ph.D. if applicable)

## 10. Admission Fee Payment and Refund Policy

1. Shortlisted candidates need to pay the full admission fee within the scheduled time through the payment gateway or bank transfer mode only. Candidates who fail to complete the payment process will forfeit the allocated seat, and the seat will be offered to the subsequent candidate in the merit list.
2. Candidates who wish to withdraw may request admission cancellation within the stipulated period and apply for a fee refund by submitting an application (format available on the NIFTEM-K official website). The scanned application request should be sent via email from the registered email ID to the Admission Cell.
3. The refund will be processed within a minimum period of 15 days from the date of receipt of the request, after deduction of the applicable cancellation charges as specified below:

S.No	Timeline	Refund Entitlement
1	Request received upto 2 days before the last round of admission for the respective course	Fee deposited will be refunded after deduction of Rs.1,000/- as processing charges
2	Request received after commencement of the session	No refund of the fee deposited except the refundable security amount
3	JoSAA/CSAB admitted candidates	Refund will be initiated only after the transfer of funds to the institute from JoSAA/CSAB

## 11. Foreign student's admission:

### 1) DASA (Direct Admission of Students Abroad) :

The **Direct Admission of Students Abroad (DASA)** scheme is an initiative of the Ministry of Education, Government of India, aimed at facilitating admissions of foreign nationals, Non-Resident Indians (NRIs), Overseas Citizens of India (OCI), and Persons of Indian Origin (PIO) into premier Indian institutions. Under this scheme, eligible candidates can seek admission to **Undergraduate (UG)** and **Postgraduate (PG)** programmes at NIFTEM-K. Admissions are conducted based on specified eligibility criteria, academic qualifications, and standardized test scores, as prescribed for each programme.

Website: <https://dasanit.org/>

## 2) Study in India (SII) Program:

The Study in India Programme is a flagship initiative of the Ministry of Education aimed at positioning India as a preferred global destination for higher education. The programme is designed to attract international students from across the world to pursue **Undergraduate (UG)** and **Postgraduate (PG)** programmes in premier Indian institutions. The added advantage of the Study in India Programme is quality assurance wherein it partners up with institutes/universities in India. Admissions to UG and PG programmes under the Study in India Programme are conducted through a structured and transparent process, based on academic qualifications, eligibility criteria, and, where applicable, standardized test scores or institutional selection procedures.

Website: <https://studyinindia.gov.in/>

## Admission Guidelines — B.Tech.(FTM) Programme

**Programme Name** : B.Tech. (Food Technology and Management)  
**Duration** : 4 Years (8 Semesters)

### Mode of Admission

S.No	Mode of Admission	Number of Seats
1	JoSAA/CSABcounselling	90
2	Direct Admission: JEE Mains-50, NEET-30, CUET-30 (Applications accepted through NIFTEM-K admission portal)	110
	<b>Total Seats</b>	<b>200</b>
3	Foreign Students: DASA-2026 (10 seats) + Study in India Program (10 seats)	10+10 = 20*

\* Supernumerary quota, interchangeable between DASA and Study in India if necessary.

### Seat Matrix — B.Tech.

Mode	Sub-Mode	Open	Open PwD	EWS	EWS PwD	SC	SC PwD	ST	ST PwD	OBC-NCL	OBC PwD	Total
JoSAA/CSAB 2026 centralized counselling	JEE(main)	35	02	8	1	12	1	6	1	22	2	<b>90</b>
NIFTEM-K Direct Mode	JEE (main)	19	1	4	1	7	1	3	1	12	1	<b>50</b>
	NEET	11	1	2	1	4	1	1	1	7	1	<b>30</b>
	CUET	11	1	2	1	4	1	1	1	7	1	<b>30</b>
<b>Total Seats</b>												<b>200</b>

#### A. JoSAA / CSAB 2026 (90 seats)

NIFTEM-K, institute code (430) is officially used in JoSAA/CSAB counselling and seat allocation. Candidates must refer to the JoSAA/CSAB 2026 website for its application procedure, guidelines, and updates, if any. NIFTEM- K will not entertain any discrepancies or queries related to admission through this mode.

#### B. Direct Admissions(110 seats)

- Under this mode, an individual candidate must complete the registration process by applying through the link provided on the NIFTEM Kundli website.
- Out of 110 seats to be filled through Direct Admissions, 50 seats will be filled through JEE-Main, 30 seats will be filled through NEET and 30 seats will be filled through CUET as per the reservation policy of the Govt. of India. Kashmiri Migrants will be allotted 5% supernumerary seats.
- Admission process for seats in respective qualifying exam (JEE/NEET/CUET) will commence as and when the results of such examination are declared. Candidates are advised to frequently visit admission portal for latest updates.

- If a candidate wishes to apply under multiple qualifying exams (JEE/NEET/CUET) category, he/she has to submit separate application form for each qualifying exam by completing fresh application on admission portal.

## Eligibility Criteria for NIFTEM-K Direct Admissions

- Candidate must be an Indian National, Person of Indian Origin (PIO) or Overseas Citizen of India (OCI).
- Candidates must have studied at least three subjects among Physics, Chemistry, Mathematics, and Biology during Class XII.
- Candidate should have a valid JEE Main/NEET/CUET score for the year 2026.
- For candidates who appeared in the Class XII examination for the first time in 2025 and reappeared in any subject (for whatever reason) in 2026, the better of the two performances will be considered.
- If a board gives aggregate marks considering both Class XI and Class XII, then only Class XII examination marks will be considered.
- If a board awards only letter grades without providing an equivalent percentage of marks on the grade-sheet, the candidate should obtain a certificate from the board specifying the equivalent marks and submit it before the deadline for submission of documents. In case the board does not provide such a certificate, the percentage marks will be assessed as follows:  $\text{Marks (\%)} = (\text{CGPA or CPI obtained} \times 100) / \text{PS}$ , where, PS= maximum value of the point scale used by the respective board.

**Table- 1**

S.No	Eligibility Criterion	General/OBC-NCL/EWS	SC/ST/PwD
1	Class XII (Physics + Chemistry + Maths/Biology + English + one additional subject)	60%	55%
2	JEE-Main All India Rank (CRL)	Less than 5 Lakh	Less than 7 Lakh
3	NEET (All India Rank)	Less than 7 Lakh	Less than 9 Lakh
4	CUET — Minimum aggregate in three domain subjects: Physics + Chemistry + Maths/Applied Maths/Computer Science/Biology/Biotechnology/Biochemistry	Minimum 40%	Minimum 35%
5	<p><b>On-Spot Counselling</b> If seats remain vacant after the completion of JoSAA/CSAB 2026 centralised counselling and all rounds of NIFTEM-K Direct Admission counselling, the remaining seats will be filled through an On-Spot Counselling round. All waitlisted (WL) candidates are eligible to participate, and fresh registrations may also be accepted at this stage. All the other minimum eligibility criteria as mentioned at Table-1 remain same for this on-spot counselling round.</p> <p><b>Allotment of Vacant Seats</b> Seats will be allotted strictly in order of merit, within each admission mode (JEE/NEET/CUET), in accordance with the Government of India reservation norms.</p> <p><b>Pooled Round (if seats still remain vacant)</b> If seats remain unfilled even after all counselling rounds are exhausted, they will be pooled together and allotted on the basis of Class XII marks in the following subjects: Physics + Chemistry + Mathematics/Biology + English + one additional subject. In this pooled round, all eligible candidates — irrespective of their qualifying exam (JEE Main/NEET/CUET 2026) — will be considered in a single common merit list.</p> <p><b>Multiple Exam Qualifiers</b> Candidates who have appeared in more than one qualifying examination (JEE Main, NEET, or CUET) will be considered on the basis of their higher score or better rank across those exams.</p> <p><b>Uniform Eligibility Standards</b> The minimum eligibility criteria as mentioned in Table-1 above for B.Tech (FTM) admissions remains unchanged across all stages — Direct Admission, On-Spot Counselling, and the Pooled Round.</p>		

## Multiple Exit Options (NEP Aligned)

**Table- 2**

Program Exit Point	Duration	Credits	Awarded Degree / Diploma	Focus
Exit 1	2 Years	95.5*	Diploma in Food Technology	Basics of Engineering & Food Science
<b>Degree Completion</b>	4 Years	179*	B.Tech (Food Technology and Management)	Food Technology and Management

\* Minor revisions in the total credit requirements in any of the semester course work are anticipated for the B.Tech (Food Technology Management) program.

## Fee Structure — B.Tech. (FTM) (First Semester)

**Table- 3**

Particulars	General/OBC- NCL/EWS	SC / ST / PwD
Tuition Fee	51,650	0
Enrolment&RegistrationCharges	5,000	5,000
LaboratoryCharges	5,000	5,000
LibraryCharges	3,000	3,000
InstitutionalDevelopmentFund	8,000	8,000
ExaminationCharges	5,000	5,000
OutreachActivities	4,000	4,000
StudentActivity Charges	3,300	3,300
MedicalCharges(IncludingMedicalInsurance)	3,000	3,000
HostelRoomRentincl.Electricity,IT,WaterCharges(Sharingbasis)	9,000	9,000
Amenities	1,500	1,500
One-TimeCharge1:SecurityDeposit(Refundable)forInstitution,Library&Mess	15,000	15,000
One-TimeCharge2:AlumniMembership&IdentityCard(Non-Refundable)	11,650	11,650
<b>TotalSemesterFee* (Rs.)</b>	<b>1,25,100</b>	<b>73,450</b>

Note: (1) Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in Table-3) to all semester students including existing students from the date of its notification.

(2) If a single room is available and allotted to the student, the hostel room charge for the semester will be Rs. 12,000/-.

## Tuition Fee Waiver(per semester)

- Complete tuition fee waiver for students whose family income is less than Rs. 1 Lakh per annum
- 2/3rd tuition fee waiver for students whose family income is within Rs. 1 Lakh to Rs. 5 Lakh per annum

Note: OBC-NCL and EWS/Income certificates should be valid for the financial year 2026-27, i.e., issued on or after 01 April 2026.

(i) OBC-NCL certificate should be in the prescribed format: - "Form of certificate to be produced by other backward classes applying for appointment to Posts/Admission to Central Educational Institutes under the Govt of India"- (*The format of respective certificate has been attached at Annexure I*)

(ii) EWS/OBC-NCL/Income certificate should be valid for the financial year 2026-27, i.e. issued on or after 01 April 2026. No correspondence will be entertained to update this during later phase of the admission process- (*The format of respective certificate is available at Annexure II*)

## Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## Tentative Timeline (For Indian students) — B.Tech. (FTM) Admissions

**Table-4**

S.No	Activity/Particulars	Tentative Dates
1	Commencement of Online Application for Direct Admission (JEE/NEET/CUET)	29 April 2026
2	Last date for submission of online application form (Direct Admission — JEE/NEET/CUET)	21 June 2026
3	Reporting/Document Verification/Seat Allotment for B.Tech Direct Admission (JEE/NEET/CUET)	1 <sup>st</sup> week of Aug 2026
4	Reporting/Document Verification for B.Tech (JoSAA/CSAB)	2 <sup>nd</sup> week of Aug 2026
5	On-Spot Counselling	Dates will be announced later

## B.Tech (FTM) Foreign Students Admission:

### 1) Admission through DASA program:

Admission to Foreign Nationals/Persons of Indian Origin/ Non-Resident Indians/Overseas Citizen of India to UG Programs at NIFTEM-K is being offered under DASA 2026 scheme of Ministry of Education (MoE), Government of India.

**Table-5**

DASA UG Seat Matrix (Academic Year 2026-27)						
Institute Code	Institute Name	Program Code	Program Name	Total CIWG Seats	Total General seats	Total Seats (CIWG+General)
430 (Same code submitted in JoSAA/CSAB)	National Institute of Food Technology Entrepreneurship and Management, Kundli (NIFTEM-K)	4183 (Same code submitted in JoSAA/CSAB)	B.Tech, Food Technology and Management (FTM)	3	7	10

\* DASA B.Tech. seat allotment is handled through a centralized, online counselling process. For further details, please visit: <https://dasanit.org/>

## 2) Admission through Study in India (SII) program:

Table-6

Course Title	Number of years/ Semesters (Regular)	No of seats	Eligibility and Mode of Admission
B.Tech- Food Technology and Management (FTM)	4 years (8 semesters)	10	Minimum 60% marks in Class XII / HSC or equivalent examination (Physics, Chemistry, Mathematics /Biology). Qualified in JEE/CUET/NEET/SAT (Valid score in Physics, Chemistry, Math Level 2- a minimum total valid score of 1200+ on SAT Subject Tests is required). The JEE/CUET/NEET eligibility subject details are provided in NIFTEM-K admission prospectus. The candidates are also advised to check eligibility guidelines before applying for the specific course via online application submission.

### Documents required for Foreign Students at the time of Admission

1. Provisional Admission Letter (issued from DASA 2026/ SII), with signature of candidate.
2. JEE 2026/ CUET-UG/ NEET score Card issued by NTA (self-attested copy), if applicable.
3. 10th Standard/Matriculation or equivalent certificate or any other certificate issued by government authorities, as proof of date of birth and Name of Candidate).
4. Candidate's passport and Visa (Nationals of Nepal who do not have a passport, copy of Authenticated Citizenship Card needed to be submitted) or/and PIO/OCI card as applicable.
5. Medical Certificate (in specified Format of the DASA 2026 or SII Information prospectus as Annexure 10)
6. Mark sheet/grade card and Pass certificate (if issued separately from school) of the qualifying examination. Or Certificate from the school studied as proof of completion of 11th and 12th in case of candidates whose final results are awaited (as per the format in Annexure 14 provided in DASA Information Brochure or SII.
7. Mark Sheets of 10th, 11th and 12th class (or) equivalent examination(s).
8. Certificate from School authorities (in the format given in Annexure 11 provided in DASA Information Prospectus) on letter head of the school duly signed by Head of the Institute) as proof of completion of 11th and 12th Standard or equivalent.
9. Certification of the qualifying examination (list mentioned in the Annexure-2 of the DASA Information Brochure or SII) having been recognized by Association of Indian Universities (AIU) as equivalent to +2 stage qualification of an Indian Board giving access to the Bachelor Degree Program at Indian Universities. In case, applicant's qualification is not listed, they need to apply to AIU for an equivalence certificate. (For details Visit Association of Indian Universities website: <a href="http://www.aiu.ac.in">http://www.aiu.ac.in</a> ).
10. School Leaving / Transfer Certificate from the Institution last attended.
11. For candidates who are Indian citizens, certificates proving that he/she completed 11th and 12th class from an institution abroad (as per Annexure 13 of DASA Information Brochure or SII), if it is not clear from the School Leaving / Transfer Certificate.
12. Character and Conduct Certificate from the Institution last attended for candidates who have passed the qualifying examination in current academic year i.e., 2025-2026. or Character and Conduct Certificate from a Gazetted Officer issued on or after 1 <sup>st</sup> March 2026, for candidates who have passed the qualifying examination in years prior to the current academic year.
13. Candidates applying under CIWG category are required to produce all the following documents in addition with the above-mentioned documents: - <ul style="list-style-type: none"> <li>• Copy of the passport of the parent working in the gulf region.</li> <li>• Copy of Parent's visa with a validity on any date in the year 2026.</li> <li>• Copy of Parent's Work Permit with a validity on any date in the year 2026.</li> <li>• Certificate from the company/organization as proof that a parent is working OR was working till any date in the year 2026, in gulf country as per format given in the DASA Information Brochure or SII.</li> </ul>
14. Anti-Ragging Affidavit (format attached) is to be submitted on a Non-Judicial Stamp Paper and duly

notarized
15. Self-Declaration Affidavit is to be submitted on a Non-Judicial Stamp Paper and duly notarized (format attached on NIFTEM-K admission portal)
(a) Details and proof of fee payment in case of payment by SWIFT transfer. 1. If the original certificates are not in English/Hindi, English/Hindi version/translation of such certificates, duly certified by the Head of the Institute or other competent authority of the graduating Institute, will be required during the verification of documents.
<b>Note: 1.</b> Admission is provisional and is subject to cancellation, if the student fails to produce the desired documents in original at the time of physical reporting.
<b>2.</b> If concerned parents are not able to travel with the candidate, attested copy of relevant pages of the parent's passport and visa by a Gazetted officer can be submitted at time of physical reporting along with an authorization letter.

## Fee Structure for Foreign Students

**Table-7**

Particulars	CIWG	SAARC	NON-SAARC
Tuition Fee	INR 62500	US\$ 2000	US\$ 4000
<b>Other Charges (in INR)</b>			
Enrolment & Registration	5000	5000	5000
Laboratory Charges	5,000	5,000	5,000
Library Charges	3,000	3,000	3,000
Institutional Development Fund	8,000	8,000	8,000
Examination Charges	5,000	5,000	5,000
Outreach Activities	4,000	4,000	4,000
Student Activity Charges	3,300	3,300	3,300
Medical Charges (including medical insurance)	3,000	3,000	3,000
Hostel Room rent Including Electricity, IT, Water Charges (Single room accommodation)	15,000	15,000	15,000
Amenities	1,500	1,500	1,500
One Time Charges – 1: Security Deposit (Refundable) for Institution, Library & Mess	15,000	15,000	15,000
One Time Charges– 2: Charges for Alumni Membership & Identity Card (Non-Refundable)	11,650	11,650	11,650
<b>Total Semester Fee*</b>	<b>1,41,950</b>	<b>US\$2000 + 79450</b>	<b>US\$4000 + 79450</b>

Note: Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in Table-3) to all semester students including existing students from the date of its notification.

Note: All the admitted foreign students need to stay at NIFTEM-K hostels only.

### Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

# Admission Guidelines — BBA (Hons) in Data & Business Analytics Programme

<b>Programme Name</b>	:	BBA (Honours) in Data & Business Analytics
<b>Duration</b>	:	4 Years (8 Semesters)
<b>Mode of Admission</b>	:	CUET (UG)
<b>Total Seats</b>	:	30

**Foreign student admission** : **03 (supernumerary seats) via Study in India program**

## Course Rationale

There is an overwhelming market demand for professionals who possess both managerial acumen and technical analytical skills. The global Food & Agri sector is undergoing rapid digital transformation, requiring professionals who can analyze data from supply chain logistics, consumer trends, crop yields, food safety audits, and market forecasting. This programme produces highly skilled, future-ready management professionals who directly address the need for Food & Agri Business Analysts.

## Multiple Exit Options (NEP Aligned)

**Table-8**

Exit Point	Duration	Semesters	Awarded Degree/Diploma	Focus
Exit 1	2 Years	4 Semesters	Diploma in Business Administration (DBA)	Business & Data Fundamentals
Exit 2	3 Years	6 Semesters	Bachelor of Business Administration — BBA (Data & Business Analytics)	UG Specialization
<b>Full Degree</b>	4 Years	8 Semesters	<b>BBA Honours (Data &amp; Business Analytics)</b>	BBA with Internship & Project

## Seat Matrix — BBA (Hons)

Programme	GEN (40.5%)	OBC-NCL (27%)	SC (15%)	ST (7.5%)	EWS (10%)	Total
BBA (Honours)	12	08	05	02	03	<b>30</b>

## Eligibility Criteria

- Candidate must be an Indian National, Person of Indian Origin (PIO) or Overseas Citizen of India (OCI).
- Candidate should have a valid CUET score for the year 2026.
- If a board gives aggregate marks considering both Class XI and Class XII, then only Class XII examination marks will be considered.
- If a board awards only letter grades without providing an equivalent percentage of marks on the grade-sheet, the candidate should obtain a certificate from the board specifying the equivalent marks and submit it before the deadline for submission of documents. In case the board does not provide such a certificate, the percentage marks will be assessed as follows:  $\text{Marks (\%)} = (\text{CGPA or CPI obtained} \times 100) / \text{PS}$ , where, PS= maximum value of the point scale used by the respective board.
- Candidates appearing for Class XII examination in the admission year and expecting to complete by June 2026 may also apply (provisional admission)
- Eligibility Criteria in Qualifying Exams:

**Table-9**

S.No	Eligibility Criterion	General/OBC-NCL/EWS	SC/ST/PwD
1	Class XII	60%	55%
2	CUET — Minimum aggregate in any two domainsubjects (Accountancy/Book Keeping   Business Studies   Economics   Mathematics/Applied Mathematics   Physics   Chemistry   Biology   Computer Science/Informatics Practices   Entrepreneurship) and compulsory subjects (English &General Aptitude Test).	Minimum 40%	Minimum 35%

## CUET (UG) Requirements

**Table-10**

CUET Section	Requirements
<b>Section I — Languages</b>	English (Compulsory)
<b>Section II — Domain Subjects (Any Two)</b>	Accountancy/Book Keeping   Business Studies   Economics   Mathematics/Applied Mathematics   Physics   Chemistry   Biology   Computer Science/Informatics Practices   Entrepreneurship
<b>Section III — General Test</b>	General Aptitude Test (Compulsory)

## Merit Score Calculation

The merit score will be computed as follows:

**Table-11**

Component	Weightage
CUET General Test Score	25%
CUET English Score	25%
Two Domain Subject Scores (combined)	50%

Entrance Exam Merit Score = CUET General Test Score (25%) + CUET English Score (25%) + Two Domain Subjects Scores (25% +25%)

## Timeline — BBA (Hons) Admissions

**Table-12**

S.No	Activity/Particulars	Dates
1	Commencement of Online Application for Direct Admission (CUET)	29April 2026 (Tuesday)
2	Last Date for Submission of Online Application	30 June 2026 (Tuesday)
3	Reporting/Document Verification/Seat Allotment for BBA Admission (CUET)	30 July 2026 (Thursday)

## Fee Structure — BBA (Hons) (First Semester)

Table-13

Particulars	General/OBC- NCL/EWS	SC / ST / PwD
Tuition Fee	51,650	0
Enrolment & Registration Charges	5,000	5,000
Laboratory Charges	5,000	5,000
Library Charges	3,000	3,000
Institutional Development Fund	8,000	8,000
Examination Charges	5,000	5,000
Outreach Activities	4,000	4,000
Student Activity Charges	3,300	3,300
Medical Charges (Including Medical Insurance)	3,000	3,000
Hostel Room Rent incl. Electricity, IT, Water Charges (Sharing basis)	9,000	9,000
Amenities	1,500	1,500
One-Time Charge 1: Security Deposit (Refundable) for Institution, Library & Mess	15,000	15,000
One-Time Charge 2: Alumni Membership & Identity Card (Non-Refundable)	11,650	11,650
<b>Total Semester Fee* (Rs.)</b>	<b>1,25,100</b>	<b>73,450</b>

Note: (1) Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in Table-13) to all semester students including existing students from the date of its notification.

(2) If a single room is available and allotted to the student, the hostel room charge for the semester will be Rs. 12,000/-.

### Tuition Fee Waiver (per semester)

- Complete tuition fee waiver for students whose family income is less than Rs. 1 Lakh per annum
- 2/3rd tuition fee waiver for students whose family income is within Rs. 1 Lakh to Rs. 5 Lakh per annum

Note: OBC-NCL and EWS/Income certificates should be valid for the financial year 2026-27, i.e., issued on or after 01 April 2026.

(i) OBC-NCL certificate should be in the prescribed format: - "Form of certificate to be produced by other backward classes applying for appointment to Posts/Admission to Central Educational Institutes under the Govt of India"- (*The format of respective certificate has been attached at Annexure I*)

(ii) EWS/OBC-NCL/Income certificate should be valid for the financial year 2026-27, i.e. issued on or after 01 April 2026. No correspondence will be entertained to update this during later phase of the admission process- (*The format of respective certificate has been attached at Annexure II*)

### Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## Admission through Study in India (SII) program:

Table-14

Course Title	Number of years/ Semesters (Regular)	No of seats	Eligibility and Mode of Admission
BBA (Honours) in Data & Business Analytics	4 years (8 semesters)	03	Minimum 60% marks in Class XII / HSC or equivalent examination. All the other CUET eligibility requirement will be similar to BBA- CUET-UG requirements only/ SAT Subject Test score(Physics, Chemistry, Math Level 2- a minimum total valid score of 1200+ is required). The CUET eligibility subject details are provided in NIFTEM-K admission prospectus. The candidates are also advised to check eligibility guidelines before applying for the specific course via online application submission.

### Documents required for Foreign Students at the time of Admission

1. Provisional Admission Letter (issued from SII), with signature of candidate.
2. CUET UG score Card issued by NTA (self-attested copy), if applicable.
3. 10th Standard/Matriculation or equivalent certificate or any other certificate issued by government authorities, as proof of date of birth and Name of Candidate).
4. Candidate's passport and Visa (Nationals of Nepal who do not have a passport, copy of Authenticated Citizenship Card needed to be submitted) or/and PIO/OCI card as applicable.
5. Medical Certificate (in specified Format of the DASA 2026/SII Information prospectus as Annexure 10)
6. Mark sheet/grade card and Pass certificate (if issued separately from school) of the qualifying examination. Or Certificate from the school studied as proof of completion of 11th and 12th in case of candidates whose final results are awaited (as per the format in Annexure 14 provided in DASA Information Brochure or SII.
7. Mark Sheets of 10th, 11th and 12th (or) equivalent examination(s).
8. Certificate from School authorities (in the format given in Annexure 11 provided in DASA or SII Information Prospectus on letter head of the school duly signed by Head of the Institute) as proof of completion of 11th and 12th Standard or equivalent.
9. Certification of the qualifying examination (list mentioned in the Annexure-2 of the DASA or SII Information Brochure) having been recognized by Association of Indian Universities (AIU) as equivalent to +2 stage qualification of an Indian Board giving access to the Bachelor Degree Program at Indian Universities. In case, applicant's qualification is not listed, they need to apply to AIU for an equivalence certificate. (For details Visit Association of Indian Universities website: <a href="http://www.aiu.ac.in">http://www.aiu.ac.in</a> ).
10. School Leaving / Transfer Certificate from the Institution last attended.
11. For candidates who are Indian citizens, certificates proving that he/she completed 11th and 12th class from an institution abroad (as per Annexure 13 of DASA Information Brochure or SII), if it is not clear from the School Leaving / Transfer Certificate.
12. Character and Conduct Certificate from the Institution last attended for candidates who have passed the qualifying examination in current academic year i.e., 2025-2026. or Character and Conduct Certificate from a Gazetted Officer issued on or after 1 <sup>st</sup> March 2026, for candidates who have passed the qualifying examination in years prior to the current academic year.
13. Candidates applying under CIWG category are required to produce all the following documents in addition with the above-mentioned documents: - <ul style="list-style-type: none"> <li>• Copy of the passport of the parent working in the gulf region.</li> <li>• Copy of Parent's visa with a validity on any date in the year 2026.</li> <li>• Copy of Parent's Work Permit with a validity on any date in the year 2026.</li> <li>• Certificate from the company/organization as proof that a parent is working OR was working till any date in the year 2026, in gulf country as per format given in the DASA Information Brochure or SII.</li> </ul>
14. Anti-Ragging Affidavit (format attached) is to be submitted on a Non-Judicial Stamp Paper and duly notarized

15. Self-Declaration Affidavit is to be submitted on a Non-Judicial Stamp Paper and duly notarized (format attached on NIFTEM-K admission portal)
(a) Details and proof of fee payment in case of payment by SWIFT transfer. 1. If the original certificates are not in English/Hindi, English/Hindi version/translation of such certificates, duly certified by the Head of the Institute or other competent authority of the graduating Institute, will be required during the verification of documents.
<b>Note: 1.</b> Admission is provisional and is subject to cancellation, if the student fails to produce the desired documents in original at the time of physical reporting.
<b>2.</b> If concerned parents are not able to travel with the candidate, attested copy of relevant pages of the parent's passport and visa by a Gazetted officer can be submitted at time of physical reporting along with an authorization letter.

## Fee Structure for Foreign Students

Table-15

Particulars	CIWG	SAARC	NON-SAARC
Tuition Fee	INR 62500	US\$ 2000	US\$ 4000
<b>Other Charges (in INR)</b>			
Enrolment & Registration	5000	5000	5000
Laboratory Charges	5,000	5,000	5,000
Library Charges	3,000	3,000	3,000
Institutional Development Fund	8,000	8,000	8,000
Examination Charges	5,000	5,000	5,000
Outreach Activities	4,000	4,000	4,000
Student Activity Charges	3,300	3,300	3,300
Medical Charges (including medical insurance)	3,000	3,000	3,000
Hostel Room rent Including Electricity, IT, Water Charges (Single room accommodation)	15,000	15,000	15,000
Amenities	1,500	1,500	1,500
One Time Charges – 1: Security Deposit (Refundable) for Institution, Library & Mess	15,000	15,000	15,000
One Time Charges– 2: Charges for Alumni Membership & Identity Card (Non-Refundable)	11,650	11,650	11,650
<b>Total Semester Fee*</b>	<b>1,41,950</b>	<b>US\$2000 + 79450</b>	<b>US\$4000 + 79450</b>

Note: Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in Table-15) to all semester students including existing students from the date of its notification.

Note: All the admitted foreign students need to stay at NIFTEM-K hostels only.

### Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by the students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

# Admission Guidelines — Integrated B.Tech(FT) +MBA Programme

<b>Programme Name</b>	: B.Tech (Food Technology) + MBA (Food & Agribusiness Management)
<b>Duration</b>	: 5 Years (10 Semesters)
<b>Mode of Admission</b>	: Direct Admission through JEE Mains (via NIFTEM-K Admission Portal)
<b>Total Seats</b>	: 30

## Mode of Admission

**Table-16**

S.No	Mode of Admission	Number of Seats
1	NIFTEM-K Direct mode with JEE Mains eligibility (Apply through NIFTEM-K admission portal)	30
	<b>Total Seats</b>	<b>30</b>
2	Foreign Students: Study in India (SII) Program (Supernumerary quota)	3

## Eligibility Criteria

Eligibility Criterion	General/OBC-NCL/EWS	SC/ST/PwD
Class XII: Physics + Chemistry + Maths/Biology + English + one additional subject	60%	55%
JEE-Main All India Rank (CRL)	Less than 5 Lakh	Less than 7 Lakh

## Seat Matrix — B.Tech (FT) + MBA

Mode	Programme	GEN (40.5%)	OBC-NCL (27%)	SC (15%)	ST (7.5%)	EWS (10%)	Total
NIFTEM-K Direct Mode	B.Tech (FT) + MBA	12	8	5	2	3	<b>30</b>

## Course Rationale

This programme uniquely caters to the industry need for technical expertise combined with managerial competencies. It saves one academic year compared to separate B.Tech and MBA degrees, offering early career entry and faster professional growth. The first three years (Semester 1-6) focus on core engineering, food science, and foundation management courses. Year 4 (Semester 7-8) focuses on Management courses, and Year 5 (Semester 9-10) focuses on dual specialization in Food & Agribusiness Management and a chosen elective (Finance/Marketing/International Business).

## Multiple Exit Options (NEP Aligned)

Program Exit Point	Duration	Credits	Awarded Degree/Diploma	Focus
Exit 1	2 Years	100.5*	Diploma in Food Technology	Basics of Engineering & Food Science
<b>Degree Completion</b>	5 Years	247.5*	B.Tech (Food Technology) + MBA (Food & Agribusiness Management)	Food & Agribusiness Management

\*Minor revisions in the total credit requirements in any of the semester for integrated B.Tech(FT) + MBA degree is anticipated.

## SEMESTER WISE COURSE and CREDIT STRUCTURE

The proposed B.Tech program with MBA integration will be spread across five years and 247.5\* credits. The semester-wise program structure is given as under:

**Table-17**

Semester	Credits	Exit Option with credits
I	19	
II	27	Exit1(AfterYear2):DFS (DiplomainFood Technology)
III	27.5	
IV	27	
CUMULATIVECREDITS(DiplomainFood Technology) Exit-1		100.5
V	29.5	57.0
VI	27.5	
CUMULATIVECREDITS of B.Tech (FT)		157.5 + 5= 162.5
VII	26 (21+5)*	*05creditspartofB.Tech (FT) in VII sem. & Transition to MBA Program
VIII	22	
IX	22	
X	20	
CUMULATIVECREDITS(MBACompletion)		90 -5= 85
Total credit of integrated course (B.Tech (FT) + MBA)		162.5+85=247.5*

### Note:

- Elective courses in semester V & VII will be offered as per existing B.Tech Program except management courses.
- Student need to undergo industry internship, once after the VI semester for 03 months and once after the VIII semester for 02 months to align the Program with individual requirement of B.Tech and MBA Program.
- Only 1 exit option is provided to the student at the end of second year with award of diploma in Food Technology.

## Fee Structure (First Semester)

**Table-18**

Particulars	General/OBC- NCL/EWS	SC / ST / PwD
Tuition Fee	51,650	0
Enrolment & Registration Charges	5,000	5,000
Laboratory Charges	5,000	5,000
Library Charges	3,000	3,000
Institutional Development Fund	8,000	8,000
Examination Charges	5,000	5,000
Outreach Activities	4,000	4,000

Student Activity Charges	3,300	3,300
Medical Charges (Including Medical Insurance)	3,000	3,000
Hostel Room Rent incl. Electricity, IT, Water Charges (Sharing basis)	9,000	9,000
Amenities	1,500	1,500
One-Time Charge 1: Security Deposit (Refundable) for Institution, Library & Mess	15,000	15,000
One-Time Charge 2: Alumni Membership & Identity Card (Non-Refundable)	11,650	11,650
<b>Total Semester Fee* (Rs.)</b>	<b>1,25,100</b>	<b>73,450</b>

Note: (1) Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in **Table-18**) to all semester students including existing students from the date of its notification.

(2) If a single room is available and allotted to the student, the hostel room charge for the semester will be Rs. 12,000/-.

### **Total Course fee (B.Tech (FT) + MBA- 10 semesters):**

The course fee for Semesters 1 to 6 shall be at par with the B.Tech. (FTM) programme. The fee for Semesters 7 to 10 shall be charged at a 25% concession on the prevailing fee structure of the regular MBA programme offered by NIFTEM-K during the respective academic period. Please refer to the fee charged for regular MBA students in (Table- 42 ). Students enrolled in the B.Tech(FT) + MBA programme will undertake two immersion programmes during the fourth year (Semesters 7 and 8) at IITs, IIMs, institutes of repute, or international universities, each of 1 to 2 weeks' duration.

### **Tuition Fee Waiver**

- Complete tuition fee waiver for students whose family income is less than Rs. 1 Lakh per annum
- 2/3rd tuition fee waiver for students whose family income is within Rs. 1 Lakh to Rs. 5 Lakh per annum

Note: OBC-NCL and EWS/Income certificates should be valid for the financial year 2026-27, i.e., issued on or after 01 April 2026.

(i) OBC-NCL certificate should be in the prescribed format: - "Form of certificate to be produced by other backward classes applying for appointment to Posts/Admission to Central Educational Institutes under the Govt of India"- (*The format of respective certificate has been attached at Annexure I*)

(ii) EWS/OBC-NCL/Income certificate should be valid for the financial year 2026-27, i.e. issued on or after 01 April 2026. No correspondence will be entertained to update this during later phase of the admission process- (*The format of respective certificate has been attached at Annexure II*)

### **Mess Fee**

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## Foreign Students Admission:

### Admission through Study in India (SII) program:

**Table-19**

Course Title	Number of years/ Semesters (Regular)	No of seats	Eligibility and Mode of Admission
B.Tech- Food Technology (FT)+ MBA	5 years (10 semesters)	10	Minimum 60% marks in Class XII / HSC or equivalent examination (Physics, Chemistry, Mathematics /Biology). Qualified in JEE/CUET/NEET/SAT (Valid score in Physics, Chemistry, Math Level 2- a minimum total valid score of 1200+ on SAT Subject Tests is required). The JEE/CUET/NEET eligibility subject details are provided in NIFTEM-K admission prospectus. Also, the candidates are advised to check eligibility guidelines before applying for the specific course via online application submission.

**Admission instructions:**All the other necessary documents, fee structure and other guidelines will remain same as details given under B.Tech (FTM) course foreign students admission.

## Fee Structure for Foreign Students

**Table-15**

Particulars	CIWG	SAARC	NON-SAARC
Tuition Fee	INR 62500	US\$ 2000	US\$ 4000
<b>Other Charges (in INR)</b>			
Enrolment & Registration	5000	5000	5000
Laboratory Charges	5,000	5,000	5,000
Library Charges	3,000	3,000	3,000
Institutional Development Fund	8,000	8,000	8,000
Examination Charges	5,000	5,000	5,000
Outreach Activities	4,000	4,000	4,000
Student Activity Charges	3,300	3,300	3,300
Medical Charges (including medical insurance)	3,000	3,000	3,000
Hostel Room rent Including Electricity, IT, Water Charges (Single room accomodation)	15,000	15,000	15,000
Amenities	1,500	1,500	1,500
One Time Charges – 1: Security Deposit (Refundable) for Institution, Library & Mess	15,000	15,000	15,000
One Time Charges– 2: Charges for Alumni Membership & Identity Card (Non-Refundable)	11,650	11,650	11,650
<b>Total Semester Fee*</b>	<b>1,41,950</b>	<b>US\$2000 + 79450</b>	<b>US\$4000 + 79450</b>

Note: Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in [Table-15](#)) to all semester students including existing students from the date of its notification.

Note: All the admitted foreign students need to stay at NIFTEM-K hostels only.

### **Mess Fee**

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by the students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## Admission Guidelines — M.Tech. Programme

<b>Programme Name</b>	: M.Tech. (Five programs offered by five departments)
<b>Duration</b>	: 2 Years (4 Semesters)
<b>Total Seats</b>	: 100

### Mode of Admission

Table-20

S.No	Mode of Admission	Number of Seats
1	GATE	60*
2	CUET-PG 2026	40*
3	Any unfilled seats after exhausting GATE/CUET candidates could be filled through NIFTEM-K's own entrance test	--
	<b>Total Seats</b>	<b>100</b>
4	Foreign Students: DASA-2026 (10 seats- Two seats for each program/department) + Study in India Program (10 seats)	10+10 = 20**

\*Vacant seats under any mode of admission may be interchanged between GATE and CUET qualified candidates, after exhausting all the counselling rounds.

\*\*Supernumerary quota, interchangeable between DASA and Study in India mode, if necessary.

### NIFTEM-K Fellowship:

- All the admitted M.Tech (GATE and CUET) candidates will be provided a monthly fellowship comparable to the GATE fellowship. Candidates receiving a monthly fellowship from other funding agencies (such as DST, ICAR, etc.) will not be eligible for the NIFTEM-K fellowship. In case if student withdraws or cancels the seat after availing the NIFTEM-K fellowship, prior to completion of the programme, the fellowship amount received up to that date shall be refunded to NIFTEM-K, in accordance with the applicable academic guidelines. There is no NIFTEM-K fellowship provision for candidates admitted through Non-GATE and Non-CUET mode.

### M.Tech Specialisations (Program preference)

Table-21

M.Tech Programme	Department
Food Technology and Management (FTM)	Department of Food Science and Technology
Food Process Engineering and Management (FPEM)	Department of Food Engineering
Food Safety and Quality Management (FSQM)	Department of Interdisciplinary Sciences
Food Plant Operations and Management (FPOM)	Department of Food Business Management and Entrepreneurship Development
Food Supply Chain Management (FSCM)	Department of Postharvest Technology Bioprocessing and Environmental Sciences (PHTB&ES)

Candidates must provide their program preference/ choice as per above table while submitting online application.

## Eligibility Criteria

- **Four-year Bachelor's Degree or Master's Degree in a relevant discipline with a minimum of 60% marks in aggregate. A relaxation of 5% shall be allowed for candidates belonging to reserved categories.**

M.Tech Program	Minimum Qualification
Food Technology and Management (FTM)	<p>B.E./ B.Tech./ B.Sc. (4 Years) in Food Science / Food Science &amp; Technology/ Food Technology and Management / Food Technology / Food Processing / Food Engineering / Dairy Engineering / Dairy Technology/ Agricultural &amp; Food Engineering/ Agricultural Engineering/ Agricultural Process Engineering/ Dairy and Food Engineering/ Chemical Engineering/ Biochemical Engineering</p> <p><b>OR</b></p> <p>M.Sc. Degree in Food Technology/ Food Science &amp; Technology/ Food Science/ Dairy Technology/ Food Science and Nutrition/ Clinical Nutrition and Dietetics/ Meat Science/ Meat Technology/ Animal Product Technology/ Livestock Product Technology from a recognized University/Institute.</p> <p>Applicants with M.Sc. Degree may have to register for deficiency course(s) as per the course curriculum requirement.</p>
Food Process Engineering and Management (FPEM)	<p>B.E./ B.Tech. degree in Food Science &amp; Technology / Food Technology and Management/ Food Technology/ Food Process Engineering/ Food Engineering/ Dairy Engineering / Dairy Technology/ Agricultural Process Engineering/ Agricultural &amp; Food Engineering / Agricultural Engineering/ Bio-Chemical Engineering/ Chemical Engineering/ Mechanical Engineering or in related allied field from a recognized University/ Institute or in related allied field from a recognized University/ Institute.</p>
Food Safety and Quality Management (FSQM)	<p>B.E./ B.Tech. degree in Food Science/ Food Science and Technology/ Food Technology and Management/ Food Technology/ Dairy Technology/ Dairy and Food Technology/ Agricultural Process Engineering/ Agricultural and Food Engineering/ Bio-Chemical Engineering/ Chemical Engineering/ Bio Technology</p> <p><b>OR</b></p> <p>M.Sc. degree in Food Technology / Food Science and Technology / Food Microbiology/ Biochemistry from a recognized University/ Institute OR in related field from a recognized University/ Institute.</p> <p>Applicants with M.Sc. Degree may have to register for deficiency course(s) as per the course curriculum requirements.</p>
Food Plant Operations and Management (FPOM)	<p>B.E./ B.Tech. degree in Food Science/ Food Science &amp; Technology/ Food Technology and Management/ Food Technology/ Food Process Engineering/ Food Engineering/ Dairy Engineering / Dairy Technology/ Agricultural Process Engineering/ Agricultural &amp; Food Engineering/ Agricultural Engineering/ Mechanical Engineering/ Bio-Chemical Engineering/ Chemical Engineering from a recognized University/ Institute <b>(OR)</b></p> <p>M.Sc. in Food Science/ Food Technology/ Food Science and Technology OR in related allied field from a recognized University/ Institute.</p> <p>Applicants with M.Sc. Degree may have to register for deficiency course(s) as per the course curriculum requirement.</p>
Food Supply Chain Management (FSCM)	<p>B.E./B.Tech. degree in Food Science /Food Science and Technology/ Food Technology and Management/ Food Technology/ Food Engineering/ Process and Food Engineering/ Dairy &amp; Food Technology /Dairy &amp; Food Engineering /Dairy Technology/ Biotechnology /Agricultural and Food Engineering/ Four years Bachelor's degree in Agriculture/Horticulture/and allied Disciplines</p> <p><b>OR</b></p> <p>M.Sc. in Horticulture/ Post Harvest Technology/ Postharvest Management/ Cold Chain Management / Food Science/ Food Technology/ Food Science and Technology/ Food Science and Nutrition OR Master's degree or equivalent in Agri business Management from recognized University / Institute or in related allied field from a recognized University/Institute</p> <p>Applicants with non-food degree may have to register for deficiency course to complete the course curriculum requirement.</p>

## Seat Matrix — M.Tech. (GATE: 60 Seats)

Table-22(A)

Programme	GEN (40.5%)	OBC-NCL (27%)	SC (15%)	ST (7.5%)	EWS (10%)	Total
FPEM	5	3	2	1	1	12
FPOM	5	3	2	1	1	12
FSCM	5	3	2	1	1	12
FSQM	5	3	2	1	1	12
FTM	5	3	2	1	1	12

## Seat Matrix — M.Tech. (CUET: 40 Seats)

Table-22(B)

Programme	GEN (40.5%)	OBC-NCL (27%)	SC (15%)	ST (7.5%)	EWS (10%)	Total
FPEM	3	2	1	1	1	08
FPOM	3	2	1	1	1	08
FSCM	3	2	1	1	1	08
FSQM	3	2	1	1	1	08
FTM	3	2	1	1	1	08

### Selection Process

- GATE: Candidates should have a valid GATE score for the year 2026
- CUET: Candidates should have a valid CUET-PG score for the year 2026 in any one of the test papers corresponding to the M.Tech programme. Candidates have to qualify any one-domain subject area in the respective department. General and OBC-NCL candidates need to score a minimum of 40% in the respective test paper while the minimum scorerequirementfor students from reserved categories are 35%. CUET subject mapping details are given below.

### CUET-PG2026 SUBJECT MAPPING

Table-23

S.No	M.Tech Program	CUET Domain subjects with Test paper code
1	Food Process Engineering and Management (FPEM)	1. Food Engineering and Technology (MTQP06) 2. Chemical, Polymer and Thermal Engineering (MTQP01) 3. Mechanical Engineering (MTQP07) 4. Food Science and Technology (SCQP12)
2	Food Plant Operations and Management (FPOM)	1. Dairy Technology (MTQP03) 2. Food Engineering and Technology (MTQP06) 3. Chemical, Polymer and Thermal Engineering (MTQP01) 4. Food Science and Technology (SCQP12) 5. Agri Business Management (COQP01)
3	Food Supply Chain Management (FSCM)	1. Dairy Technology (MTQP03) 2. Food Engineering and Technology (MTQP06) 3. Food Science and Technology (SCQP12) 4. Agricultural Science (SCQP01)

		5. Life Sciences (SCQP17) 6. Environmental Science (SCQP11) 7. Microbiology/ Applied Microbiology (SCQP03) 8. Agri Business Management (COQP01)
4	Food Safety and Quality Management (FSQM)	1. Dairy Technology (MTQP03) 2. Food Engineering and Technology (MTQP06) 3. Food Science and Technology (SCQP12) 4. Life Sciences (SCQP17) 5. Bio-Informatics (SCQP06) 6. Biochemistry (SCQP05) 7. Microbiology/ Applied Microbiology (SCQP03) 8. Nanosciences Integrative Biosciences (SCQP22)
5	Food Technology and Management (FTM)	1. Dairy Technology (MTQP03) 2. Food Engineering and Technology (MTQP06) 3. Chemical, Polymer and Thermal Engineering (MTQP01) 4. Food Science and Technology (SCQP12) 5. Biochemistry (SCQP05) 6. Microbiology/ Applied Microbiology (SCQP03)

### ENTRANCE TEST FOR NON-GATE/NON-CUET CANDIDATES BY NIFTEM-K

In case, seats remain vacant after admitting eligible candidates through GATE and CUET, same will be offered to Non-GATE/ Non-CUET candidates through NIFTEM-K entrance test.

### PATTERN OF ENTRANCE TEST

The written test for Non-GATE/Non-CUET candidates shall consist of hundred (100) multiple choice questions of one mark each, there shall be negative marking and for each wrong answer 0.25 marks will be deducted.

The duration of the test will be one hour and thirty minutes. The test shall consist of two parts.

Part-A shall contain thirty (30) questions to test the General Ability, English and General Knowledge which is common for all the candidates. Part-B shall contain seventy (70) questions to test candidate's knowledge in their domain areas. Due to varied nature of eligibility areas, Part-B shall consist of five sections as given below and candidates may attempt any one of them.

**Broad description of each section under Part-B of entrance test is given below:**

**Table-24**

<b>Section I</b>	Food Science & Technology, Food Engineering, Dairy Technology, Food and Nutrition
<b>Section II</b>	Food Engineering, Agricultural Process Engineering, Bio Chemical Engineering, Chemical Engineering, Mechanical Engineering
<b>Section III</b>	Food Business Management and Entrepreneurship Development
<b>Section IV</b>	Food Science & Technology, Food and Nutrition, Biotechnology, Microbiology, Biochemistry, Food Quality and Safety
<b>Section V</b>	Agriculture, Environmental Science, Food Science & Technology, Post-Harvest Management.

**Note:**

1. The applicant has to provide the department preference during the submission of online application carefully. Any change in the order of preference will not be permitted after submission of the application.
2. **Applicants who wish to participate in counselling through both GATE and CUET must submit separate applications for each mode of admission.**

3. Candidates are required to indicate their program preference while filling and submitting the online application form. Applicants applying through both GATE and CUET modes must ensure that the order of program preferences remains identical in both applications. In case of any discrepancy in the program preference order, the Institute will consider the same order submitted under the GATE application as final and applicable to the CUET application as well.
4. Course preferences will be upgraded automatically as per the availability of seats during counselling and based on the merit list of GATE and CUET.

## Tentative Timelines — M.Tech. Admissions

**Table-25**

S.No	Activity/Particulars	Dates
1	Application Portal Open/Live Date	29 April 2026
2	Last Date for Submission of Application Forms Online	03 June 2026
3	Merit List for Counselling of GATE & CUET Candidates	11 June 2026
4	Counselling of GATE and CUET Candidates	18 June — 08 July 2026
5	List of Admitted Candidates and Vacant Seats (if any)	14 July 2026
6	Entrance Test for Non-GATE/ Non-CUET Candidates	17 July 2026
7	Merit List (Non-GATE/Non-CUET)	21 July 2026
8	Counselling of Non-GATE/Non-CUET Candidates	22–24 July 2026
9	Physical Reporting of GATE/CUET/Non-GATE/Non-CUET Selected Candidates	28 July 2026

## Fee Structure — M.Tech. (First Semester)

**Table-26**

Particulars	General/OBC- NCL/EWS	SC / ST / PwD
Tuition Fee	25,850	0
Enrolment&RegistrationCharges	5,000	5,000
LaboratoryCharges	10,500	10,500
LibraryCharges	5,000	5,000
InstitutionalDevelopmentFund	16,355	16,355
ExaminationCharges	5,000	5,000
OutreachActivities	3,000	3,000
StudentActivity Charges	3,300	3,300
MedicalCharges(IncludingMedicalInsurance)	3,000	3,000
HostelRoomRentincl.Electricity,IT,WaterCharges	12,000	12,000
Amenities	1,500	1,500
One-TimeCharge1:SecurityDeposit(Refundable)	15,000	15,000
One-TimeCharge2:AlumniMembership&IdentityCard	11,650	11,650
TotalSemesterFee* (Rs.)	1,17,155	91,305

Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in **Table-26**) to all semester students including existing students from the date of its notification.

## Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## M.Tech Admissions- Foreign Students

### 1) Admission through DASA and Study in India (SII) program:

Admission to Foreign Nationals/Persons of Indian Origin/ Non-Resident Indians/Overseas Citizen of India to postgraduate Programs at NIFTEM-K, is being offered under DASA scheme and also the Study in India Programme which is a flagship initiative of the Ministry of Education, Government of India. For further details, please visit: [https://dasanit.org/dasa2025/dasa/home\\_pg](https://dasanit.org/dasa2025/dasa/home_pg)

**Table-27**

<b>DASA PG Seat Matrix (Academic Year 2026-27)</b>		
<b>M.Tech Program: 2 years (04 semesters)</b>	<b>Total No. of seats (supernumerary quota)</b>	<b>Eligibility and Mode of Admission</b>
1. M.Tech: Food Technology and Management (FTM)	20 seats	<p>Four Years Bachelor's Degree or a Master's degree with at least 60% aggregate marks, as specified for the respective department in the NIFTEM-K Admission Prospectus.</p> <p><b>Entrance Requirement:</b> Candidates must have either: Valid GATE score (or) A minimum of 40% score in CUET (PG) in the domain subjects relevant to the chosen programme, (or) A minimum total score of 300 in the GRE General Test (Verbal + Quantitative).</p> <p><b>Note:</b> All other minimum eligibility requirements shall remain applicable as per the admission guidelines for regular M.Tech candidates.</p>
2. M.Tech: Food Process Engineering and Management (FPEM)	(DASA-2026 (10 seats- Two seats for each program/department) + Study in India Program (10 seats) –	
3. M.Tech: Food Safety and Quality Management (FSQM)		
4. M.Tech: Food Plant Operations and Management (FPOM)		
5. M.Tech: Food Supply Chain Management (FSCM)		
	Supernumerary quota, interchangeable between DASA and Study in India, if necessary).	

### Fee Structure for Foreign Students Admission:

**Table-28**

<b>Particulars</b>	<b>SAARC* (Semester Fee)</b>	<b>Non-SAARC** (Semester Fee)</b>
Tuition Fee	<b>US\$2000</b>	<b>US\$4000</b>
<b>Particulars</b>	<b>Payable in INR</b>	<b>Payable in INR</b>
Enrolment & Registration Charges	5,000	5,000
Laboratory Charges	10,500	10,500

Library Charges	5,000	5,000
Institutional Development Fund	16,355	16,355
Examination Charges	5,000	5,000
Outreach Activities	3,000	3,000
Student Activity Charges	3,300	3,300
Medical Charges (Including Medical Insurance)	3,000	3,000
Hostel Room rent Including Electricity, IT, Water Charges (Single room accommodation)	15,000	15,000
Amenities	1,500	1,500
One Time Charges – 1: Security Deposit (Refundable) for Institution, Library & Mess	15,000	15,000
One Time Charges– 2: Charges for Alumni Membership & Identity Card	11,650	11,650
<b>Total Semester Fee (excluding tuition fee)</b>	<b>94,305</b>	<b>94,305</b>

### Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## Admission Guidelines — M.Sc. Programme

<b>Programme Name</b>	: M.Sc. Food Science and Technology   M.Sc. Food Nutrition & Dietetics
<b>Duration</b>	: 2 Years (4 Semesters)
<b>Total Seats</b>	: 40 Total (20 per programme)

### Mode of Admission

**Table-30**

S.No	Mode of Admission	Number of Seats
1	CUET (PG) conducted by NTA 2026	20+20
2	If seats remain vacant after CUET admission process, the remaining vacant seats will be filled through NIFTEM-PG Entrance.	--
	<b>Total Seats (two M.Sc. programs)</b>	40
3	Foreign Students: Study in India Program	04*

\*Seats are interchangeable between the two programs, if necessary.

Note: \*Supernumerary seats will be filled through study in India (SII) programme

### NIFTEM-K Fellowship:

- All M.Sc. candidates admitted through CUET eligibility will be provided a monthly fellowship comparable to the GATE fellowship. Candidates receiving a monthly fellowship from other funding agencies (such as DST, ICAR, etc.) will not be eligible for the NIFTEM-K fellowship. In case a student withdraws or cancels the seat after availing the NIFTEM-K fellowship, prior to completion of the programme, the fellowship amount received up to that date shall be refunded to NIFTEM-K, in accordance with the applicable academic guidelines. There is no NIFTEM-K fellowship provision for Non-CUET admitted candidates.

### Eligibility Criteria

Bachelor's Degree (minimum 3 years) in relevant discipline (as mentioned below) with minimum 60% marks in aggregate. A relaxation of 5% of marks shall be allowed for the candidates belonging to reserved categories.

**Table-31**

M.Sc. Program	Minimum Qualifications
<b>M.Sc. Food Science and Technology</b>	<ul style="list-style-type: none"> <li>Three/Four Years Bachelor's degree in Food Science and Technology / Food Technology/ Food Technology and Management/ Food Processing/ Food Process Engineering/ Agricultural and Food Engineering/ Dairy Technology/Dairy Chemistry/Dairy Microbiology/ Agricultural Process Engineering/ Food Science and Nutrition/ Food Nutrition and Dietetics/ Agriculture/ Horticulture/ Fisheries/ Biotechnology/ Microbiology/ Biochemistry</li> </ul>
<b>M.Sc. Food Nutrition &amp; Dietetics</b>	<ul style="list-style-type: none"> <li>Three/Four Years Bachelor's degree in Home Science (Hons./Prog./Pass/ Hons. with research)/ Food Science and Nutrition/ Food Dietetics and Nutrition/ Clinical Nutrition and Dietetics/ Public Health Nutrition/ Community Science/ Family &amp; Community Science/ Integrated Family &amp; Community Science/ Home Science-Human Ecology and Community Science/ Food Science and Nutrition/ Food Nutrition and Dietetics/ Clinical Nutrition and Dietetics/Food Science and Technology/ Food Technology / Food Technology and Management/ Food Processing/ Dairy Technology/Agricultural</li> </ul>

	Sciences/ Horticulture/ Fisheries/ Biotechnology/ Microbiology/ Biochemistry <ul style="list-style-type: none"> <li>• Candidate must have passed Biochemistry and any one subject in the following areas: Food &amp; Nutrition / Nutrition through the life cycle / Public Nutrition / Food Science and Processing / Diet therapy / Nutrition for Adults and Elderly/ Nutrition for Children and Adolescents/ Any other nutrition related subject.</li> </ul>
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## Seat Matrix — M.Sc.

**Table-32**

Programme	GEN (40.5%)	OBC-NCL (27%)	SC (15%)	ST (7.5%)	EWS (10%)	Total
M.Sc. Food Science and Technology	8	5	3	2	2	<b>20</b>
M.Sc. Food Nutrition & Dietetics	8	5	3	2	2	<b>20</b>

\*Note: Vacant seats if any will be filled through NIFTEM-K Entrance test

## CUET Selection Process

- CUET score for the year 2026 in any one of the test papers mentioned below corresponding to the M.Sc. program will be used for selection. Candidates have to qualify any one-domain subject area in the respective department. General and OBC-NCL candidates need to score a minimum of 40% in the respective test paper while the minimum scoring requirement for reserved categories is 35%. CUET subject mapping details are as given below. The cut-off score will be updated during the counselling process.

**Table-33**

S.No	Program	CUET Subject areas
1	<b>M.Sc. Food Science and Technology</b>	<ul style="list-style-type: none"> <li>• Dairy Technology (MTQP03)</li> <li>• Food Engineering and Technology (MTQP06)</li> <li>• Agricultural Science (SCQP01)</li> <li>• Applied Microbiology / Microbiology (SCQP03)</li> <li>• Biochemistry (SCQP05)</li> <li>• Chemistry (SCQP08)</li> <li>• Environmental Sciences (SCQP11)</li> <li>• Food Science and Technology (SCQP12)</li> <li>• Horticulture (SCQP16)</li> <li>• Life Sciences (SCQP17)</li> </ul>
2	<b>M.Sc. Food Nutrition &amp; Dietetics</b>	<ul style="list-style-type: none"> <li>• Public Health (COQP19)</li> <li>• Home Science (HUQP11)</li> <li>• Dairy Technology (MTQP03)</li> <li>• Agricultural Science (SCQP01)</li> <li>• Applied Microbiology / Microbiology (SCQP03)</li> <li>• Biochemistry (SCQP05)</li> <li>• Food Science and Technology (SCQP12)</li> <li>• Life Sciences (SCQP17)</li> </ul>

## NIFTEM-K-PG ENTRANCE TEST FOR NON-CUET CANDIDATES

In the event that seats remain vacant after admission of eligible candidates through CUET, such seats shall be offered to non-CUET candidates through the NIFTEM-K PG entrance test. Admission shall be strictly based on merit. The test shall consist of two parts.

**Table-34**

S.NO	Non-CUET Test	No. of questions	Topics for entrance test	Instructions
1	Part-A	30	Mental / General Ability, English and General Knowledge which is common for all the candidates	<ul style="list-style-type: none"> <li>Duration: one hour and thirty minutes multiple choice questions of one mark each</li> <li>There shall be negative marking and for each wrong answer 0.25 marks will be deducted. The duration of the test will be one hour and thirty minutes.</li> <li>For part-B test, candidates seeking admission to a specific M.Sc. programme must appear for the corresponding test papers- 1 or 2, while candidates intending to be considered for multiple programmes are required to appear for both the test papers.</li> <li>The cut-off score for the NIFTEM-K Entrance Test shall be determined in line with the criteria specified under the CUET selection process.</li> </ul>
2	Part-B	70	Please refer to the annexure for a detailed syllabus of the respective M.Sc. program.*	
	<b>Total</b>	<b>100</b>		

- **Non-CUET, part B test syllabus has been provided in Annexure -**

### Important Note:

- Candidates applying for two M.Sc. disciplines must submit separate application forms for each program.
- Separate merit lists will be prepared for the two M.Sc. programmes based on CUET test scores. Similarly, separate merit lists will be prepared for NIFTEM-K PG entrance test score candidates.
- In the event that a candidate is included in the merit list for both M.Sc. programmes, he/she must choose and confirm admission to only one programme.
- If a candidate has applied to both M.Sc. programmes and is placed in the merit list of one programme and the waiting list of the other, the seat shall be automatically allotted in the programme where the candidate holds a higher merit position. The candidate must then pay the admission fee within the prescribed counselling schedule. No requests for interchange, upgradation, or transfer to another M.Sc. programme shall be entertained thereafter under any circumstances.
- Seats withdrawn before admission closure will be reallocated as per NIFTEM-K policy guidelines.

## Tentative Timeline — M.Sc. Admissions

**Table-35**

S.No	Activity/Particulars	Dates (Tentative)
1	Application Portal Open/Live Date	29 April 2026
2	Last Date for Submission of Application Forms Online	02 June 2026
3	Merit List for Counselling	11 June 2026
4	Counselling	18 June — 08 July 2026
5	List of Admitted Candidates and Vacant Seats (if any)	14 July 2026
6	Entrance Test for Non-CUET Candidates	17 July 2026
7	Merit List (Non-CUET)	21 July 2026
8	Counselling of Non-CUET Candidates	22–23 July 2026
9	Physical Reporting of CUET/Non-CUET Selected Candidates	20 to 28 July 2026

- The exact date and time schedule and other guidelines will be notified in admission portal

## Fee Structure — M.Sc. (First Semester)

**Table-36**

Particulars	General/OBC- NCL/EWS	SC / ST / PwD
Tuition Fee	25,850	0
Enrolment & Registration Charges	5,000	5,000
Laboratory Charges	10,500	10,500
Library Charges	5,000	5,000
Institutional Development Fund	16,355	16,355
Examination Charges	5,000	5,000
Outreach Activities	3,000	3,000
Student Activity Charges	3,300	3,300
Medical Charges(Including Medical Insurance)	3,000	3,000
Hostel Room Rent incl. Electricity, IT, Water Charges	12,000	12,000
Amenities	1,500	1,500
One-Time Charge1:Security Deposit (Refundable)	15,000	15,000
One-Time Charge2:Alumni Membership & Identity Card	11,650	11,650
<b>Total Semester Fee* (Rs.)</b>	<b>1,17,155</b>	<b>91,305</b>

Note: Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in [Table-36](#)) to all semester students including existing students from the date of its notification.

## Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## M.Sc. Admissions- Foreign Students

### Admission through Study in India (SII) program:

**Table-37**

M.Sc Program: 2 years (04 semesters)	Total No of seats (supernumerary quota)	Eligibility and Mode of Admission
M.Sc. Food Nutrition & Dietetics	04 seats (02+02 in each M.Sc program- interchangeable if necessary)	Educational Qualification: Three/Four Years Bachelor's degree in a relevant discipline with at least 60% aggregate marks, as specified for the respective department in the NIFTEM-K Admission Prospectus. Entrance Requirement: Candidates must have either: A minimum of 40% score in CUET (PG) in the domain subjects relevant to the chosen programme, (or) A minimum total score of 300 in the GRE General Test (Verbal + Quantitative). Advisory: All other minimum eligibility requirements shall remain applicable as per the admission guidelines for M.Sc.program candidates
M.Sc. Food Science and Technology		

### Fee Structure for Foreign Students Admission:

**Table-38**

Particulars	SAARC* (Semester Fee)	Non-SAARC** (Semester Fee)
Tuition Fee	<b>US\$2000</b>	<b>US\$4000</b>
	<b>Payable in INR</b>	<b>Payable in INR</b>
Enrolment & Registration Charges	5,000	5,000
Laboratory Charges	10,500	10,500
Library Charges	5,000	5,000
Institutional Development Fund	16,355	16,355
Examination Charges	5,000	5,000
Outreach Activities	3,000	3,000
Student Activity Charges	3,300	3,300
Medical Charges (Including Medical Insurance)	3,000	3,000
Hostel Room rent Including Electricity, IT, Water Charges (Single room accommodation)	15,000	15,000
Amenities	1,500	1,500
One Time Charges – 1: Security Deposit (Refundable) for Institution, Library & Mess	15,000	15,000
One Time Charges– 2: Charges for Alumni Membership & Identity Card	11,650	11,650
<b>Total Semester Fee* (Excluding Tuition Fee)</b>	<b>94,305</b>	<b>94,305</b>

## **Mess Fee**

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## Admission Guidelines — MBA Programme

<b>Programme Name</b>	: Master of Business Administration (MBA)
<b>Duration</b>	: 2 Years (Full-time)
<b>Specialisation</b>	: Compulsory: Food & Agri-Business Management   Optional: Marketing, Finance, or International Business
<b>Total Seats</b>	: 30

### Mode of Admission

Table-39

S.No	Mode of Admission	Number of Seats
1	Valid CAT/MAT/CMAT score- 2025	30
	<b>Total Seats</b>	<b>30</b>
2	Foreign Students : Study in India (SII) Program (Supernumerary quota)	3

### Eligibility Criteria

Bachelor's degree (minimum three-year duration) or equivalent in a relevant discipline with at least 50% aggregate marks (45% for SC/ST) or equivalent CGPA.

### Seat Matrix — MBA

GEN	OBC-NCL	SC	ST	EWS	Total
12	8	5	2	3	<b>30</b>

### Selection Process

Shortlisting shall be based on a valid CAT/MAT/CMAT score (year 2025) or the NIFTEM-K Internal Test score. The cut-off for the test score would be declared as per the recommendation of selection committee. The selection process includes Group Discussion (GD) and Personal Interview (PI). The final merit list is prepared based on GD/PI performance, past academic records, and work experience.

### Pattern of NIFTEM-K Internal Test

- Written test of 90 minutes | 50 objective questions (2 marks each) | No negative marking
- Entrance test syllabus is provided on the NIFTEM-K admission portal

Table-40

Section	No. of Questions	Marks
Section 1: Logical Reasoning/Data Interpretation	15	30
Section 2: Quantitative Analysis	15	30
Section 3: Verbal Ability/Reading Comprehension	20	40
<b>Total</b>	<b>50</b>	<b>100</b>

## Tentative Timeline — MBA Admissions

**Table-41**

S.No	Activity/Particulars	Dates
1	Application Portal Open/Live Date	29 April 2026
2	Last Date for Submission of Application Forms Online	03 June 2026
3	List of Eligible Candidates for Test/GD-PI	05 June 2026
4	NIFTEM Entrance Test (Non-CAT/MAT/CMAT) + GD/Interview (CAT/MAT/CMAT)	08 July 2026
5	GD/Interview for Non-CAT/MAT/CMAT Candidates	08 July 2026
6	Result Declaration of Selected Candidates	10 July 2026
7	Online Counselling for Fees Submission/Admission Process	10 July 2026

## Fee Structure — MBA (First Semester)

**Table-42**

Particulars	General/OBC- NCL/EWS	SC / ST / PwD
Tuition Fee	1,27,500	0
Enrolment & Registration Charges	5,000	5,000
Laboratory Charges	0	10,500
Library Charges	3,000	5,000
Institutional Development Fund	20,500	16,355
Examination Charges	3,000	5,000
Outreach Activities	3,000	3,000
Student Activity Charges	2,300	3,300
Medical Charges (Including Medical Insurance)	2,000	3,000
Hostel Room Rent incl. Electricity, IT, Water Charges	12,000	12,000
Amenities	500	1,500
One-Time Charge 1: Security Deposit (Refundable)	15,000	15,000
One-Time Charge 2: Alumni Membership & Identity Card	11,650	11,650
<b>Total 1st Semester Fee* (Rs.)</b>	<b>2,05,450</b>	<b>91,305</b>

Note: Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in **Table-42**) to all semester students including existing students from the date of its notification.

### Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable / waived off even when the student proceeds on internship or study tour or vacations.

## Admission through Study in India (SII) program:

**Table-43**

Program	Duration	No of seats	Eligibility Remarks
MBA- Food and Agri-business Management	2 years (04 semesters)	03	Candidates must possess a Bachelor's degree (Minimum three years duration) or equivalent in a relevant discipline with a minimum of 50% aggregate marks from a recognized university/institution, along with a valid CAT/MAT/CMAT score (year 2025)(or) GMAT score of at least 480. All other minimum eligibility requirements shall remain applicable as per the admission guidelines for regular MBA candidates. Applicants are advised to carefully review the detailed eligibility criteria before submitting the online application for the respective program.

## MBA Admissions- Foreign Students

### Fee Structure for Foreign Students Admission:

**Table-44**

Particulars	SAARC* (Semester Fee)	Non-SAARC** (Semester Fee)
Tuition Fee	US\$2000	US\$4000
Particulars	Payable in INR	Payable in INR
Enrolment & Registration Charges	5,000	5,000
Laboratory Charges	10,500	10,500
Library Charges	5,000	5,000
Institutional Development Fund	16,355	16,355
Examination Charges	5,000	5,000
Outreach Activities	3,000	3,000
Student Activity Charges	3,300	3,300
Medical Charges (Including Medical Insurance)	3,000	3,000
Hostel Room rent Including Electricity, IT, Water Charges	15,000	15,000
Amenities	1,500	1,500
One Time Charges – 1: Security Deposit (Refundable) for Institution, Library & Mess	15,000	15,000
One Time Charges– 2: Charges for Alumni Membership & Identity Card	11,650	11,650
<b>Total Semester Fee(excluding tuition fee)</b>	<b>94,305</b>	<b>94,305</b>

Note: Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in Table-44) to all semester students including existing students from the date of its notification.

### Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## Admission Guidelines — Executive MBA Programme

<b>Programme Name</b>	: Executive MBA
<b>Duration</b>	: 2 Years (Online with one week compulsory campus Immersion)
<b>Total Seats</b>	: 30

### Eligibility — Qualification & Experience

- Candidates must have pursued at least a three-year Bachelor's Degree in any discipline with a minimum of 50% marks
- For SC/ST/PH category students, the minimum qualifying degree marks are relaxed from 50% to 45%
- Minimum three years of managerial/entrepreneurial/professional experience in private or public organisations after graduation
- Candidates must produce a "No Objection Certificate" from their present employer while applying for Executive MBA program.

### Selection Criteria

Shortlisting is based on a valid CAT/MAT/ CMAT/ GMAT score or the NIFTEM K Internal test score. The cut-off for the test score would be declared as per the recommendation of the shortlisting cum selection committee.

The final merit list will be prepared based on personal interview, academic qualifications and relevant work experience. Candidate scoring less than 50% marks will not be selected even if they have qualified the entrance test mentioned under the admission process. The marks for the respective components are as under:

**Table-45**

S.No	Component	Marks	Explanatory Remarks
1	Valid CAT/MAT/CMAT/GMAT Score / NIFTEM-K Entrance Test	30	—
2	Class X Marks	10	50-60%: 5 marks   >60%: 10 marks
3	Class XII Marks	10	50-60%: 5 marks   >60%: 10 marks
4	Graduation Marks	10	50-60%: 5 marks   >60%: 10 marks
5	Work Experience	10	3-5 years: 5 marks   >5 years: 10 marks
6	Personal Interview	30	Conducted individually for all candidates
	<b>Total</b>	<b>100</b>	

### Seat Matrix — E-MBA

GEN	OBC-NCL	SC	ST	EWS	Total
12	8	5	2	3	<b>30</b>

Note: Any seats remaining vacant in the EMBA Programme after exhausting all the counselling rounds may be reallocated to the MBA Programme as per the reservation policy.

#### Note:

- In case, if an applicant mentions grade points, the applicant must furnish the equivalent percentage formula and a copy of the duly signed official document indicating the conversion formula as given by the respective university/institute/board should be attached.

- All claims of qualification, experience, reservation, grade conversion, etc., have to be justified with appropriate supporting documents.
- NIFTEM-K entrance test and interview will be conducted in hybrid mode.
- Reservations/Relaxations are provided to the candidates as per the rules of Government of India/NIFTEM-Kundli, as amended from time to time.
- Candidates shall be required to submit a “No Objection Certificate” for pursuing the Executive MBA at NIFTEM-K from his/her employer.
- The candidates shall be required to produce their original certificates and mark sheets at the time of the admission.
- End term examination will be conducted in offline mode at the campus and candidates are required to be physically present for it.
- Candidates also will have to be physically present during the orientation program after the admission process is over.

## Tentative Timeline — EMBA Admissions

**Table-46**

S.No	Activity/Particulars	Dates
1	Application Portal Open/Live Date	29 April 2026
2	Last Date for Submission of Application Forms Online	01 June 2026
3	List of Eligible Candidates for Test/GD-PI	04 June 2026
4	NIFTEM Entrance Test (Non-CAT/MAT/CMAT) /GMAT	09 July 2026
5	Interview for CAT/MAT/CMAT/GMAT Candidates	09 July 2026
6	Interview for Non-CAT/MAT/CMAT/GMAT Candidates	09 July 2026
7	Result Declaration of Selected Candidates	10 July 2026

## Fee Structure — EMBA (First Semester)

**Table-47**

Particulars	General/OBC- NCL/EWS	SC / ST / PwD
Tuition Fee	99,275	--
Other Academic/Non-Academic Expenses	48,600	48,600
<b>Total 1st Semester Fee* (Rs.)</b>	<b>1,47,875</b>	<b>48,600</b>

Note: (i) Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in **Table-47**) to all semester students including existing students from the date of its notification.

(ii) End-term examination will be conducted in offline mode at the NIFTEM-K campus.

### IMPORTANT INSTRUCTIONS

- Candidates need to check the NIFTEM-K website for all notifications, including admission lists, cut-offs, merit lists, waiting lists, etc.
- Communication with the candidate will be done through the candidate's registered email-id only. NIFTEM-K does not take any responsibility for the candidate's email address being wrong or non-functional.
- Accommodation for EMBA students during their physical attendance or otherwise may be provided, subject to availability, on a payment basis as applicable

## Admission Guidelines — Ph.D. Programme

NIFTEM-K offers admission to the Ph.D. programme for candidates inclined toward research and technological innovations under the following departments:

- Department of Food Business Management and Entrepreneurship Development (FBM&ED)
- Department of Food Engineering (FE)
- Department of Food Science and Technology (FST)
- Department of Interdisciplinary Sciences (IDS)
- Department of Postharvest Technology Bioprocessing and Environmental Sciences (PHTB&ES)

### Modes of Admission and Fellowships

**Table-48**

S.No	Mode	Fellowship
1	Ph.D. (Regular)	NIFTEM-K will provide monthly fellowship comparable to DST, ICAR, and similar agencies/organization
2	Ph.D. (Regular) with valid National Fellowship (UGC/CSIR/DBT/ICMR/ADF/QIP etc.)	NIFTEM-K will not provide any fellowship; candidate brings their own fellowship
3	Industry/Academia Sponsored Ph.D.	NIFTEM-K will not provide any fellowship; candidate supported by employer or self-funded. NOC from employer required.
4	Early Ph.D. (Direct from B.E./B.Tech./B.Sc./B.S. — Minimum 4-year degree)	NIFTEM-K will provide monthly fellowship comparable to DST, ICAR, and similar agencies

### Ph.D. Seat Matrix

**Table-49**

Department	UR	OBC-NCL	SC	ST	EWS	Total
Food Business Management & Entrepreneurship Development (FBM&ED)	5	8	4	2	1	20
Food Engineering (FE)	11	8	6	3	2	30
Food Science and Technology (FST)	4	4	3	2	2	15
Interdisciplinary Sciences (IDS)	8	9	4	2	1	24
Department of Postharvest Technology Bioprocessing and Environmental Sciences (PHTB&ES)	3	5	1	2	1	12
<b>TOTAL</b>						<b>101</b>

## Minimum Eligibility Criteria

**Table-50**

Mode	Qualifying Degree	UR/OBC/EWS	SC/ST/PwD	Other Qualifications
Ph.D.(Regular)	M.Tech./M.E./M.Sc./MS/MBA/ Master Degree/PGDBM/PGDM	CGPA 6.5 or 60%	CGPA 6.0 or 55%	Essential Academic Qualifications
Ph.D. (Regular) with valid National Fellowship	M.Tech./M.E./M.Sc./MS/MBA/ Master Degree/PGDBM/PGDM	CGPA 6.5 or 60%	CGPA 6.0 or 55%	Essential Academic Qualifications And Valid JRF: GATE UGC/CSIR/DBT/ICMR/AD F/QIP
Industry/Academia Sponsored Ph.D.	M.Tech./M.E./M.Sc./MS/MBA/ Master Degree/PGDBM/PGDM	CGPA 6.5 or 60%	CGPA 6.0 or 55%	Essential Academic Qualifications And NOC from employer; min. 3 years work experience&
Early Ph.D.	B.E./B.Tech./B.Sc./B.S. (Min. 4- year degree)	CGPA 7.5 or 75%	CGPA 7.0 or 70%	Essential Academic Qualifications And Must have qualified at least one national level entrance test (GATE/UGC/CSIR-NET etc.) and should appear for RET-2 and RET-3 (Interview) as the case may be.

## Essential Academic Qualifications & Department Wise Research Areas

**Table-51**

Department	Areas of Research	Essential Academic Qualifications
Food Business Management & Entrepreneurship Development (FBM&ED)	<ul style="list-style-type: none"> <li>Food and Agribusiness Management</li> <li>Business Strategies</li> <li>Operations and Decision Sciences</li> <li>Finance, Accounting, and Economics</li> <li>Marketing and Organization Behaviour</li> </ul>	Two-year MBA/ M.Com./ M.A./ M.Tech (Plant Operations/ Industrial Engineering) or its equivalent from a recognized university or institute or CA/CS/ICWA
Food Engineering (FE)	<ul style="list-style-type: none"> <li>Sustainable food processing technologies</li> <li>Drying and dehydration Technologies</li> <li>3D Food Printing</li> <li>Extraction technologies</li> <li>Fermentation technology</li> <li>Equipment design and development,</li> <li>Process simulation modeling and optimization,</li> <li>Application of IOT,AI in Food Processing</li> <li>Advance packaging technologies</li> <li>Renewable energy utilization</li> <li>Electronic Sensors &amp; Smart Food Quality Monitoring</li> </ul>	M.E./ M.Tech/ B.E or B.Tech in Food Technology and Management/ Food Process Engineering and Management/ Food Technology/ Food Process Engineering/ Food Engineering / Dairy Engineering/ Dairy Technology/ Agriculture and Food Engineering /Agriculture Engineering/ Mechanical Engineering/ Automation & Robotics Engineering/ Chemical Engineering/ Electrical Engineering/ Electronics engineering/ Biochemical Engineering/ Food and Bio Process Engineering/ Dairy and Food Engineering/ Post Harvest Process and Food Engineering

	<ul style="list-style-type: none"> <li>Machine Vision &amp; Imaging Systems</li> </ul>	<p>and Management/Farm machinery and Power Engineering Or M.Sc. in Food Science and Technology with 4-years B.E or B.Tech or B. Sc (Engg) at UG level in the relevant Engineering disciplines as mentioned above. Beside this, candidates must have a valid GATE score or UGC-JRF/NET/CSIR-JRF fellowship/awards.</p>
Food Science and Technology (FST)	<ul style="list-style-type: none"> <li>Novel Food Processing Technologies</li> <li>Drying and Dehydration Technologies</li> <li>Sustainable Food Processing Technologies</li> <li>Food Process/ Product Optimization</li> <li>New Food Product Development</li> <li>Nutraceuticals and Functional Foods</li> <li>Nutrition and Fortification including Public Health Nutrition</li> <li>Alternate Proteins including Plant Protein and Cell Cultured Meat</li> <li>Speciality foods</li> <li>Immuno Nutrition</li> <li>Prebiotics, Probiotics &amp; Symbiotics</li> <li>Fermentation technologies</li> <li>Computational modelling for foodproduct design/ safety and quality applications</li> <li>Advanced quantification methods in food sciences</li> </ul>	<p>M.E./M.Tech/ B.E or B.Tech. in Food Science/ Food Technology and Management/ Food Safety and Quality Management/ Food Supply Chain Management/ Food Technology/ Food Process Engineering / Food Process Engineering and Management/ Food Engineering/ Dairy Engineering/ Dairy Technology/ Agriculture Process Engineering/ Agriculture &amp; Food Engineering/ Food Biotech/ Food and Fermentation/ Food and Bioprocess Engineering/ Process and Food Engineering/ Nanoscience and Technology/ Biochemical Engineering from a recognized university /institute.</p> <p>OR</p> <p>M.Sc./Master's degree/ or B.Sc./B.S. (Minimum four years degree) in Food Technology/ Food Science and Technology/ Nutritional Biochemistry/ Food Science and Nutrition/ Clinical Nutrition/ Community Sciences and Dietetics/ Toxicology/ Vet. Pharmacology &amp; Toxicology/ Nanotechnology/ Nanoscience and Technology/ Meat Science/ Meat Technology/ Animal Product Technology/ Livestock Product Technology are eligible for admission. Candidates may be required to go to deficiency courses as per requirement.</p>
Interdisciplinary Sciences (IDS)	<ul style="list-style-type: none"> <li>Food Microbiology and Biotechnology</li> <li>Food Contaminants and Adulteration</li> <li>Biochemical Engineering, Enzyme Engineering and Technology</li> <li>Food Safety, Toxicity and Bioavailability</li> <li>Mathematical and Statistical Modelling in Testing of Foods and Food Systems</li> <li>Nanoscience and Nanotechnology including Nanomaterial</li> <li>Prebiotics, Probiotics &amp; Symbiotics</li> <li>Fermentation Technologies</li> <li>Artificial Intelligence, IoT, Machine Learning, Big Data Analysis and Block</li> </ul>	<p>M. E/ M. Tech. / B.E or B.Tech in Computer Science/ Information Technology/ Food Science/ Food Technology and Management/ Food Technology/ Dairy and Food Technology/ Process Engineering and Management/ Food Biotechnology/ Food Safety and Quality Management/ Food Supply Chain Management or equivalent from a recognized University / Institute.</p> <p>OR</p> <p>Master's degree/ B.Sc./B.S. (Minimum four years degree) in Food Science and</p>

	<ul style="list-style-type: none"> <li>Chain in Food Safety and Quality</li> <li>Computational Modelling for Food Product Design/ Safety and Quality Applications</li> <li>Advanced Quantification Methods in Food Sciences</li> </ul>	Technology/ Biochemistry/ Microbiology/ Chemistry/ Biotechnology/Food Biotechnology/ Food and nutrition/ Computer Science/ Information Technology/ Life Science/ Agriculture Science/ Environmental Science/ Mathematics/ Statistics/ Operational Research/ Physics/ Materials Science/ Nanoscience and Technology or equivalent from a recognized Institute/ University
Postharvest Technology Bioprocessing and Environmental Sciences (PHTB&ES)	<ul style="list-style-type: none"> <li>Post-harvest Management of Fruits and Vegetables</li> <li>Post-harvest Engineering, including Design and Development of machinery</li> <li>Environmental Sustainability</li> <li>Supply Chain Management of Agri-Horti Produce</li> <li>Biomass Valorisation and Bioremediation</li> <li>Biopolymers and Sustainable Food Packaging</li> <li>Fermentation Technologies</li> </ul>	M.E./ M.Tech/ B.E./B.Tech in Food Science/ Food Technology/ Food Technology and Management/ Food Safety and Quality Management/ Food Process Engineering and Management/ Food Supply Chain Management/ Biotechnology/ Biochemical Engineering/ Nanotechnology/ Post Harvest Technology/ Food Engineering/ Process and Food Engineering/ Environmental Engineering/ Environmental Management and allied disciplines  OR  M.Sc./ B.Sc./B.S. (Minimum four years degree) in Food Science and Technology/ Food and Nutrition/ Biochemistry/ Microbiology/ Biotechnology/ Life Sciences/ Agriculture Science/ Horticulture/ Postharvest Management/ Postharvest Technology/ Cold Chain Management/ Environmental Sciences and allied areas from a recognized Institute/University

- Applicants are advised to review the research areas and eligibility criteria and submit separate applications for each department.

## Mode of Selection (RET-2026)

NIFTEM-K Research Entrance Test (RET) will be conducted in 3 stages:

**Table-52**

RET Stage	Description	RET- Qualifying Marks	RET Exemption remarks
<b>Stage 1: General Aptitude Test</b>	Multiple-choice questions   60 minutes   No negative marking   Qualifying stage only	40% (35% for SC/ST/OBC/EWS/PwD)	<ul style="list-style-type: none"> <li>Candidates with valid fellowship (JRF) and Industry/Academia sponsored candidates are exempted from RET Stage 1 &amp; 2 and required to appear only In RET Stage 3.</li> <li>UGC-NET/CSIR-NET/ICAR-NET/ICAR-SRF (without fellowship)candidates are exempted from Stage 1 but must appear for Stage 2&amp;</li> </ul>
<b>Stage 2: Department-Level Screening</b>	Written exam   60 minutes   No negative marking  Objective questions, abstract writing, case studies   Department-specific	60% UR; 55% SC/ST/OBC/EWS/PwD	
<b>Stage 3: Interview</b>	Candidates present their research areas/interests before the interview panel	A minimum of <b>50% marks in the final scorecard</b> is required for Ph.D. admission.	

		Selection shall be <b>merit-based</b> , subject to <b>availability of seats</b> .	Stage 3. <ul style="list-style-type: none"> <li>All other candidates are required to appear in all three stages of the RET.</li> </ul>
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### RET-2026 test details and eligibility criteria conducted by NIFTEM-K:

- Research Entrance Tests (RET) test will be conducted in 3 stages details of which are given below.
- **RET Stage 1 General Aptitude Test:** The test will consist of multiple-choice questions. The test is for 60 minutes. Each question will carry one mark. There will be no negative marking. It is only a **qualifying stage**. Candidates who obtain/secure 40 % or above marks in RET Stage-1 will be eligible to appear in Stage-2 [A relaxation of 5% of marks shall be allowed for the candidates belonging to SC/ST/OBC (Non-Creamy layers)/ EWS/ PwD category].
- **RET-Stage2- Department level screening:**The candidates will have to appear for a written exam as per entrance paper choice given in application. The test is for 60 minutes. This Stage-2 Question papers will consist of objective questions, abstract writing, case studies, etc. Candidates who obtain 60% marks (UR category) and 55% marks (SC/ST/OBC (Non-Creamy layers)/EWS/PwD category) in RET-2 will only qualify for interview (RET- Stage 3).
- **RET- Stage 3- Interview:** After qualifying the written exam, the candidates will have to appear for an interview and required to present their research areas/interests before the interview panel. Candidates who secure less than 50% marks as per the enclosed score card will be considered NOT FOUND SUITABLE (NFS).
- The candidate must provide the paper choice for RET-2026, Stage-2 written exam for the specified department to which he/she has applied. Please refer to RET-2026 syllabus provided in the admission portal for department wise paper choice.
- In case, if the candidate is interested to take admission in more than one department, he/she has to pay the requisite application fees as well as appear and qualify the RET-2026 Stage 2 and 3 of the respective department.
- RET-2026 for all three stages will only be conducted at the NIFTEM Campus, Kundli, District-Sonapat. There is no other centre within or outside the country. The candidates must visit the website regularly for further details.
- DST INSPIRE fellows need to appear for all three stages of RET.

### Selection Process

- The applicant has to provide the department admission preference during the submission of the online application carefully.
- Departmental preferences will be upgraded automatically as per the merit and availability of seats during counselling.
- Candidates must clear RET Stage-1 to qualify for Stage-2 and Stage-3. Further, the candidates who have cleared the Stage-2 with the desired cut-off will be eligible to appear in Stage-3.
- Separate department-wise merit lists will be prepared after RET Stage-2.
- The distribution of marks for academic performance, publication, experience, research proposal and interview is attached in score card Annexure- IV.
- Separate department-wise final merit lists will be prepared based on the Annexure- IV scorecard.
- Candidates should produce documentary evidence for valid external fellowship-JRF(UGC/CSIR/DBT/ICMR/ADF/QIP, etc.) Certificate in the eligible subject(s). All the selected applicants are required to give an undertaking at the time of enrolment to a Ph.D. Program that he/she will join the institute along with the Fellowship, failing which his/her admission will be

cancelled by the Institute.

- Industry/Academia sponsored candidates are not eligible to apply under Early Ph.D. program.

## OTHER INSTRUCTIONS

- The number of seats may be increased or decreased based on the recommendations of the Research Committee of the respective department. The Institute reserves the right to fill or cancel the notified seats at any stage during the admission process.
- **Information Regarding Result Awaited Cases:** Candidates who have appeared in the qualifying examination are also eligible to apply for provisional admission to the respective programmes. Such candidates must submit a course completion certificate issued by the Head of the Institution/Department or the Dean. For merit evaluation during the seat allotment, the percentage of marks/academic grade will be calculated based on the marks obtained up to the last available semester. Failure to submit the required documents within the stipulated time prescribed by the Admission Cell, NIFTEM-K shall result in automatic cancellation of the provisional admission. The admission fee refund policy will be applicable as per the details given in the document.
- A candidate belonging to a reserved category who qualified for the UGC-JRF/NET or Joint CSIR-UGC JRF/NET can be considered against an unreserved (General/Open) category seat if their score is greater than or equal to the cut-off score of the unreserved category for that examination.
- It is mandatory for all the Academia/Industry sponsored students to attend on campus one week orientation program, final end-term theory and practical exams. In addition, such students will have to be physically present for practical classes which will be conducted in physical mode only in consultation with concern teachers. It is advisable that Academia/Industry sponsored candidates complete the first semester of the degree programme physically.
- The institute reserves the right not to fill up the vacant seats for the Ph.D. program if suitable candidates are not available.
- JRF/SRF candidates already working on the externally funded projects at NIFTEM-K can be enrolled as Ph.D. students. Such candidates will get fellowship/JRF till the end of their research project. After the project is completed, such candidates will get a NIFTEM-K Ph.D. Fellowship.
- For Industry/Academia sponsored candidates, a No Objection Certificate (NOC) from the parent industry/institute is essential for pursuing a Ph.D., with the sanctioned leave to complete the coursework and practicals. In case, if the sponsoring Industry/Academia is permitting a candidate to carry out research work at NIFTEM-K, it should be clearly mentioned in the NOC (Annexure III).
- The NOC should be submitted at the time of filling the application. In case, if the NOC is not issued before the deadline for application submission, an undertaking letter duly signed by the head of the institute/Industry is to be attached in the NOC section. However, NOC is original needs to be submitted at the time of interview falling which such candidates will not be considered for admission to any Ph.D. program.
- Students currently pursuing final semester in their graduation can apply for the Early Ph.D. program using their 7<sup>th</sup> semester mark-sheet. This will be considered for calculating the final merit list.
- In case a seat is withdrawn before the closing of admissions, an admission fee refund will be made as per the NIFTEM-K policy guidelines.
- Candidates who accept admission and avail the NIFTEM-K fellowship, and subsequently withdraw from the program before completing the course, shall be required to refund the fellowship amount received up to that date, in accordance with the applicable academic guidelines.
- Applicants are advised to visit the NIFTEM-K website/admission cell for any information on the important dates regarding Admission 2026-27. Candidates are advised to regularly visit the website for admission updates.

## Tentative Timeline — Ph.D. Admissions

**Table-53**

S.No	Activity/Particulars	Tentative Dates*
1	Commencement of Online Application	29 April 2026
2	Last Date for Submission of Online Application	02 June 2026
3	Announcement of Eligible/Shortlisted Candidates for RET-2026	04 June 2026
4	RET Stage 1 (Offline mode- at NIFTEM-K campus)   9:00 AM – 10:00 AM	09 June 2026
5	Declaration of Stage 1 Result	09 June 2026
6	RET Stage 2: Department Written Exam (Offline mode)	09 June 2026
7	RET Stage 3: Interview for Ph.D. Candidates (Offline mode)	09–10 June 2026
8	Announcement of Final Merit List	11 June 2026
9	Email Intimation and Counselling for Fee Payment	12–16 June 2026
10	Physical Reporting of Selected Candidates	20 to 28 July 2026

### Department-wise written exam schedule (RET Stage 2- Tentative)

**Table-54**

Date	Time*	Department
09.06.2026	10:30AM -11:30 PM	FBM&ED
	11:30AM -12:30 PM	FST
	12:30PM - 01:30PM	IDS
	02:30PM -03:30 PM	FE
	04:00PM - 05:00 PM	PHTBES

\*The exact gate and time schedule and other guidelines will be notified in admission portal

## Fee Structure — Ph.D. (First Semester)

**Table-55**

Particulars	General/OBC- NCL/EWS	SC / ST / PwD
Tuition Fee	4,220	0
Enrolment&RegistrationCharges	5,000	5,000
LaboratoryCharges	3,500	3,500
LibraryCharges	3,000	3,000
InstitutionalDevelopmentFund	8,000	8,000
ExaminationCharges	0	0
OutreachActivities	0	0
StudentActivity Charges	300	300

MedicalCharges(IncludingMedicalInsurance)	2,000	2,000
HostelRoomRentincl.Electricity,IT,WaterCharges	12,000	12,000
Amenities	500	500
One-TimeCharge1:SecurityDeposit(Refundable)	15,000	15,000
One-TimeCharge2:AlumniMembership&IdentityCard	11,650	11,650
<b>TotalSemesterFee* (Rs.)</b>	<b>65,170</b>	<b>60,950</b>

Note: Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in [Table-55](#)) to all semester students including existing students from the date of its notification.

## Mess Fee

(i) Mess charges of ₹27,000/- (Rupees Twenty-Seven Thousand only) per semester are payable in advance at the time of joining the Hostel. Any increase in the mess fee due to inflation, a significant rise in the cost of raw materials or petroleum products, or any other exigent circumstances shall be borne by all the students including existing students.

(ii) Hostel room rent in full or part is not refundable/waived off even when the student proceeds on internship or study tour or vacations.

## FEE STRUCTURE FOR ACADEMIA/ INDUSTRY CANDIDATES:

**Table-56**

<b>Academia/Industry Sponsored Candidates Ph.D. Program Fee Structure 2026</b>		
<b>Particulars</b>	<b>(Semester-1) Industry/ Academia Sponsored Candidates opted for the Online Course Work</b>	<b>Second Semester Onwards*</b>
Tuition Fee	12,000	12,000
Enrolment & Registration Charges	5,000	5,000
Laboratory Charges	3,500	3,500
Library Charges	3,000	3,000
Institutional Development Fund	10,000	10,000
Examination Charges	0	0
Outreach Activities	0	0
Student Activity Charges	300	300
Medical Charges (Including Medical Insurance)	2,000	2,000
Amenities	500	500
One-Time Charge 1: Security Deposit (Refundable)	15,000	--
One-Time Charge 2: Alumni Membership & Identity Card	11,650	--
<b>Total Semester Fee* (Rs.)</b>	<b>62,950</b>	<b>35,800</b>

\*The above fee structure shall be applicable to all subsequent semesters during the program.

Any increase in fee after approval of the statutory bodies will have to be borne by new and existing students. Any revision shall be applicable (under any head as mentioned in [Table-56](#)) to all semester students including existing students from the date of its notification.

## Details of UG, PG and Ph.D. course structure

The course structure outlined encourages young learners to engage with the overall curriculum, including the program's progression, practical components, and emerging areas of study. It also enables students to assess how effectively the course aligns with their interests, career aspirations, and opportunities for innovation, while exploring forward-thinking dimensions within the course.

This structure may be revised or updated at any time during the course based on the recommendations of the institute's academic and administrative bodies. Students are expected to adhere to such changes with effect from the date of official notification.

### Course Structure for B.Tech (FTM)

Year	Semester	AICTE Course Type/Code	Course Code	Department	Course Title	L	T	P	Credits	Remark	
Year -1	Semester-I	CC	UGS 1101	FE	Basic Electrical Engineering	2	0	2	3		
		ESC	UGS 1102	FE	Computer Aided Drawing and Design	0	0	4	2		
		HSC	UGS 1103	FBM	Communication Skills	2	1	0	3		
		BSC	UGS 1104	IDS	Chemistry For Food Engineers	2	0	2	3		
		BSC	UGS 1105	IDS	Engineering Physics	2	0	2	3		
		NC	UGS 1106	IDS	Introduction to Bio Sciences	3	0	0	NC	Deficiency	
		NC	UGS 1107	AES	Environmental Sustainability and Food	2	0	0	NC		
		NC	UGS 1108	IDS	Elementary Mathematics	2	0	0	NC	Deficiency	
							<b>Total</b>				<b>14</b>
	Semester-II	CC	UGS 1201	FST	Principles of Food Preservations and Processing	3	0	0	3		
		BSC	UGS 1202	IDS	Mathematics-I	3	0	0	3		
		ESC	UGS 1203	FE	Engineering Workshop	0	0	4	2		
		ESC	UGS 1204	FE	Electronic Engineering	2	0	2	3		
		BSC	UGS 1205	IDS	Biochemistry	2	0	2	3		
		MC	UGS 1206	FBM	Basics of Management	3	0	0	3		
		BSC	UGS 1207	IDS	General Microbiology	2	0	2	3		
		BSC	UGS 1208	IDS	Computer Programming and IT applications	2	0	2	3		
		CC	UGS 1209	FST	Human Nutrition	2	0	2	3		
		BSC	UGS	AES	Introduction to	2	0	0	2		

			1210		Agriculture					
					<b>Total</b>				<b>28</b>	

Year	Semester	AICTE Course Type/Code	Course Code	Department	Course Title	L	T	P	Credits	Remark
Year - 2	3rd	BSC	UGS 2101	IDS	Mathematics-II	3	0	0	3	
		MC	UGS 2102	FBM	Basics of Finance and Accounting	3	0	0	3	
		CC	UGS 2103	FE	Engineering Properties of Food Materials	2	0	2	3	
		CC	UGS 2104	FE	Food Engineering-I	3	0	2	4	
		CC	UGS 2105	IDS	Food Chemistry	3	0	2	4	
		BSC	UGS 2106	IDS	Food Microbiology and Safety	2	0	2	3	
		ESC	UGS 2107	FE	Engineering Thermodynamics And Flow Systems	3	0	2	4	
		CC	UGS 2108	AES	Elementary Postharvest Management of Fresh Produce	2	0	0	2	
						<b>Total</b>				<b>26</b>
	Semester-IV	MC	UGS 2201	FBM	Food Supply Chain Management	3	0	0	3	
		MC	UGS 2202	FBM	Financial Management	3	0	0	3	
		ESC	UGS 2203	FE	Refrigeration and Freezing	2	0	2	3	
		CC	UGS 2204	FE	Food Engineering-II	3	0	2	4	
		CC	UGS 2205	FST	Fruits, Vegetables & Plantation Products Processing Technology	3	0	3	4.5	
		CC	UGS 2206	FST	Dairy Technology	3	0	3	4.5	
		CC	UGS 2207	FST	Cereals, Pulses & Oilseeds Technology	3	0	3	4.5	
		HSC	UGS 2208	AES	Introduction to Village Adoption, Rural Development	1	0	0	1	
						<b>Total</b>				<b>27.5</b>

Year	Semester	AICTE Course Type/ Code	Course Code	Department	Course Title	L	T	P	Credits	Remark	
Year - 3	Semester-V	MC	UGS 3101	FBM	Marketing Management	3	0	0	3		
		HSC	UGS 3102	FBM	Entrepreneurship Development	3	0	0	3		
		CC	UGS 3103	FE	Food Engineering-III	3	0	2	4		
		CC	UGS 3104	FST	Bakery and Confectionery Technology	2	0	3	3.5		
		CC	UGS 3105	FST	Meat, Fish and Poultry Product Technology	3	0	3	4.5		
		BSC	UGS 3106	IDS	Methods of Food Analysis	2	0	2	3		
		PSI	UGS 3107	AES	Village Adoption Program	0	0	4	2		
		PE 1	Group 1						3		
		PE 2	Group 2						3		
						<b>Total</b>				<b>29</b>	
	<b>List of PE group 1 courses-</b> Dairy Process Engineering/ Processing of Plantation Crops, Herbs and Spices/ Business Law/ Commercial Postharvest Management of Fresh Produce/ Artificial Intelligence and IoT in Food Industries										
	<b>List of PE group 2 courses-</b> Food Powder and Premixes /Dietetics /Business Environment /Extension Methodologies For Transfer of Agricultural Technology/ Technology of Fats and Oils/ Computational and Multivariate Statistical Techniques										
	Semester-VI	MC	UGS 3201	FBM	Modelling for Decision Support System	3	0	0	3		
		HSC	UGS 3202	FBM	Business Ethics	2	0	0	2		
		CC	UGS 3203	FE	Instrumentation and Process Control	2	0	0	2		
		CC	UGS 3204	FE	Packaging Technology	2	0	2	3		
		CC	UGS 3205	FST	Food Regulations & Safety Management System	3	0	0	3		
		CC	UGS 3206	FST	Food Additives, Ingredients and their Safety	3	0	0	3		
		CC	UGS 3207	IDS	Statistical Methods	2	0	2	3.5		
		HSC	UGS 3208	FBM	Intellectual Property Rights	1	0	0	1		
PE 3		Group 3						3			
PE 4		Group 4						3			
				<b>Total</b>				<b>26.5</b>			
<b>List of PE group 3 courses-</b> Food Equipment design and Process Modelling/ Flavour Technology/ Food Beverages/ Novel Postharvest Treatments and Packaging Technology of Fresh and Fresh-Cut Products/ Production and Operations Management											
<b>List of PE group 4 courses-</b> Food Rheology and Texture/ Novel Food Processing Technologies/Nutraceuticals and Functional Foods/ Managerial Economics/Dairy Microbiology/Bioprocess Engineering/Renewables and Energy Management in Food Processing Industries/ Food Plant Design and Layout											

Year	Semester	AICTE Course Type/Code	Course Code	Department	Course Title	L	T	P	Credits	Remark	
Year-4	Semester-VII	OL/OE/VL	OLE-1	MOOC	Select from below list of OL/OE/VL courses	2	0	0	2		
		OL/OE/VL	OLE-2	MOOC	Select from below list of OL/OE courses	2	0	0	2		
		PSI	UGS 4101		Professional Internship	0	0	14	7		
					<b>Total</b>				<b>11</b>		
	Semester-VIII	CC	UGS 4201	FST	New Product Development and Sensory Evaluation	3	0	0	3		
		PE 5	Group 5						3		
		PE 6	Group 6						3		
		<b>List of PE group 5 courses-</b> Agribusiness Environment & Policy/ Energy Utilization in food Industry/ Corporate Governance/ Food Nanobiotechnology									
		<b>List of PE group 6 courses-</b> Fermentation Biotechnology/Enzyme Technology in Processed Foods									
		PSI	UGP			Project	0	0	16	8	
				<b>Total</b>				<b>17</b>			

#### Semester-wise Total Credits

Semester	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>	TOTAL
Credits	14	28	26	27.5	29	26.5	11	17	<b>179*</b>

#### Course and Credit Summary Table

B.Tech (FTM) Course Curriculum										
Code	Abbrev.	Sem1	Sem2	Sem3	Sem4	Sem5	Sem6	Sem7	Sem8	Total
Core Course	CC	1	2	4	4	3	5	-	1	<b>20</b>
Engineering Specific Course	ESC	1	2	1	1	-	-	-	-	<b>5</b>
Basic Science Course	BSC	2	5	2	-	1	-	-	-	<b>10</b>
Non Credit Course	NC	3	-	-	-	-	-	-	-	<b>3</b>
Humanities and Social Science Course	HSC	1	0	-	1	1	2	-	-	<b>5</b>
Management Course	MC	-	1	1	2	1	1	-	-	<b>6</b>
Professional Electives	PE	-	-	-	-	2	2	-	2	<b>6</b>
Open Electives	OL/OE/VL	-	-	-	-	-	-	2	-	<b>2</b>
Project Specific Internship	PSI	-	-	-	-	1	-	1	1	<b>3</b>
Total Course per semester		<b>7</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>3</b>	<b>4</b>	<b>59</b>
<b>Total Credits per semester</b>		<b>14</b>	<b>28</b>	<b>26</b>	<b>27.5</b>	<b>29</b>	<b>26.5</b>	<b>11</b>	<b>17</b>	<b>179*</b>

**\*Important Note:** Minor revisions in the total credit requirements in any of the semester course work are anticipated for the B.Tech (Food Technology management) program.

## Course Structure for B.Tech (FT) + MBA

Semester	Credits	Exit Option with credits
I	14	
II	24	
III	27.5	
IV	27	
<b>CUMULATIVE CREDITS (Diploma in Food Science) Exit-1</b>		<b>92.5</b>
V	25.5	<b>52.0</b>
VI	26.5	
<b>CUMULATIVE CREDITS of B.Tech (FT)</b>		<b>144.5 + 9 = 153.5</b>
VII	30 (21+9)*	<b>*09 credits part of B.Tech (FT) in VII sem. &amp; Transition to MBA program</b>
VIII	22	
IX	22	
X	20	
<b>CUMULATIVE CREDITS (MBA Completion)</b>		<b>94 - 9 = 85</b>
<b>Total credit of integrated course</b>		<b>153.5 + 85 = 238.5</b>

### Note:

1. Elective courses in Semester V & VII will be offered as per existing B.Tech programme except management courses.
2. Student need to undergo industry internship, once after the VI semester for 03 months and once after the VIII semester for 02 months to align the programme with individual requirement B.Tech and MBA programme.
3. Only 1 exit option is provided to the student at the end of second year with award of diploma in Food Science/Technology.

### B.Tech(FT)+ MBA-Semester I (1<sup>st</sup> year)

AICTE Course Type/Code	Department	Course Code	Course Name				Credit	Contact Hours
				L	T	P		
CC	FE	UGS1101	Basic Electrical Engineering	2	0	2	3	4
ESC	FE	UGS1102	Computer Aided Drawing and Design	0	0	4	2	4
HSC	FBM	UGS1103	Communication Skills	2	1	0	3	3
BSC	IDS	UGS1104	Chemistry For Food Engineers	2	0	2	3	4
BSC	IDS	UGS1105	Engineering Physics	2	0	2	3	4

AICTE Course Type/Code	Department	Course Code	Course Name	L	T	P	Credit	Contact Hours
NC	IDS	UGS1106	Introduction to Bio Sciences	3	0	0	3 NC Deficiency	3
NC	AES	UGS1107	Environmental Sustainability and Food	2	0	0	2 NC	2
NC	IDS	UGS1108	Elementary Mathematics	2	0	0	2 NC Deficiency	2
TotalCredit							<b>14</b>	<b>24</b>

### B.Tech(FT)+ MBA -Semester II (1<sup>st</sup>year)

AICTE Course Type/Code	Deptt	Course Code	Course Name	L	T	P	Credit	Contact Hours
CC	FST	UGS1201	Principles of Food Preservations and Processing	3	0	0	3	3
ESC	FE	UGS1203	Engineering Workshop	0	0	4	2	4
ESC	FE	UGS1204	Electronic Engineering	2	0	2	3	4
BSC	IDS	UGS1205	Biochemistry	2	0	2	3	4
BSC	IDS	UGS1207	General Microbiology	2	0	2	3	4
BSC	IDS	UGS1208	Computer Programming and IT applications	2	0	2	3	4
CC	FE	UGS1209	Engineering Properties of Food Materials	2	0	2	3	4
BSC	AES	UGS2103	Introduction to Agriculture& food System	2	0	0	2	2
			Value Added Course#	2	0	0	2	2
<b>Total</b>							<b>24</b>	<b>31</b>

### B.Tech(FT)+ MBA -Semester III (2<sup>nd</sup>year)

AICTE Course Type/Code	Department	Course Code	Course Name	L	T	P	Credit	Contact Hours
CC	FE	UGS2103	Engineering Properties of Food Materials	2	0	2	3	4
CC	FE	UGS2104	Food Engineering-I	3	0	2	4	5
CC	IDS	UGS2105	Food Chemistry	3	0	2	4	5
BSC	IDS	UGS2106	Food Microbiology and Safety	2	0	2	3	4
ESC	FE	UGS2107	Engineering Thermodynamics And Flow Systems	3	0	2	4	5
CC	FST	UGS2207	Cereals, Pulses & Oilseeds Technology	3	0	3	4.5	6
	FBM	UGS2208	Basics of Management	3	0	0	3	3
			Industry Exposure Visit	0	0	4	2	4
<b>Total</b>							<b>27.5</b>	<b>35</b>

### B.Tech(FT)+ MBA -Semester IV (2<sup>nd</sup>year)

AICTE Course Type/Code	Department	CourseCode	CourseName	L	T	P	Credit	Contact Hours
CC	FST	UGS3104	Bakeryand Confectionery Technology	2	0	3	3.5	5
ESC	FE	UGS2203	Refrigerationand Freezing	2	0	2	3	4
CC	FE	UGS2204	FoodEngineering-II	3	0	2	4	5
CC	AES	UGS2108	ElementaryPostharvest Management of Fresh Produce	2	0	0	2	2
CC	FST	UGS2206	Dairy Technology	3	0	3	4.5	6
CC	UGS3206	FST	FoodAdditives, Ingredientsandtheir Safety	3	0	0	3	3
HSC	UGS2208	AES	IntroductiontoVillage Adoption,Rural Development	1	0	0	1	1
			MOOC 1	3	0	0	3	3
			Elective1	3	0	0	3	3
			Total				27	32

### B.Tech(FT)+ MBA-Semester V (3<sup>rd</sup>year)

AICTE CourseType/Code	Department	Course Code	CourseName	L	T	P	Credit	Contact Hours
HSC	FBM	UGS3103	EntrepreneurshipDevelopment	3	0	0	3	3
CC	FE	UGS3104	FoodEngineering3	0	0	4	4	4
MC	FST	UGS3105	Meat,FishandPoultry ProductTechnology	3	0	3	4.5	6
CC	IDS	UGS3106	StatisticalMethods	2	0	2	3	4
CC	FST	UGS3107	Foodadditives&ingredients	3	0	0	3	3
BSC	AES	UGS3108	VillageAdoptionProgram	0	0	4	2	4
PSI			Electives2	3	0	0	3	3
PE1			Elective 3				3	3
PE2							25.5	30

### B.Tech(FT)+ MBA-Semester VI(3<sup>rd</sup>year)

AICTE Course Type/Code	Deptt.	Course Code	CourseName	L	T	P	Credit	Contact Hours
HSC	FBM		IntellectualPropertyRights	1	0	0	1	1
HSC	FBM		Business Ethics	2	0	0	2	2
CC	FE		InstrumentationandProcess Control	2	0	0	2	2
CC	FE		PackagingTechnology	2	0	2	3	4
CC	FST		FoodRegulations&Safety ManagementSystem	3	0	0	3	3
CC	IDS		MethodsofFoodAnalysis	2	0	3	3.5	5
CC	FST		NewProductDevelopment	3	0	0	3	3
PE4			ElectiveIV				3	3
PE5			ElectiveV				3	3
OL/OE/VL			MOOC 2				3	3
							26.5	29.5

## Summer Internship -1 (3 months)

### Semester 1 of MBA- (4<sup>th</sup> year of B.Tech (FT) + MBA)

AICTE Course Type/Code	Department	CourseCode	CourseName	L	T	P	Credit	Contact Hours
CC	FBM		ManagementProcessand OrganizationalBehaviour	3	0	0	3	3
CC	FBM		QuantitativeTechniquesfor Management	3	0	0	3	3
CC	FBM		ManagerialEconomics	3	0	0	3	3
CC	FBM		AccountingforManagers	3	0	0	3	3
CC	FBM		BusinessResearchMethods	3	0	0	3	3
CC	FBM		Business Communication	2	0	2	3	4
CC	FBM		Food&Agribusiness Environment&Policy	3	0	0	3	3
CC	FBM		MinorResearchproject*	0	0	8	4	
CC	FBM		Summer Internship-1(Presentation&VivaVoce)*	0	0	10	5	
CC	FBM		TotalCredit				30	

**\*These components pertain to B.Tech degree requirement, Summer internship-1 duration 03 months**

### Semester 2 of MBA- (4<sup>th</sup> year of B.Tech (FT) + MBA)

AICTE Course Type/Code	Department	CourseCode	CourseName	L	T	P	Credit	Contact Hours
CC			Financial Management	3	0	0	3	3
CC			Marketing Management	3	0	0	3	3
CC			Human Resource Management	3	0	0	3	3
CC			Operations Management	3	0	0	3	3
CC			International Business Management	3	0	0	3	3
CC			Operation Research	2	0	0	2	2
CC			Business Analytics	3	0	0	3	3
CC			Business Environment	2	0	0	2	2
	FBM	Core	Scientific and Technical Writing	1	0	0	1	1(Non-Credit)
			TotalCredit				22	

### Semester 3 of MBA- (5<sup>th</sup> year of B.Tech (FT) + MBA)

AICTE Course Type/Code	Department	CourseCode	CourseName	L	T	P	Credit	Contact Hours
TBC**	FBM	MBA531	Innovation and Entrepreneurship	3	0	0	3	3
TBC**	FBM	MBA532	Strategic Management	3	0	0	3	3
OL/OE/VL	FBM	MBA533	MooC Courses	2	0	0	2	2
PSI	FBM	MBA534	Summer Internship, Project, Presentation & viva voce#	0	0	4	2	
TBC**	FBM		Elective1	3	0	0	3	3
TBC**	FBM		Elective2	3	0	0	3	3
TBC**	FBM		Elective3	3	0	0	3	3

TBC**	FBM		Elective4	3	0	0	3	3
<b>TBC**</b>	<b>FBM</b>		<b>TotalCredit</b>				<b>22</b>	
#SummerInternship(2months) **Tobeupdated(CC/MC)								

### Semester 4 of MBA- (5th year of B.Tech (FT) + MBA)

AICTE Course Type/Code	Department	CourseCode	CourseName	L	T	P	Credit	Contact Hours
TBC**	FBM	MBA541	Corporate Governance and Business Ethics	2	0	0	2	2
TBC**	FBM		Elective5	3	0	0	3	3
TBC**	FBM		Elective6	3	0	0	3	3
TBC**	FBM		Elective7	3	0	0	3	3
TBC**	FBM		Elective8	3	0	0	3	3
TBC**	FBM		Elective9	3	0	0	3	3
TBC**	FBM		Elective10	3	0	0	3	3
<b>TBC**</b>	<b>FBM</b>		<b>TotalCredit</b>				<b>20</b>	<b>20</b>
<b>** To beupdated ( CC/MC)</b>								

### Elective Subject for 3rd & 4th Semester of MBA- (5th year of B.Tech (FT) + MBA) Food & Agri-Business Management (Compulsory)

AICTE Course Type/Code	Deptt.	CourseCode	CourseName	L	T	P	Credit	Contact Hours
	FBM	FABM PE1	Food Supply Chain Management	3	0	0	3	3
		FABM PE2	Managing Cooperatives and Farmer Producer Organizations	3	0	0	3	3
		FABM PE3	Management of Agricultural Input Marketing	3	0	0	3	3
		FABM PE4	Agri-Food Climate and Global Food Security	3	0	0	3	3
		FABMPE5	Innovation and Technology in Agri-Food Sector	3	0	0	3	3
		FABM PE6	Agri-Food Export Management & International Trade	3	0	0	3	3
		FABMPE7	Digital Marketing for Agri-Food Products	3	0	0	3	3
		FABM PE8	Rural Marketing	3	0	0	3	3
		FABM PE9	Agribusiness Finance	3	0	0	3	3
		FABMPE10	Agricultural Commodity Markets and Price Analysis	3	0	0	3	3
<b>Food&amp;Agri-BusinessManagement(Compulsory)</b>								
		MKTPE1	Sales Management	3	0	0	3	3
		MKTPE2	Digital Marketing	3	0	0	3	3
		MKTPE3	Advertising Management	3	0	0	3	3
		MKTPE4	Brand Management	3	0	0	3	3
		MKTPE5	Retailing Management	3	0	0	3	3
		MKTPE6	Integrated Marketing Communication	3	0	0	3	3
		MKTPE7	Marketing Channel	3	0	0	3	3
		MKTPE8	Services Marketing	3	0	0	3	3
		MKTPE9	Consumer behaviour	3	0	0	3	3
		MKTPE10	Product & Innovation Management	3	0	0	3	3

**\*Important Note:**Minor revisions in the total credit requirements in any of the semester course work are anticipated for the B.Tech (Food Technology)+ MBA programme.

## Course Structure for BBA (Honours)

Semester	Course Title	Credit	Course Type	Exit Option
I	Principles of Management	3	Core Business	Exit 1 (After Year 2): DBA (Diploma in Data & Business Analytics)
	Business Communication	3	Skill	
	Business Economics (Micro)	3	Core Business	
	Business Mathematics & Basic Statistics	4	Quant	
	Introduction to Information Systems & Excel	3	Skill/Lab	
	Organisational Behaviour	3	Core Business	
	Introduction to Food Industry & Value Chains	3	Core Food	
<b>Total Credits (Sem I)</b>		<b>22</b>		
II	Business Statistics	3	Quant	
	Marketing Principles	3	Core Business	
	Programming for Analytics: Python	4	Core Business	
	Database Management Systems & SQL	3	Skill/Lab	
	Financial & Cost Accounting	3	Core Business	
	Human Psychology	2	Liberal	
	Food Science Basics for Managers	2	Core Food	
<b>Total Credits (Sem II)</b>		<b>20</b>		
III	Operations & Supply Chain Management	3	Core Business	
	Data Ethics & Privacy	3	Core Business	
	Financial Management Fundamentals	3	Core Business	
	Applied Regression & Predictive Modelling	4	Specialization	
	Business Intelligence Tools	4	Skill/Lab	
	Business Law & Governance	3	Core Business	
	Foreign Language (MOOC)	2	Co-Curricular	
<b>Total Credits (Sem III)</b>		<b>22</b>		
IV	Time Series & Forecasting	4	Specialization	
	Machine Learning for Business	4	Specialization/Lab	
	Food Supply Chain & Cold Chain Management	4	Core Food	
	Business Research Methods	4	Core Business	
	Generative AI	3	Specialisation	
	Food Product Development & Innovation	3	Core Food	
<b>Total Credits (Sem IV)</b>		<b>22</b>		
<b>CUMULATIVE CREDITS (DBA Exit)</b>		<b>86</b>		

### Semester V to VIII - (Year III and IV)

**Objective:** Complete the BBA, after three years focusing on domain-specific analytics and strategy and obtain a BBA honours after four years with internship, term project and specialised courses.

Semester	Course Title	Credit	Course Type	Exit Option
V	Marketing Intelligence & Customer Analytics	4	Specialization	Exit 2 (After Year 3): BBA (Data & Business Analytics)
	Financial Analytics & Risk Modelling	4	Specialization	
	Big Data Concepts & Cloud Fundamentals	3	Specialization	
	Food Retail & E-Commerce Management	3	Core Food	
	Web & Social Media Analytics	3	Lab	
	Open Elective - MOOC	3	Open	
<b>Total Credits (Sem V)</b>		<b>20</b>		
VI	Food Quality Standards & Regulation	3	Core Food	
	Agri Food Business Management	3	Core Business	
	Entrepreneurship in Food Processing	3	Core Business	
	Business Strategy & Analytics Integration	4	Core Strategy	
	Data Governance, Privacy & Responsible AI	4	Specialization	

	Placement Readiness & Certification Workshop	3	Skill	
<b>Total Credits (Sem VI)</b>		<b>20</b>		
<b>CUMULATIVE CREDITS (BBA Exit)</b>		<b>126</b>		
<b>Semester</b>	<b>Course Title</b>	<b>Credit</b>	<b>Course Type</b>	
<b>VII</b>	INDUSTRY INTERNSHIP	8	Specialization	
	Advance Machine Learning for Business	4	Specialization	
	Open Elective	3	Elective	
<b>Total Credits (Sem VII)</b>		<b>15</b>		
<b>VIII</b>	Human Resource Management	3	Core Business	
	Sustainable Food Systems	3	Specialisation	
	Food Industry Strategy & Competitiveness	4	Specialization	
	Agri Food Trade & International Marketing	3	Core Business	
	Research Project / Dissertation	8		
<b>Total Credits (Sem VIII)</b>		<b>21</b>		
<b>CUMULATIVE CREDITS (BBA Honours- Data &amp; Business Analytics)</b>		<b>162</b>		

## M. Tech. Course Structure (Food Process Engineering and Management)

SEMESTER-I						
Course Type	Course Code		L	T	P	Total Credits
CC	FE511	Engineering Properties of Food and Biomaterials	2	0	0	2
CC	FE512	Advances in Food Engineering I	3	0	0	3
CC	FE513	Process Instrumentation and Control	2	0	2	3
CC	FE514	Food Engineering Lab –I	0	0	2	1
CC	FE515	Food Engineering Lab - II	0	0	2	1
DSE/GE	FE518	Advanced Food Packaging	3	0	0	3
GE		One elective course from other dept. to be selected by students	3	0	0	3
AECC	FE519	Credit Seminar	0	0	2	1
AECC	FBM 514	Statistics and Business Analytics	3	0	2	4
SEC	FBM 513	Entrepreneurship Development	2	0	0	2
CC	AES 500	Village Adoption Programme	0	0	4	2
<b>TOTAL</b>			<b>18</b>	<b>0</b>	<b>14</b>	<b>25</b>
SEMESTER-II						
Course Type	Course Code	Courses Name	L	T	P	Total Credits
CC	FE521	Advances in Food Engineering II	3	0	0	3
CC	FE522	Process Engineering of Cereals, Pulses and Oilseeds	3	0	0	3
CC	FE523	Process Equipment Design	4	0	0	4
CC	FE524	Food Engineering Lab – III	0	0	2	1
CC	FE525	Fruits and Vegetable Process Engineering	3	0	0	3
AECC	FBM 524	Food Plant Operations Management	3	0	0	3
AECC	FE529	Credit seminar	0	0	2	1
AECC	IDS 526	Research methodology	1	0	0	1
AECC	AES527	Scientific and Technical Writing	1	0	0	1
GE		Elective Course recommended by another Dept.	2	0	0	2
SEC	IDS 525	Advances in Digital Technologies in the Food Industry	2	0	2	3
<b>TOTAL</b>			<b>22</b>	<b>0</b>	<b>6</b>	<b>25</b>

SEMESTER-III						
Course Type	Course Code	Courses Name	L	T	P	Total Credits
MOOC	MOOC-1	Title to be given by the Department	2	0	0	2
AECC*	FE531/532	Industry Project/Research Project	0	0	28	14
<b>TOTAL</b>			<b>2</b>	<b>0</b>	<b>28</b>	<b>16</b>
SEMESTER-IV						
Course Type	Course Code	Courses Name	L	T	P	Total Credits
MOOC	MOOC-2	Title to be given by the Department	3	0	0	3
AECC*	FE532	Research Project	0	0	28	14
<b>TOTAL</b>			<b>5</b>	<b>0</b>	<b>28</b>	<b>17</b>
<b>Overall Credits = 83</b>						

#### ELECTIVES OFFERED BY ENGINEERING DEPARTMENT

Course Type	Course Code	Subject	L	T	P	Credit	Contact hours
DSE	FE 518	Advanced Food Packaging	3	0	0	3	3
DSE	FE 560	Food Rheology and Texture	3	0	0	3	3
DSE	FE 561	Automation and Robotics in Food Processing Industries	3	0	0	3	3
DSE	FE 562	Bioprocess Engineering	3	0	0	3	3
DSE	FE 563	Non Conventional Energy Sources	3	0	0	3	3
DSE	FE 564	Food Process Modelling& Simulation	3	0	0	3	3
DSE	FE 565	Dairy Process Engineering	3	0	0	3	3

- CC - Core Course  
DSE - Discipline specific elective  
AECC - Ability enhancement compulsory course  
SEC - Skill enhancement course

### M. Tech. Course Structure (Food Safety and Quality Management)

SEMESTER-I						
Course Type	Course Code	CourseName	L	T	P	Total Credits
CC	IDS511	Food Chemistry and Biochemistry	3	0	0	3
CC	IDS512	Basics of Food Safety	2	0	0	2
CC	IDS513	Food Microbiology	3	0	0	3
DSE	IDS514	Instrumental Methods in Food Safety and Quality	2	0	4	4
SEC	IDS515	Special Techniques in Food Biochemistry	0	0	4	2
SEC	IDS516	Advanced Techniques in Food Microbiology	0	0	4	2
AECC	IDS519	Credit Seminar	0	0	2	1
SEC	FBM513	Entrepreneurship Development	2	0	0	2
AECC	FBM514	Statistics and Business Analytics	3	0	2	4
CC	AES500	Village Adoption Program	0	0	4	2
GE		GE1(Elective Course opted from electives offered by other departments)	3	0	0	3

				TOTAL	18	0	20	28
<b>SEMESTER-II</b>								
Course Type	Course Code	CoursesName	L	T	P	Total Credits		
CC	IDS521	Food Biotechnology	3	0	0	3		
CC	IDS522	Food Safety Management Systems	3	0	0	3		
CC	IDS523	Special Techniques in Food Biotechnology	0	0	4	2		
DSE	IDS524	Biosensors Design and Applications	3	0	0	3		
AECC	IDS525	Advanced Digital Technologies in the Food Industry	2	0	2	3		
AECC	IDS526	Research Methodology	1	0	0	1		
AECC	IDS527	Scientific and Technical Writing	0	0	2	1		
AECC	IDS529	Credit Seminar	0	0	2	1		
		GE2 (Elective Course opted from electives offered by other departments)	3	0	0	3		
		GE3 (Elective Course opted from electives offered by other departments)	3	0	0	3		
				<b>TOTAL</b>	<b>18</b>	<b>0</b>	<b>10</b>	<b>23</b>
<b>SEMESTER-III</b>								
Course type	Course Code	CoursesName	L	T	P	Total Credits		
AECC	IDS 531/IDS 532	Industry Internship/Research Project	0	0	28	14		
MOOC	MOOC-1	Title to be finalized by the Dept.	2	0	0	2		
				<b>TOTAL</b>	<b>2</b>	<b>0</b>	<b>28</b>	<b>16</b>
<b>SEMESTER-IV</b>								
Course Type	Course Code	CoursesName	L	T	P	Total Credits		
CC	IDS532	Research Project	0	0	28	14		
MOOC	MOOC-2	Title to be finalized by the Dept.	3	0	0	3		
				<b>TOTAL</b>	<b>3</b>	<b>0</b>	<b>28</b>	<b>17</b>
<b>OverallCredits=84</b>								

## M. Tech. Course Structure (Food Technology and Management)

### SEMESTER-I

Type of Course	Course Code	Course Title	L	T	P	Credits
CC	FST511	Advances in Food Processing - I	4	0	0	4
CC	FST512	Transfer Processes in Food Processing	3	0	0	3
CC	FST513	Nutrition Biology and Nutraceuticals	3	0	0	3
CC	FST514	Food Technology Lab - I	0	0	4	2
DSE	FST515	Grain Storage Methods and Structures	3	0	0	3
	FST516	Flavour Technology	3	0	0	
	FST517	Oil and Fat Technology	3	0	0	
GE		ENG558 Advanced Food Packaging				3
AECC	FST519	IDS514 Advanced Instrumentation for Food Safety and Quality - I	0	0	2	1
AECC	FBM514	FBM511 Business Strategy	3	0	2	4
SEC	FBM513	AES515 Introduction to Food Quality and Management System	2	0	0	2
AECC	AES500	AES516 Fundamental of Food Waste Management and Valorisation	0	0	4	2
		<b>Total</b>				27

### SemesterII

Type of Course	Course Code	CourseTitle	L	T	P	Credits
CC	FST 521	Food Laws and Regulations	2	0	0	2
CC	FST 522	Advances in Food Processing - II	4	0	0	4
CC	FST523	Food Product Development and Sensory Evaluation	2	0	0	2
CC	FST 524	Food Technology Lab - II	0	0	4	2
CC	FST 525	Emerging Food Processing Technology	2	0	0	2
DSE	FST 526	Food, Traceability, Authenticity and Recall	3	0	0	2 or3
	FST 527	Food and Ingredients Toxicology	2	0	0	
	FST 528	Food Powder Technology	2	0	0	
	FST 5210	Food Rheology and Structure Analysis	2	0	0	
	FST 5211	Ayurveda Aahar	2	0	0	
GE		General Elective [One Elective Course (opted from elective courses offered by another department)]	3	0	0	3
AEC C	IDS 526	Research Methodology	3	0	0	3
AEC C	AES 527	Scientific and Technical Writing	1	0	0	1
AEC C	FST 529	Credit Seminar	0	0	2	1
SEC	IDS 525	Advances in Digital Technologies in the Food Industry	1	0	2	2
<b>Total</b>						24 or25

### Semester-III

Type of Course	Course Code	CourseTitle	L	T	P	Credits
AECC	FST531/ FST 532	Industry Project/ Research Project	0	0	28	14
MOOC	MOOC-1	Title to be finalized by the Dept	2	0	0	2
<b>Total</b>			2	0	36	16

### Semester-IV

Typeof Course	Course Code	CourseTitle	L	T	P	Credits
AECC	FST532	Research Project	0	0	28	14
MOOC	MOOC 2	Title to be finalized by the Dept	3	0	0	3
		<b>Total</b>	<b>3</b>	<b>0</b>	<b>28</b>	<b>17</b>

## M. Tech. Course Structure (Food Plant Operations Management)

### SEMESTER – I

Type of Course	Course Code	Course Title	L	T	P	Credits
CC	FBM 511	Business Strategy	3	0	0	3
CC	FBM 512	Food Plant Operations and Equipment	3	0	2	4
SEC	FBM 513	Entrepreneurship Development	2	0	0	2
AECC	FBM 514	Statistics and Business Analytics	3	0	2	4
CC	FBM 515	Marketing Management	3	0	0	3
CC	FBM 516	Food Supply Chain Management	3	0	0	3
DSE	FBM 517	Inventory Management	3	0	0	3
AECC	FBM 519	Credit Seminar	0	0	2	1
GE		General elective [One Elective Course (opted from elective courses offered by another department)]	3	0	0	3
Total						26

### SEMESTER - II

Type of Course	Course Code	Course Title	L	T	P	Credits
CC	FBM 521	Project Finance	3	0	0	3
CC	FBM 522	Total Quality Management	3	0	0	3
CC	FBM 523	Operation Research	3	0	0	3
DSE	FBM 524	Food Plant Operations Management	3	0	0	3
AECC	FBM 525	Communication and Negotiation Skills	2	0	0	2
AECC	FBM 526	Food Plant layout Design and management	2	0	2	3
AECC	FBM 529	Credit Seminar	0	0	2	1
GE		General elective [One Elective Course (opted from elective courses offered by another department)]	2	0	0	2
AECC	IDS 526	Research Methodology	1	0	0	1
AECC	AES 527	Scientific and Technical Writing	1	0	0	0
AECC	IDS 525	Advances in Digital Technologies in the Food Industry	2	0	2	3
Total						24

### SEMESTER – III

Type of Course	Course Code	Course Title	L	T	P	Credits
CC	FBM 500	Village Adoption Program	0	0	8	4
AECC	FBM 531/FBM532	Industry Project / Research Project	0	0	28	14
MOOC	MOOC-1	Professional Development (Tech. Writing / IPR / Ethics)	2	0	0	2
Total						20

### Semester-IV

Type of Course	Course Code	Course Title	L	T	P	Credits
AECC	FBM 532	Research Project	0	0	28	14
MOOC	MOOC-2	Title to be finalized by the Dept.	3	0	0	3
Total						17
<b>Total Credits = 87</b>						

## M. Tech. Course Structure (Food Supply Chain Management)

SEMESTER-I					
Course Type	Course Code	CourseName	L	P	Total Credits
CC	AES-511	Postharvest Management of Fruits and Vegetables	3	0	3
CC	AES-512	Food Packaging Technologies and Management	3	0	3
CC	AES-513	Food Supply Chain and Management Systems	3	0	3
CC	FBM-511	Inventory Management	3	0	3
DSE	AES-515	Introduction to Food Quality and Management Systems	3	0	3
DSE	AES-516	Fundamentals of Food Waste Management and Valorization			
GE		One Elective Course (opted from the electives offered by other department)	3	0	3
AECC	AES-519	Credit Seminar	0	2	1
AECC	FBM-514	Statistics and Business Analytics	3	2	4
SEC	FBM-513	Entrepreneurship Development	2	0	2
<b>TOTAL</b>			<b>23</b>	<b>4</b>	<b>25</b>
SEMESTER-II					
Course Type	Course Code	CoursesName	L	P	Total Credits
CC	AES-521	Food Cold Chain Management	3	0	3
CC	AES-522	Sustainable Food Systems	2	0	2
CC	AES-524	Quality Evaluation of Fresh Produce in Supply Chain	0	8	4
DSE	AES-523	Fundamentals of Food Nanobiotechnology	3	0	3
DSE	AES-524	Climate Resilient Food Supply Chain			
GE		One Elective Course (opted from elective offered by other department)	2	0	2
AECC	AES-525	Postharvest Technology and Management of Food Grains, Dairy and Meat	3	0	3
AECC	AES-526	Introduction to Human Resource Planning in Supply Chain	3	0	3
AECC	IDS-526	Research Methodology	1	0	1
AECC	AES-527	Scientific and Technical Writing	1	0	1
AECC	AES-529	Credit Seminar	0	2	1
DSE	IDS-525	Advanced Digital Technologies in the Food Industry	2	2	3
<b>TOTAL</b>			<b>20</b>	<b>12</b>	<b>26</b>
SEMESTER-III					
Course Type	Course Code	CoursesName	L	P	Total Credits
CC	AES-500	Village Adoption Program	0	8	4
AECC	AES-531	Industry Project/Research Project	0	28	14
MOOC	MOOC-1	Title to be finalized by the Dept.	2	0	2
<b>TOTAL</b>			<b>2</b>	<b>36</b>	<b>20</b>
SEMESTER-IV					
Course Type	Course Code	CoursesName	L	P	Total Credits

CC	AES-541	Research Project	0	28	14
MOOC	MOOC-2	Title to be finalized by the Dept.	3	0	3
		<b>TOTAL</b>	<b>3</b>	<b>28</b>	<b>17</b>
<b>Overall Credits = 88</b>					

## COURSE STRUCTURE FOR M.SC

### A. M.Sc. (Food Nutrition and Dietetics)

S.No	Course Title	L	T	P	Cr
<b>SEMESTER I</b>					
1.	Human Physiology and Nutrition Regulation	3	0	0	3
2.	Food Microbiology and Food Safety	2	0	2	3
3.	Food Laws and Regulation	3	0	0	3
4.	Fundamentals of Food Science and Processing	2	0	2	3
5.	Advanced Human Nutrition	2	0	2	3
6.	Therapeutic Nutrition – I	3	0	2	4
7.	Entrepreneurship Development	2	0	0	2
8.	Village Adoption Programme	0	0	4	2
<b>Semester Total Credits</b>					<b>23</b>
<b>SEMESTER II</b>					
1.	Research Methods & Design of Experiments	2	0	0	2
2.	Statistics and Computer Application	2	0	2	3
3.	Nutritional Biochemistry	2	0	2	3
4.	Nutraceuticals, Functional Foods and Food Toxicology	2	0	2	3
5.	Food Product Innovation and Sensory Lab	3	0	3	4
6.	Therapeutic Nutrition – II	3	0	2	4
7.	Public Health Nutrition	3	0	2	4
8.	Elective I — Track-Specific (A. Clinical Nutrition/ B. Public Health Nutrition) A. Institutional Food Management B. Nutrition Surveillance & Programme Planning	3	0	0	3
<b>Semester Total Credits</b>					<b>26</b>
<b>SEMESTER III</b>					
1.	Foodomics & Personalized Nutrition	3	0	0	3
2.	Advanced Analytical Techniques	2	0	2	3
3.	Synopsis	0	0	8	4
4.	Summer Internship — Clinical / Industry / Institutional / Public Health	0	0	12	6

5.	Elective II—Track-Specific (A.Clinical Nutrition/B. Public Health Nutrition) Any one through MOOC A. Clinical Trial Essentials B. Health Research Fundamentals	3	0	0	3
6.	Elective III—Track-Specific (A.Clinical/ B.Public Health) A. Sports and Performance Nutrition/ Aurveda Aahar B. Maternal & Child Public Health Nutrition	3	0	0	3
<b>SemesterTotalCredits</b>					<b>22</b>
<b>SEMESTERIV</b>					
1.	Dissertation—II (Experimental Learning & Report Writing)	0	0	28	14
2.	ElectiveIV—Track-Specific(A.Clinical/B.Public Health) Elective A. Digital Data driven Healthcare & Tele-Nutrition B. Behavior Change Communication in Public Health	3	0	0	3
<b>SemesterTotalCredits</b>					<b>17</b>
<b>TOTALPROGRAMME CREDITS</b>			<b>88</b>		

### B. M.Sc.(FoodScienceandTechnology)

S.No.	CourseTitle	L-T-P	Credits
<b>SemesterI</b>			
1	Food Chemistry	2-0-0	2
2	Cereals, Legumes and Oilseed Technology	3-0-0	3
3	Principles of Food Processing and Preservation	3-0-0	3
4	Basics of Food Engineering	2-0-0	2
5	Food Microbiology and Food Safety	2-0-0	2
6	Food Laws and Regulations	3-0-0	3
7	Livestock Product Technology	3-0-0	3
8	Human Nutrition	2-0-2	3
9	Entrepreneurship Development	2-0-0	2
10	Food Chemistry and Microbiology Lab	0-0-3	1
11	Food Science and Technology Lab	0-0-3	1
12	Village Adoption Programme	0-0-4	2
<b>Total</b>		<b>27</b>	
<b>SemesterII</b>			
13	Food Product Innovation and Sensory Evaluation	3-0-0	3
14	Spices and Plantation Products Technology	3-0-0	3
15	Baking Science & Confectionery	2-0-0	2
16	Dairy Science & Technology	2-0-0	2
17	Nutraceuticals and Functional Foods	3-0-0	3
18	Fundamentals of Food Packaging	2-0-0	2

19	Research Methodology and Design of Experiment	2-0-0	2
20	Fruits and Vegetables Technology	3-0-0	3
21	Food Toxicology and Risk Assessment	3-0-0	3
22	Bakery and Dairy Technology Lab	0-0-3	1
23	Food Product Innovation and Sensory Lab	0-0-3	1
<b>Total</b>			<b>25</b>
<b>SemesterIII</b>			
24	Food Ingredients and Additives	2-0-0	2
25	Advanced Analytical Techniques	2-0-2	3
26	Synopsis	0-0-8	4
27	Internship (minimum 45–60 days) – Summer Internship	0-0-12	6
28	Elective Course-I (Anyone)	3-0-0	3
	A. Introduction to Food Biotechnology		
	B. Introduction to Food Security and Sustainable Food Systems		
	C. Introduction to industry4.0 and Industrial Internet of Things		
29	Elective Course-II (Anyone)	2-0-0	2
	A. FermentationTechnology		
	B. Sustainable Food Systems		
	C. Advanced Digital Technologies in the Food Industry		
<b>Total</b>			<b>20</b>
<b>SemesterIV</b>			
30	Elective Course-III (Any one through MOOC)	2-0-0	2
	A. Industrial Biotechnology		
	B. Sustainability through Green Manufacturing Systems: An Applied Approach		
	C. AI driven HACCP		
31	Thesis Research	0-0-28	14
<b>Total</b>			<b>16</b>
<b>Total</b>			<b>88</b>

## COURSE STRUCTURE FOR MBA

<b>1<sup>st</sup> Semester</b>			
S.N.	COURSE	CODE	CREDITS
1	Management Process and Organizational Behaviour	MBA 511	3 0 0 = 3
2	Quantitative Techniques for Management	MBA 512	3 0 0 = 3
3	Managerial Economics	MBA 513	3 0 0 = 3
4	Accounting for Managers	MBA 514	3 0 0 = 3
5	Business Communication	MBA 515	2 0 2 = 3
6	Business Research Methods	MBA 516	3 0 0 = 3
7	Food & Agribusiness Environment & Policy	MBA 517	2 0 0 = 2
8	Community Engagement & Social Responsibility	MBA 518	0 0 4 = 2
<b>TOTAL CREDITS</b>			<b>22</b>
<b>2<sup>nd</sup> Semester</b>			
S.N.	COURSE	CODE	CREDITS
1	Marketing Management	MBA 521	3 0 0 = 3
2	Financial Management	MBA 522	3 0 0 = 3
3	Human Resource Management	MBA 523	3 0 0 = 3
4	Operations Management	MBA 524	3 0 0 = 3
5	International Business Management	MBA 525	2 0 0 = 2
6	Operation Research	MBA 526	2 0 0 = 2
7	Business Analytics	MBA 527	2 0 0 = 2
8	Business Environment	MBA 528	2 0 0 = 2
9	Scientific and Technical Writing	AES - 527	1 0 0 (Non -Credit)
<b>TOTAL CREDITS</b>			<b>20</b>
<b>3<sup>rd</sup> Semester</b>			
1	Innovation and Entrepreneurship	MBA 531	3 0 0 = 3
2	Strategic Management	MBA 532	3 0 0 = 3
3	MooC Courses	MBA 533	2 0 0 = 2
4	Summer Internship, Project, Presentative & viva voce	MBA 534	0 0 4 = 2
5	Elective 1		3 0 0 = 3
6	Elective 2		3 0 0 = 3
7	Elective 3		3 0 0 = 3
8	Elective 4		3 0 0 = 3
<b>TOTAL CREDITS</b>			<b>22</b>
<b>4<sup>th</sup> Semester</b>			
1	Corporate Governance and Business Ethics	MBA 541	2 0 0 = 2
2	Elective 5		3 0 0 = 3
3	Elective 6		3 0 0 = 3
4	Elective 7		3 0 0 = 3
5	Elective 8		3 0 0 = 3
6	Elective 9		3 0 0 = 3
7	Elective 10		3 0 0 = 3
<b>TOTAL CREDITS</b>			<b>20</b>

## COURSE STRUCTURE FOR EXECUTIVE MBA

<b>SEMESTER ONE</b>			
S.N.	COURSE	CODE	CREDITS
1	Management Process and Organisational Behaviour	EM 101	3
2	Business Research Methods	EM 102	3
3	Managerial Economics	EM 103	3
4	Quantitative Techniques for Management	EM 104	3
5	Legal Aspects of Business	EM 105	3
6	Accounting for Managers	EM 106	3
7	Business Communication	EM 107	2
8	Food & Agribusiness Environment and Policy	EM 108	2

	TOTAL CREDITS		<b>22</b>
<b>SEMESTER TWO</b>			
<b>S.N.</b>	<b>COURSE</b>	<b>CODE</b>	<b>CREDITS</b>
1	Marketing Management	EM 201	3
2	Financial Management	EM 202	3
3	Human Resource Management	EM 203	3
4	Operations Management	EM 204	3
5	International Business Management	EM 205	2
6	Business Analytics	EM 206	2
7	Operation Research	EM 207	2
8	Business Environment	EM 208	2
	TOTAL CREDITS		<b>20</b>
<b>SEMESTER THREE</b>			
<b>S.N.</b>	<b>COURSE</b>	<b>CODE</b>	
1	Strategic Management	EM 301	
2	Innovation and Entrepreneurship	EM 302	
3	Digital Transformation and IT Strategy	EM 303	
4	Term Paper	EM 304	
5	Elective 1		
6	Elective 2		
7	Elective 3		
8	Elective 4		
<b>SEMESTER FOUR</b>			
<b>S.N.</b>	<b>COURSE</b>	<b>CODE</b>	
1	Corporate Governance and Business Ethics	EMBA 401	
2	Elective course 5		
3	Elective course 6		
4	Elective course 7		
5	Elective course 8		
6	Elective course 9		
7	Elective course 10/ Capstone project		

## Course Structure for Ph.D. (Food Engineering)

<b>SEMESTER - I</b>						
Code	Course Code	Course Title	L	T	P	Credits
Major	FE 611	Food Process Modelling	3	0	0	3
	*FE612/ 613/ 614/ 615/ 616	To be offered by the Dept.	3	0	0	3
Minor		Other Department Course	3	0	0	3
Supporting Course (Compulsory Course)	IDS 6110	Research Methodology and Publication Ethics	3	0	0	3
Supporting Course (Compulsory Course )	FBM 614	Statistics and Business Analytics	2	0	2	3
Credit Seminar	FE 610	Credit Seminar	0	0	2	1
<b>Total</b>						<b>16</b>
<b>SEMESTER - II</b>						
Code	Course Code	Course Title	L	T	P	Credits
Supporting Course (Compulsory Course)	IDS 625	Advances in Digital Technologies in the Food Industry/MOOC	1	0	2	2
Supporting Course (Compulsory Course)	AES 627	Scientific and Technical Writing/MOOC	1	0	0	1
Deficiency Course		To be decided by the research guide				Non-Credit
	FE 620	Credit Seminar	0	0	2	1
	FE 628	Synopsis Seminar				Non Credit
	FE 629	Research				14
<b>Total</b>						<b>18</b>
<b>SEMESTER - III</b>						
		Comprehensive viva voce				Non credit
	FE 629	Research				18
<b>Total</b>						<b>18</b>
<b>SEMESTER IV</b>						
	FE 629	Research				<b>18</b>
<b>SEMESTER V</b>						
	FE 629	Research				<b>18</b>
<b>SEMESTER VI</b>						
	FE 629	Research				<b>18</b>
<b>TOTAL</b>						<b>106</b>

\*FE612 Innovations in Food Processing , FE 613 Food Rheology and Texture , FE 614 Process Engineering for Bio Waste Conversion, FE 615 Green Sustainable Renewable Energy Sources, FE 616 Non-Thermal Food Processing Technology

## Course Structure for Ph.D. (Food Science and Technology)

<b>SEMESTER-I</b>					
Code	CourseTitle	L	T	P	Credits
Major(Any two)	FST611 Modified Food Bio-molecules	3	0	0	3
	FST612 Advanced Food Processing Technology	3	0	0	3
	FST613 Innovation and New Product Development	3	0	0	3
	FST614 Advances in Lipid Technology	3	0	0	3
	FST615 Advances in Spices and Flavour Processing Technologies	2	0	2	3
Minor(Any one)	Other Department Course 1				3
Supporting Courses	IDS6110 Research Methodology and Publication Ethics	3	0	0	3
	FBM514 Statistics and Business Analytics	2	0	2	3
Credit Seminar	FST610 Credit Seminar	0	0	2	1
	<b>Total</b>				<b>16</b>
<b>SEMESTER-II</b>					
Code	CourseTitle	L	T	P	Credits
Supporting Course	AES 527 Scientific and Technical Writing (Industry/Academia sponsored candidates may complete similar kind of course through MOOC)	1	0	0	1
Supporting Course	IDS 525 Advances in Digital Technologies in the Food Industry (Industry/Academia sponsored candidates may complete similar kind of course through MOOC)	1	0	2	2
Deficiency Course	Synopsis Seminar				Non-Credit
	FST610 Credit Seminar				Non-Credit
	Research (Course Code 629)	0	0	2	1
	AES 527 Scientific and Technical Writing (Industry/Academia sponsored candidates may complete similar kind of course through MOOC)				14
	<b>Total</b>				<b>18</b>
<b>SEMESTER-III</b>					
	Comprehensive viva voce				Non- credit
	Research (Course code 629)				18
	<b>Total</b>				<b>18</b>
<b>SEMESTERIV</b>					
	Research (Course code 629)				18
<b>SEMESTERV</b>					
	Research (Course code 629)				18
<b>SEMESTERVI</b>					
	Research (Course code 629)				18
<b>TOTAL</b>					<b>106</b>

## Course Structure for Ph.D. (Department of Food Business Management and Entrepreneurship Development (FBM&ED))

<b>SEMESTER - I</b>					
<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
FBM 611 Major – 1	Qualitative Research in Management	3	0	0	3
FBM 612 Major - 2	Research Perspectives in food Business Systems	3	0	0	3
Minor	Other Department Course 1				3
Supporting Courses	IDS 6110 Research Methodology and Publication Ethics	3	0	0	3
	FBM 514 Statistics and Business Analytics	2	0	2	3
Credit Seminar	Credit Seminar	0	0	2	1
	<b>Total</b>				<b>16</b>
<b>SEMESTER - II</b>					
<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credits</b>
Supporting Course	AES 527 Scientific and Technical Writing (Industry/Academia sponsored candidates may complete similar kind of course through MOOC)	1	0	0	1
Supporting Course	IDS 525 Advances in Digital Technologies in the Food Industry (Industry/Academia sponsored candidates may complete similar kind of course through MOOC)	1	0	2	2
Deficiency Course	If any				Non-Credit
	Synopsis Seminar				Non-Credit
	Credit Seminar	0	0	2	1
	Research (Course code 629)				14
	<b>Total</b>				<b>18</b>
<b>SEMESTER - III</b>					
	Comprehensive viva voce				Non-credit
	Research (Course code 629)				18
	<b>Total</b>				<b>18</b>
<b>SEMESTER IV</b>					
	Research (Course code 629)				18
<b>SEMESTER V</b>					
	Research (Course code 629)				18
<b>SEMESTER VI</b>					
	Research (Course code 629)				18
<b>TOTAL</b>		<b>106</b>			

## Course Structure for Ph.D. (Department of Interdisciplinary Sciences (IDS))

SEMESTER-I						
	Code	CourseTitle	L	T	P	Credits
<b>Major 1</b>	<b>Major</b>	<b>Major-I</b>				3
	IDS611	Impact and Management of Chemical Contaminants	3	0	0	
	IDS612	Advances in Food Fermentation	2	0	2	
	IDS614	Applied Mathematics for Food Processing	3	0	0	
	IDS616	Artificial Intelligence	3	0	0	
	IDS618	Food Safety Laboratory Techniques	1	0	4	
<b>Major 2</b>	IDS613	Colloids and Polymers in Food	3	0	0	3
	IDS615	Differential Equations in Mathematical Modeling	3	0	0	
	IDS617	Data Warehouse and Data Mining	3	0	0	
	IDS619	Nanoscience and Nanotechnology in Food	3	0	0	
<b>Minor</b>		Other Department Course 1	3	0	0	3
<b>Supporting Course (Compulsory Course)</b>	IDS6110	Research Methodology and Publication Ethics	3	0	0	3
<b>Supporting Course (Compulsory Course)</b>	FBM514	Statistics and Business Analytics (offered in M.Tech)	2	0	2	3
Credit Seminar	IDS610	Credit Seminar	0	0	2	1
	<b>Deficiency</b>	(If any)				Non-Credit
		<b>Total</b>				<b>16</b>
SEMESTER-II						
<b>Supporting Course (Compulsory Course)</b>	AES 627	Scientific and Technical Writing (will be offered in M.Tech also - AES 527) (Industry sponsored candidates may complete similar kind of course through MOOC)	0	0	2	1
<b>Supporting Course (Compulsory Course)</b>	IDS 625	Advances in Digital Technologies in the Food Industry (offered in M.Tech - IDS 525) (Industry sponsored candidates may complete similar kind of course through MOOC)	1	0	2	2
	<b>Deficiency</b>	(If any)				Non-Credit
	IDS 628	Synopsis Seminar				Non-Credit
	IDS 620	<b>Credit Seminar</b>	0	0	2	1
	IDS 629	<b>Research</b>				14
						<b>18</b>
SEMESTER-III						
	IDS629	Research	0	0	36	<b>18</b>

SEMESTER-IV						
	IDS629	Research	0	0	36	18
SEMESTER-V						
	IDS629	Research	0	0	36	18
SEMESTER-VI						
	IDS629	Research	0	0	36	18
Total						106

## Course Structure for Ph.D. (Department of Postharvest Technology Bioprocessing and Environmental Sciences (PHTB&ES))

SEMESTER - I						
Code	Course Title	L	T	P	Credits	
Major <sup>1</sup>	Department Course 1				3	
	Department Course 2				3	
Minor <sup>2</sup>	Other Department Course 1				3	
Supporting Courses (Compulsory Course)	IDS 6110 Research Methodology and Publication Ethics	3	0	0	3	
Supporting Courses (Compulsory Course)	FBM 514 Statistics and Business Analytics	2	0	2	3	
Credit Seminar	Credit Seminar	0	0	2	1	
	<b>Total</b>				<b>16</b>	
SEMESTER - II						
Code	Course Title	L	T	P	Credits	
Supporting Courses (Compulsory Course)	IDS 525 Advances in Digital Technologies in the Food Industry/MOOC	1	0	2	2	
Supporting Course (Compulsory Course)	AES 527 Scientific and Technical Writing/MOOC	1	0	0	1	
Deficiency Course	If any				Non-Credit	
	Credit Seminar	0	0	2	1	
	Synopsis Seminar <sup>6</sup>				Non-Credit	
	Research (Course code 629)				14	
	<b>Total</b>				<b>18</b>	
SEMESTER - III						
	Comprehensive viva voce <sup>8</sup>				Non credit	
	Research (Course code 629)				18	
	<b>Total</b>				<b>18</b>	
SEMESTER IV						
	Research (Course code 629)				18	
SEMESTER V						
	Research (Course code 629)				18	
SEMESTER VI						
	Research (Course code 629)				18	
<b>TOTAL</b>						<b>106</b>

## ANNEXURE :

### SYLLABUS FOR NIFTEM K- **M.Sc** ENTRANCE EXAM (Part-B)

#### 1. M.Sc. Food Nutrition and Dietetics

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**1. Nutritional Biochemistry & Human Physiology:** Macronutrients and micronutrients- digestion, absorption and transport, metabolism of nutrients, toxicity, Integration of metabolism in fed vs fasting state, role of vitamins as coenzymes, blood and circulatory system, respiratory system, nervous system and endocrine glands, renal function and excretion, hormonal regulation and homeostasis.

**2. Food Science, Preservation and Technology:** Composition, structure, physical and chemical properties of food, Food spoilage and factors affecting shelf life, food processing techniques and their effects on nutrients. Functional properties of macronutrients, Food additives, adulteration and contaminants, nutraceuticals and functional foods, fortification & reformulation, microorganisms in food, factors affecting microbial growth in foods, food spoilage, foodborne diseases, microbial safety, hygiene and control measures in food processing, Principles and objectives of food preservation, methods of preservation, post-harvest losses and control, principles of food fermentation, processing of fruits, vegetables, cereals, milk and meat products, food flavour, Packaging and storage, food hygiene and sanitation, food safety standards and regulations, FSMS.

**3. Applied Human Nutrition:** Definition of food, scope and importance of food and nutrition, function of food, food groups, balanced diet, dietary guidelines, food pyramid, Recommended Dietary Allowances (RDA), methods of cooking, macronutrient, micronutrient and water- types, functions in physiological systems and deficiency and assessment. Nutrition in lifecycle (Adulthood, Pregnancy, Lactation, Adolescence, Childhood, Infancy, Geriatric Nutrition), diet planning, nutrient interactions and bioavailability, toxins in food, hormones, food fads.

**4. Clinical & Therapeutic Nutrition:** Principles of therapeutic diet planning, Enteral and parenteral nutrition, Food-drug interactions, Medical Nutrition in Diabetes mellitus (pathophysiology and diet principles), Obesity and metabolic syndrome, Cardiovascular diseases, Gastrointestinal disorders (peptic ulcer, IBD, Ulcerative Colitis), Renal disorders, Hepatic Disease

**5. Public Health & Community Nutrition:** Malnutrition macronutrient and micronutrient deficiencies, Food security and nutrition transition, Nutrition education and communication, Public Health Nutrition, Determinants of health and nutrition, National programmes, Nutrition Epidemiology, Nutrition surveillance and programme evaluation, Food Security and policy, National and International bodies for public health, nutrition and food security, nutrition education and counselling.

## SYLLABUS FOR NIFTEM K- **M.Sc** ENTRANCE EXAM (Part-B)

### 2. M. Sc. Food Science and Technology

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1. Fundamentals of Food Science & Chemistry: Basics of food science: definitions, physical and chemical properties of food and processing effects; Nutrition: Balanced diet, essential amino acids and fatty acids, PER, Water soluble and fat soluble vitamins, Role of minerals in nutrition, Antinutrients, Nutrition deficiency diseases; Food chemistry: carbohydrates, proteins, lipids, water activity, vitamins, and minerals; Millard's browning, caramelisation, and lipid oxidation.
2. Food Microbiology & Food Safety: Microorganisms (bacteria, yeast, moulds), growth factors (temperature, pH, water activity), spoilage, and common foodborne pathogens; basics of fermentation; food safety concepts: food adulteration, food hygiene, food safety, FSMS, FSSAI regulations, Codex Alimentarius, international regulations (USFDA, EU, FSANZ, etc.), WHO/FAO expert bodies, Quality certifications, quality assessment
3. Food Processing, Engineering & Packaging: Major preservation methods including pasteurisation, sterilisation, refrigeration, freezing, drying, fermentation, and chemical preservatives; Fundamental food engineering concepts: heat transfer, unit operations and equipment; and basics of packaging: materials, functions, and shelf life.
4. Processing of Food Commodities & Product Technology: Processing of major commodities: grains (milling, parboiling, bakery and extruded products, oil extraction and refining), fruits and vegetables (juice processing, jams, jellies, pickles, pectin), milk and dairy products (pasteurisation, butter, cheese, milk powder), and animal products (meat, fish, egg processing). Basic concepts of enzymes, probiotics, nutraceuticals, food additives, and product development and simple statistics (mean, median, standard deviation).

### OBCCertificateGuidelines

#### FormofDeclaration/UndertakingtobesubmittedbyOBCCandidate (In addition to the community certificate)

I, \_\_\_\_\_  
 Son/Daughter of Shri \_\_\_\_\_  
 \_\_\_\_\_ resident \_\_\_\_\_ of  
 \_\_\_\_\_ village/town/city

\_\_\_\_\_ District \_\_\_\_\_  
 \_\_\_\_\_ State  
 \_\_\_\_\_ hereby declarethatIbelongto the

\_\_\_\_\_ community which is recognizedas a backward class by the Government of India as per orders contained in the Department of Personnel & Training Office Memorandum No. 36012/22/93-Estt. (SCT) dated 08thSeptember, 1993. I also declare that I do not belong to the persons/sections (**Creamy Layer**) mentioned in Column 3 of the Schedule to the above referred Office Memorandumdated08thSeptember, 1993, which is modified vide Office Memorandum No. 36033/3/2004-Estt. (Res.)dated 09th March, 2004, O.M. No. 36033/3/2004-Estt.(Res) dated 14th October, 2008 andO.M.No.36033/1/2013-Estt.(Res.)dated27thMay, 2013. I also declare that the condition ofstatus/annual income for creamy layer of my parents/ guardian is within prescribed limit as on **financial year ending on March 31,2026**.

Signature of Candidates: \_\_\_\_\_ Full Name: \_\_\_\_\_  
 CorrespondenceAddress: \_\_\_\_\_ Place: \_\_\_\_\_  
 E-Mail: \_\_\_\_\_ MobileNo: \_\_\_\_\_ Date: \_\_\_\_\_

Declaration/Undertakingnotsignedbythecandidatewillberejected

**Performa for Other Backward Class (OBC) Certificate**

**(CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES  
Applying for Admission to Central Educational Institutions (CEIs) under the  
Government of India**

**“The Certificate must have been issued on or after 1<sup>st</sup> April, 2026”**

\_\_\_\_\_

This is to certify that Shri / Smt./Kum. \_\_\_\_\_

Son/ Daughter of Shri/ Smt. \_\_\_\_\_

\_\_\_\_\_ of Village/ Town \_\_\_\_\_

\_\_\_\_\_ District/ Division \_\_\_\_\_ in

the \_\_\_\_\_

State belongs to the \_\_\_\_\_

Community which is recognized as a backward class under:-

- (i) Resolution No. 12011/68/93-  
BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I  
Section I No. 186 dated 13/09/93.
- (ii) Resolution No. 12011/9/94-  
BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I  
Section I No. 163 dated 20/10/94.
- (iii) Resolution No. 12011/7/95-  
BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I  
Section I No. 88 dated 25/05/95.
- (iv) Resolution No. 12011/96/94-BCC dated 9/03/96.
- (v) Resolution No. 12011/44/96-  
BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section  
I No. 210 dated 11/12/96.
- (vi) Resolution No. 12011/13/97-BCC dated 03/12/97.
- (vii) Resolution No. 12011/99/94-BCC dated 11/12/97.
- (viii) Resolution No. 12011/68/98-BCC dated 27/10/99.
- (ix) Resolution No. 12011/88/98-  
BCC dated 6/12/99 published in the Gazette of India Extraordinary Part I Section  
I No. 270 dated 06/12/99.
- (x) Resolution No. 12011/36/99-BCC dated 04/04/2000 published  
in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.
- (xi) Resolution No. 12011/44/99-BCC dated 21/09/2000 published  
in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.
- (xii) Resolution No. 12015/9/2000-BCC dated 06/09/2001.
- (xiii) Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- (xiv) Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- (xv) Resolution No. 12011/9/2004-  
BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I  
Section I No. 210 dated 16/01/2006.
- (xvi) Resolution No. 12011/14/2004-

- BCC dated 12/03/2007 published in the Gazette of India Extraordinary Part I Section I No. 67 dated 12/03/2007.
- (xvii) Resolution No. 12018/6/2005-  
BCC dated 10/10/2007 published in the Gazette of India Extraordinary Part I Section I No. 311 dated 12/10/2007.
- (xviii) Resolution No. 12015/2/2007-  
BCC dated 18/08/2010 published in the Gazette of India Extraordinary Part I Section I No. 232 dated 18/08/2010 & Corrigendum dated 11/10/2010.
- Shri / Smt. / Kum. \_\_\_\_\_ and / or his/ her family ordinarily reside(s) in the \_\_\_\_\_ District / Division of \_\_\_\_\_ State.

This is also to certify that he / she does not belong to the persons / sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt. (SCT) dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt.(Res.) dated 09/03/2004 or the latest notification of the Government of India.

**Dated:**

**District Magistrate/Competent Authority**

**Seal**

**Note:-**

- The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
- The authorities competent to issue Caste Certificates are indicated below:
- District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / Ist Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).
- Chief Presidency Magistrate/ Additional Chief Presidency Magistrate/Presidency Magistrate.
- Revenue Officer not below the rank of Tehsildar.
- Sub-Divisional Officer of the area where the candidate and/or his family resides.

## **EWS Certificate Guidelines**

### **DOCUMENTS REQUIRED FOR RESERVATION UNDER EWS CATEGORY**

Persons who are not covered under the scheme of reservation for SCs, STs and OBCs and whose family has gross annual income below Rs 8.00 lakh (Rupees eight lakh only) are to be identified as EWSs for benefit of reservation. Income shall also include income from all sources i.e. salary, agriculture, business, profession, etc. for the financial year prior to the year of application.

Also persons whose family owns or possesses any of the following assets shall be excluded from being identified as EWS, irrespective of the family income:

5 acres of agricultural land and above; Residential flat of 1000 sq. ft. and above, residential plot of 100 sq. yards and above in notified municipalities, and residential plot of 200 sq. yards and above in areas other than the notified municipalities. The property held by a "Family" in different locations or different places/cities would be clubbed while applying the land or property holding test to determine EWS status.

The term "Family" for this purpose will include the person who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.

### **INCOME AND ASSET CERTIFICATE ISSUING AUTHORITY AND VERIFICATION OF CERTIFICATE**

The benefit of reservation under EWS can be availed upon production of an Income and Asset Certificate issued by a Competent Authority. The Income and Asset Certificate issued by any one of the following authorities in the prescribed format as given below shall only be accepted as proof of candidate's claim as belonging to EWS: -

- (i) District Magistrate/Additional District Magistrate/ Collector/ Deputy Commissioner/Additional Deputy Commissioner/ 1st Class Stipendary Magistrate/ Sub-Divisional Magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner
- (ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/ Presidency Magistrate
- (iii) Revenue Officer not below the rank of Tehsildar and
- (iv) Sub-Divisional Officer or the area where the candidate and/or his family normally resides.

Government of .....

(Name & Address of the authority issuing the certificate)

**INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS**

Certificate No. \_\_\_\_\_

Date: \_\_\_\_\_

**VALID FOR THE YEAR** \_\_\_\_\_

This is to certify that Shri/Smt./Kumari \_\_\_\_\_ son/daughter/wife of \_\_\_\_\_ permanent resident of \_\_\_\_\_, Village/Street \_\_\_\_\_ Post Office \_\_\_\_\_ District \_\_\_\_\_ in the State/Union Territory \_\_\_\_\_ Pin Code \_\_\_\_\_ whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income\* of his/her 'family\*\*' is below Rs 8 lakh (Rupees Eight Lakh only) for the financial year \_\_\_\_\_. His/her family does not own or possess any of the following assets\*\*\* :

- I. 5 acres of agricultural land and above;
  - II. Residential flat of 1000 sq. ft. and above;
  - III. Residential plot of 100 sq. yards and above in notified municipalities;
  - IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.
2. Shri/Smt./Kumari \_\_\_\_\_ belongs to the \_\_\_\_\_ caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List)

Signature with seal of Office \_\_\_\_\_  
Name \_\_\_\_\_  
Designation \_\_\_\_\_

Recent Passport size attested photograph of the applicant

\*Note1: Income covered all sources i.e. salary, agriculture, business, profession, etc.

\*\*Note 2: The term "Family" for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years

\*\*\*Note 3: The property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

**For Industry / Academia Sponsored Categories**

(To be submitted at the time of interview)

To  
The Head (Admission Cell)  
NIFTEM, Kundli, Sonipat-131028,India

**Sub: No Objection Certificate (NOC) for Industry/Academia Sponsored Candidates seeking admission to PhD Programme at NIFTEM Kundli**

**Dear Sir/Madam,**

We have No Objection to the following, full-time employee of our organization, who wishes to pursue PhD degree program at NIFTEM Kundli.

Employee Name: Mr. / Mrs. / Ms. \_\_\_\_\_  
Employee ID: \_\_\_\_\_  
Employee Designation: \_\_\_\_\_  
Department / Functional Unit: \_\_\_\_\_  
Address: - \_\_\_\_\_  
State: \_\_\_\_\_

It is certified that he / she has completed.....years and .....months of service in our organization / institute as a regular employee. As per the records available with this office, Mr/Mrs/Ms..... has also served in..... from..... until..... We shall provide all the necessary available lab and other infrastructure facilities available at our organization to support him/her during the Ph.D degree Program (Mention 'NIL' if no such facilities are available with the employer).

The following financial support will be provided to him/her to conduct PhD research (mention 'NIL' if not provided).

- 1.
- 2.

He / She is permitted to use data generated in our organization as a part of his/her PhD work, for publications / thesis or in other scholarly output. -(mention 'NA' if not applicable). We shall grant him / her leave as and when required for completion of course work/ research/writing examinations / progress report presentation / conference presentations during the PhD program.

**Signature and Official Seal of the Employer**

Name of the Signatory:.....

Designation.....

Date:  
Place:

\_\_\_\_\_

**Annexures-IV**

**Score card for Ph.D. Admission 2026**

**Industry and Academia Sponsored Candidates**

Sr. No.	Name of Candidate	UG (Marks)	PG (Marks)	Publications (Marks)	Experience (Industry/Academia) (Marks)*	Proposed Research Work (Marks)	Interview (Marks)	Total Marks
		05	10	05	20	10	50	100

**Ph.D Regular Candidates ( without any National level Fellowship)**

Sr. No	Name of Candidate	UG (Marks)	PG (Marks)	NET (Marks)	Publications (Marks)	Experience (Industry/Academic/Relevant) (Marks)**	Proposed Research Work (Marks)	Interview (Marks)	Total Marks
		05	10	10	10	05	10	50	100

**Early Ph.D. Candidates ( 4 Yrs Bachelors to Ph.D)**

Sr. No	Name of Candidate	UG (Marks)	PG (Marks)	NET (Marks)	Publications (Marks)	Experience (Industry/Academic/Relevant) (Marks) **	Proposed Research Work (Marks)	Interview (Marks)	Total Marks
		20	--	--	10	10	10	50	100

**Ph.D Regular Candidate (with JRF/SRF Fellowship eligibility)**

Sr. No.	Name of Candidate	UG (Marks)	PG (Marks)	Publications (Marks)	Experience (Industry/Academic/Relevant) (Marks) **	JRF/SRF (Marks)	Proposed Research Work (Marks)	Interview (Marks)	Total Marks
		05	10	10	05	10	10	50	100

**Note:**

In case, where conversion formula is not explicitly mentioned.

**UG Marks** – Percentage multiplied by 1/20 (CGPA converted to %)

**PG** – Percentage multiply by 1/10 (CGPA converted to %)

\* **Experience** – Up to 03 years = 0 marks, 5 marks for every subsequent year for Industry/Academia sponsored candidates.

\*\* **Experience** – 1 marks/year for RET & Fellowship category candidates

**Publication** – 2.5 marks/ paper (Scopus/WOS/SCI/SCIE/ABDC indexed journals), only research papers will be considered,- 1 mark/ paper for referred journals only

## Contact Details

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### National Institute of Food Technology Entrepreneurship and Management An Institute of National Importance (INI)

Under the Ministry of Food Processing Industries (MoFPI), Government of India

#### Contact Information

Address: Plot No. 97, Sector 56, HSIIDC Industrial Estate, Kundli, District-Sonipat, Haryana — 131028

Phone: +91-130-2281101

Email: [admission@niftem.ac.in](mailto:admission@niftem.ac.in)

Website: [www.niftem.ac.in](http://www.niftem.ac.in)

