

Explore a Career in Food Technology, Research & Management



National Institute of Food Technology Entrepreneurship and Management

Deemed to be University (De-novo Category) under section 3 of UGC Act, 1956 and
An Autonomous Institution under Ministry of Food Processing Industries, GOI

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 NIFTM

MANAGEMENT
ENT OF INDIA

NATIONAL INST
AN AUTONOMOUS

Index

Item	Page No.
Vice Chancellor's Message	
Prologue	1
Academic Departments at NIFTEM	3
Academic Support Facilities at NIFTEM	4
Innovation in Education	6
Achievements of NIFTEM	7
Research Endeavours	12
Career Prospects in Food Sector	14
Hostel Accommodation	15
Admission Guidelines: General Information	16
Admission Guidelines for B. Tech. Programme	21
Admission Guidelines for M. Tech. Programme	24
Admission Guidelines for Ph. D. Programme	28
Guidelines for Admission of International Students	32
Important Dates	39
OBC Certificate Format	40
Curriculum Vitae Format for Foreign Nationals	42



**National Institute of Food Technology
Entrepreneurship and Management**
(A Deemed to be University under De-novo Category)
**MINISTRY OF FOOD PROCESSING INDUSTRIES
GOVERNMENT OF INDIA**

NIFTEM's blossom of opportunities



सत्यमेव जयते

DR. AJIT KUMAR,
Ph.D. (IIT-D)
I.A.S. (Retd.)
Vice-Chancellor

NIFTEM is a unique organization: specific for the domain of Food Processing Sector. We are putting our best efforts to achieve our ambitious plans of attaining the Apex status at the International level. A glimpse of such efforts is shown in this brochure. NIFTEM has been established because of a dismal state of India's Food Processing sector in the past. Apart from the fact that over 300,000 Food Processing Industries in India are in the dire need of trained manpower, this sector is growing further at the rate close to 13.5% each year. The multinationals are also entering Indian Food Processing market in a big way. To the NIFTEM's graduates that should translate into tremendous opportunities to join this sector and be a part of the huge transformation that the Food Processing sector is undergoing.

We are now two years old in our journey of academic endeavour as a Deemed to be university. In this brief journey we have striven hard to bring in all possible contemporary concepts of progressive education at the campus. An excellent faculty committed to quality teaching and research, a flexible curriculum responsive to the changing needs of industry, excellent facilities, world class infrastructure, a well-stocked library - contribute to the excellence of our undergraduate, postgraduate and doctoral programmes. Post Doctoral Fellowships shall also be established this year. Our curriculum of Food Technology has an inbuilt component of management, so that the NIFTEM graduates are not only expert 'Technocrats', but are also able to manage the industries professionally i.e. they are 'Techno-Managers' of the future. This unique blend of technology and management courses is the core strength of NIFTEM's degrees and will create new horizons in the arena of technical education and research. Last academic year was remarkable as we had two national MOUs, one international and two national conferences and a workshop on 'Dehydration of Food and Agricultural Products'. While caring for the highest standards of discipline and work culture, NIFTEM provides an extremely friendly environment to the students. The culture of mutual respect is one of the NIFTEM's core values.

I am pleased that you are considering joining NIFTEM. This is the era of revolution for food processing sector in our country. Basic tenets of NIFTEM are 'Knowledge' 'Innovation' and 'Outreach'. For us knowledge is not merely the acquaintance with facts but to investigate the basics of science and technology and to imbibe them deeply. Thus one who attains knowledge of food technology, management and entrepreneurship at NIFTEM will be capable to innovate for transforming the sector and will make an impact for the sector with a wide outreach. We expect our students to become Entrepreneurs - i.e. 'job givers' and not 'job seekers' of tomorrow.

If you are among the talented few and ready to take the challenges of this era heads on, come over and be a part of this National effort to put India's Food Industry at the global level. Come over and bloom in NIFTEM's blossom of opportunities!

After the era of IT revolution, the era of FT revolution (Food Technology Revolution) awaits you...

With Regards



(Ajit Kumar)

Prologue

National Institute of Food Technology Entrepreneurship and Management (NIFTEM) was conceptualized by Government of India on persistent demand of the food industry to have an Apex Organisation as a One Stop Solution Provider for the various problems of the sector. Ministry of Food Processing Industries, Government of India, has set up this institute with an initial investment of about Rs 500 crore (US \$ 100 million). The Institute is spread over an area of 100 acre at a prime location in close proximity of Delhi – Haryana border on NH-1. The Institute aims at becoming an international centre of excellence in the area of Food Technology and Management. NIFTEM has been recognized as a Deemed to be University under De-novo Category by the Ministry of Human Resource Development, Govt. of India.

MANDATE OF NIFTEM

NIFTEM has a mandate to work as “**Sector Promotion Organisation/ Business Promotion Organisation**” of the food processing sector. The major objectives of NIFTEM are:

- To work as **One Stop Solution Provider** to all the problems of the sector.
- To work for **Skill Development and Entrepreneurship Development** for the sector.
- To facilitate **Business Incubation Services**.
- To conduct **Frontier Area Research and foster Innovation** for development of the sector.
- To develop **World Class Managerial Talent** coupled with advanced knowledge in Food Science and Technology.
- To function as a **Knowledge Repository**.
- To work for **up-gradation of SME food processing clusters**.
- To provide **intellectual backing** for regulations, governing food quality and safety.
- To promote **cooperation and networking** among existing institutions within India and abroad.

ACTIVITY FOCUS OF NIFTEM

- Education and Research
- Skill Development
- SME Upgradation
- Consultancy
- Extension and Outreach
- Technology Enterprise Incubation

WORLD CLASS EDUCATION IN FOOD TECHNOLOGY AND MANAGEMENT

- State of art infrastructure and equipment.
- Teaching labs of international standards encompassing 7223 m² area.
- State-of-the-art research labs under establishment.
- Modern classrooms with interactive board, projection system and lecture recording facility.
- Acclaimed Faculty with Global Exposure.
- Video conferencing facility for interaction with foreign teachers.
- Pilot Plants and Incubation centres coming up.

INNOVATIVE CONCEPTS IN EDUCATION AT NIFTEM

- Each program is a unique blend of technology and management.
- Innovative, globally benchmarked curriculum.
- Innovative approach for teaching through e-contents.
- Catering socio-technical issues through a unique Village Adoption Programme.
- Regular Interactive sessions with top professionals and managers of food industry.
- Experiential learning opportunity through industry internship.
- Innovation fund for students.
- Promoting a very wide knowledge canvas of students: from ground realities in villages of India to the latest development in the food processing industries by visits abroad.

LIFE AT NIFTEM CAMPUS

- Fully residential campus with separate hostel facilities for girls and boys.
- Entire campus being developed as High-Tech Wi-Fi campus.
- Upcoming facilities include Auditorium, Amphitheatre, Recreational Area/Gymnasium, Health Club, Swimming Pool, Tennis Court, ground for outdoor games, facilities for indoor games etc.
- Green campus with duly planned walking/ jogging/ cycling tracks.
- Medical facility in the campus.
- Self contained campus with facilities like post office, bank, and an upcoming market complex.
- Bus shuttle facility from Jahangirpuri Metro Station to the campus.

Academic Departments

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

The department aims at promoting innovations in food sector and catalyzing the growth of food processing industry in India in global context. Apart from imparting world-class education in the field of food science and technology, the department has research programmes in frontline areas of Food Science and Technology. The department is also involved in skill development of the farmers and industry personnel.

DEPARTMENT OF FOOD ENGINEERING

With an aim to produce the world class food engineers, the Department of Food Engineering looks at all the aspects of processing related to food industry. It aims at promoting the growth of the food processing industry in India in the global context by mechanization and automation, engineering intervention for transforming Agriculture into Food Processing Industries and motivating Entrepreneurship for promoting Food Processing Sector.

DEPARTMENT OF FOOD BUSINESS MANAGEMENT AND ENTREPRENEURSHIP DEVELOPMENT

This department has been conceptualized to groom future leaders in Food Science and Technology who can make a difference in Agri-Food Business for India and the world. The main aim is to work for development of managerial and entrepreneurship skills for the food processing sector. The immense knowledge potential may be channelized to function as a knowledge repository on various aspects of food processing such as product information, production and processing technology, market trends, safety and quality standards and management practices, among others.

DEPARTMENT OF BASIC AND APPLIED SCIENCES

The department encompasses different fields related to basic sciences such as Physics, Chemistry, Microbiology, Biochemistry and Mathematics. The functional areas of the department include: food safety and quality, food and human nutrition, chemical aspects of foods, application of physics in food processing, food testing (microbiological and chemical) and mathematical modelling in food processing.

DEPARTMENT OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

This department looks after pre and post harvest management of food crops, fruits and vegetables. A major focus of the department is on the cutting edge production technologies such as plant tissue and cell culture and protected agriculture. The research also encompasses farm produce sustainability and profitability in Indian agriculture along with environmental issues such as climate change, waste management etc. NIFTEM's Village Adoption Programme is coordinated by the department.

Academic Support Facilities

LABORATORY AND PILOT PLANTS

NIFTEM houses state-of-the-art teaching and research facilities in food technology and allied areas. In addition to laboratories, five pilot plants covering Fruits and Vegetables, Dairy Products, Cereal and Pulses, Meat and Poultry and Traditional Indian Foods are in process of shaping. These will be used for experiential learning by students and providing exposure of working environment of Food Processing Industries. The pilot plants will also be used for scale up process, commercialization of business ideas and development of entrepreneurship in future.

NIFTEM KNOWLEDGE CENTRE (LIBRARY)

The NIFTEM Knowledge Centre (NKC) is a five storey building having an area of 6580 m². The state-of-the-art NKC is housed in aesthetically designed boat shaped signature building amidst the NIFTEM campus. The aim of the NKC is to cater to the needs of the undergraduate and postgraduate Students, Research Scholars and the faculty members of NIFTEM. It also caters to the needs of users through internet/intranet by providing information services to all the stakeholders relating to bibliographic, full text digital and printed resources to support the scholarly and informational needs of the NIFTEM community.

Resources/Facilities	Status
Print Books	More than 6500 titles and more than 13500 volumes
Print Journals/Magazines	Above 136
E-Journals (EBSCO, UGC-INFONET, T&F, IEEE, J-Gate, ASTM, EJ-Server etc.)	More than 9000
E-Books (ASTM, T&F, Woodhead, EBSCO etc.)	More than 3000
Library Software and EM-RFID System	VTLS-Virtua and 3M
ISO Standards	More than 600
Classification Scheme	DDC 23rd Ed
Reprography/printing/Scanning Facility	Yes
Digital Library Facility	Yes (12 Multimedia PCs)
Indexing/Barcode	Yes
OPAC (Online Public Access Catalogue)	Yes
Seating Capacity	More than 100

The library also renders innovative services as:

- A national repository of knowledge in the food processing sector
- Information and knowledge sharing network
- Institutional repository
- Selective Dissemination of Information (SDI) and Current Awareness Services (CAS)
- Facility of searching the catalogue from anywhere in the world
- Research and Reference Services
- Inter Library Loan (ILL)
- Self check in/out

Innovation in Education

NOVEL APPROACH IN CURRICULUM DESIGN

- Professionally crafted curriculum with proper balance of Technology and Management.
- Globally benchmarked curriculum by the expert of Industry and Academia.

COLLABORATIONS ACROSS THE GLOBE

- NIFTEM has entered into Memorandum of Understanding with Wageningen University, The Netherlands; Kansas State University, Manhattan, USA; University of Nebraska, Lincoln, USA and Institute for Food Safety and Health, Illinois Institute of Technology, Chicago, USA for mutual cooperation in the field of faculty/ students exchange, research and other subjects of common interest.
- Similarly NIFTEM has MoU bondage with GS1 India; IARI, New Delhi and NDRI, Karnal, Haryana.
- The Institute is likely to sign similar MoUs with about ten more prominent foreign Universities/ Institutions.

STUDENT'S FOREIGN EXCHANGE PROGRAMME

Right from their first year itself, every year ten meritorious students from each batch of B. Tech. and two students from each of the five M. Tech. programmes are sent to foreign universities on a exchange programme of academic learning with 100% airfare support. Other students in order of merit are paid 50% and 25% fare. During July to August 2013, a number of students were sent to the following foreign universities under this programme:

- University of Nebraska-Lincoln, USA: 02 (M. Tech.) and 08 (B. Tech.)
- Kansas State University, USA: 04 (M. Tech.)
- University of Saskatchewan, Canada: 2 (M. Tech.)

INNOVATION FUND FOR STUDENTS

- NIFTEM has conceptualized creation of an Innovation Fund for the students.
- Innovative projects submitted by the students costing upto Rs. 15.00 lakh are normally funded.
- Limit can be exceeded in case of highly deserving projects.

VILLAGE ADOPTION PROGRAMME (VAP)

- A unique approach to propagate Food Processing Technologies and NIFTEM's message to the least developed villages of India.
- Students are divided into groups of 5 to 7 immediately after their joining the B. Tech./M. Tech. programmes at NIFTEM.
- Each group adopts a village of its choice anywhere in India and nurses it during their entire programme.

Aims of VAP are:

- To create a symbiotic learning environment for students.
- Enlighten the students to grass root problems of villages and of food supply chain.
- Inculcating the capabilities suiting to emerging job markets in food supply chain and to develop entrepreneurship spirit.
- Making village community acquainted with latest technologies on agro food production and processing.



Shri Papad SHG at work



Demonstration of mushroom farming



Door to door survey



Krishi samelan by NIFTEM VAP team



Students helping in Eye Camp held at Alanganallur



Water Chlorination Drive at Village School

Achievement of NIFTEM 2012-2014

INFRASTRUCTURE

- ✧ NIFTEM Knowledge Centre (Library) made functional with adequate resource of international level.
- ✧ Sanction of additional power load to ensure adequate supply of electricity.
- ✧ 13 out of 14 Teaching-cum-Research labs made functional.
- ✧ Completion of four hostel blocks with full furnishing and furnitures.
- ✧ Completion of horticulture work commensurating the building.

IT INITIATIVE:

- ✧ Wi-Fi facility, 100 MBPS internet speed.
- ✧ Audio-Video lecture recording.
- ✧ Centralized attendance management system for faculty, students, officials, non-teaching staff.
- ✧ Campus wide local area network.
- ✧ Authorized access management system for internet, CCTV, gateway security.
- ✧ Video conference interview/lecture system.

GRANT OF DEEMED UNIVERSITY STATUS

- ✧ NIFTEM was declared a Deemed to be University under De Novo Category on 8th May, 2012 by the University Grant Commission.

STUDENT WELFARE AT NIFTEM

- ✧ Each student is provided well furnished room with bed, study table and chair, curtains, almirah etc.
- ✧ Well furnished Mess, 24 hr Tuck Shop and Amul Shop for snacks and drinks.
- ✧ 24 hrs Medical services with availability of ambulance.
- ✧ Facilities for availing education loan from State Bank of India located in NIFTEM campus
- ✧ Extracurricular activities on regular basis.
- ✧ Indoor and outdoor sports facilities.

RESEARCH ACTIVITIES AT NIFTEM

- ✧ Establishment of a Research Cell.
- ✧ Internal funding of research projects started. 11 projects approved and work started.
- ✧ A research project from Indian Council of Medical Research in collaboration with NDRI, Karnal started at a cost of Rs. 31 Lakh.
- ✧ 22 similar research projects are in pipeline.

FACULTY ENCOURAGEMENT

- ✧ Faculty members are encouraged to visit abroad.
- ✧ Participate in conferences and training programmes.
- ✧ Engaged in research project writing/ workshops.
- ✧ Faculty is provided with the facilities of books grants, computers/laptops, telephone and internet usage reimbursement, entertainment allowances, professional development allowance, medical reimbursement, relocation allowance, in-campus accommodation etc.
- ✧ Faculty members granted additional/ advance increment as per UGC norms.
- ✧ Residential accommodation in the campus for each faculty.

NIFTEM's NEWSLETTER

- ✧ Publication of quarterly newsletter 'Abhivyakti'.
- ✧ Faculty and students contribute to it.
- ✧ 'Abhivyakti' is circulated to all concerned sectors, ministries, department and the people.

CONFERENCE/SEMINAR/WORKSHOP

- ✧ Organized 1st International Conference at its Campus on "Innovations and Food Processing, Value Chain Management and Food Safety" on January 10-11, 2013 and workshop on food safety on January 12, 2013.
- ✧ 2nd International Conference was organized on "Emerging Food Safety Risks: Challenges for Developing Countries" during January 9-10, 2014 followed by a Workshop on "Food safety and Quality" on January 11, 2014.
- ✧ Two other National Seminars on "Revitalizing Indian Agriculture" and "Bioactive Compounds and Functional Foods in Health and Disease Management" were organized during 2013.
- ✧ Organized 1st Workshop on Dehydration of Food and Agricultural Products Principles, Practices & Prospects during March 25 – 26, 2014.
- ✧ Eminent scientists and researchers from different countries around the world attended all these events.

CONSULTANCY DIVISION

- ✧ Setting up of Consultancy Division at NIFTEM Campus, to work as an extended arm of the Institute.
- ✧ Completion of 2 consultancy assignments and many more are under process.

SKILL DEVELOPMENT DIVISION

- ✧ Twenty three Short Term Training Programmes conducted at NIFTEM Campus independently and in association with selected knowledge partners benefitting 508 participants.
- ✧ Twenty one week/two weeks training programmes being launched on a Pan India basis for skilling farmers/ young entrepreneurs.
- ✧ One hundred ten one day outreach programmes being launched on PAN India basis to sensitize farmers/ young generation about value addition, preservation and reduction of wastages.

ENTREPRENEURSHIP DEVELOPMENT CELL

- ✧ There are large gap of skilled manpower available and skill manpower needed in the Food Processing Sector. To bridge this gap NIFTEM has devised Capacity Building and Skill Development Programme so that it may be possible to achieve the growth according to the Vision 2020.
- ✧ NIFTEM will provide the training in various Food Processing fields such as to farmers, technicians and scientists to involve in the growth of this sector.
- ✧ To create networking among NGOs, Corporate sectors, SHG (Self Help Groups), ITI and other training institutions to cater the need of food processing industry.
- ✧ To bring convergence and synergy with National Skill Development Initiative, HRD Scheme of MFPI, etc.
- ✧ Diploma courses in Food Processing Technology, EDP/Training FPI Sector Awareness Programme, etc.
- ✧ Upgrading the skill of human resources already employed through periodic training.

CORPORATE RESOURCE DIVISION

- ✧ Corporate resource division (CRD) has been constituted with a mind set to bring corporate vision and thoughts closer to the students of NIFTEM in order to share updates on development taking place for Food Technology at Global platform.
- ✧ CRD core activities match with bringing Industry to a classroom and also taking classroom to the corporate through Guest lecture, Panel discussion.
- ✧ Organizing workshop, plant visits, study tours, mini projects.
- ✧ Division assists and facilitates in placement process, and industry internship.
- ✧ Provide entrepreneurship support in collaboration with Skill development department.
- ✧ CRD aliens with professional trainings to fine tune student verticals on market ethics.
- ✧ Placement has begun for M. Tech 2012-14 batch and reputed companies have shown interest in taking students from NIFTEM.

ACADEMIC ENDEAVOURS

- ✧ Established academic audit and monitoring cell.
- ✧ Eminent experts are invited to deliver extension lectures.
- ✧ Prof. Arun S. Majumdar, an internationally renowned scholars, has been appointed as Professor Emeritus at NIFTEM.
- ✧ Prof (Dr.) V. Prakash, internationally renowned scholars, has been appointed as Professor Emeritus at NIFTEM.
- ✧ Two African Researchers allotted by Department of Science and Technology under Indo-Africa Scholarship opted for NIFTEM.
- ✧ One National Young Scientist Fellow chose NIFTEM for further research work.

INDUSTRY INTERNSHIP FOR M.TECH STUDENTS

- ✧ All the students of M. Tech. were placed in prominent food processing industries for 5 months industrial internship between August to December, 2013.

NIFTEM RESEARCH AND DEVELOPMENT COUNCIL (NRDC)

- ✧ Research & Development Council consisting of about 50 members drawn from industry and academia has been set up to chalk out the future research agenda of NIFTEM. Experts from ICAR/CFTI/CIPHET/DFRL/DRDO/IIT Kharagpur, HBTI Kanpur have been included in the council.
- ✧ Two meetings of NRDC held.

INTERNATIONAL GRAIN PROCESSING RESEARCH AND TRAINING CENTRE

- ✧ The centre has its mandate as training, teaching, research and technology transfer in the area of primary (shelling, milling, dehusking etc.) and secondary (breakfast cereals, multigrain products, whole grain products etc.) grain processing.
- ✧ To come up with novel uses of grains through grain starch research, modification of starch, extruded specialties, including fermentation technology applied to cereals and development of value added products etc.
- ✧ The centre has organized an international short term training programme (STTP) on 'Extrusion Processing - Technology, Applications and Business Development for the Indian Food and Feed Market' on April 8-10, 2013 with Kansas State University, USA & M/s Wenger, USA.
- ✧ The United States-India Educational Foundation (USIEF) has granted a Fulbright Specialist, Dr Ronald Noyes, Emeritus Professor, University of Oklahoma, USA to visit the centre from 8 – 28 February, 2014 and to discuss future research thrust of the centre.
- ✧ Organized 2 One-Day Training Programme in March 2014 for self employment.

INTERNATIONAL BAKERY RESEARCH AND TRAINING CENTRE

- ✧ The International Bakery Centre aims to facilitate experiential learning and product development for the Baking Industry of India.
- ✧ The centre would conduct research on the problems of the Baking Industry.
- ✧ The centre would also train the people and upgrade their skills to achieve quality in the bakery units.
- ✧ Organized three One Day Training Programme in March 2014.

INTERNATIONAL CENTRE OF EXCELLENCE ON FOOD SAFETY AND QUALITY

- ✧ Being a public funded institution and in its role of Single Solution Provider, NIFTEM has come forward to take initiatives to establish a state of art Centre of Excellence to work on Food Quality and Safety issues.
- ✧ Functional areas of the centre are: process development and process validation, quality control and quality assurance, quality systems and systems certification, surveillance and monitoring of food borne outbreaks, risk prioritization, Food functionality, toxicity and efficacy, analysis and certifications.

NIFTEM INDUSTRY FORUM

- ✧ NIFTEM Industry Forum is one of the policy advisory bodies.
- ✧ It consists of representatives of Micro, Small, Medium and Large Industries in Food Processing Sector.
- ✧ It envisages the NIFTEM's Agenda for the future for Teaching, Research, Entrepreneurship Development, Skill Development and Consultancy to the Industries, as also SME Up gradation.



Prize distribution ceremony to the best VAP team on 26th January 2014



Hon'ble Chancellor of NIFTEM, Shri Siraj Hussain distributing prize to student

Research Endeavours

NIFTEM being a National Institute of global standards aiming to inculcate knowledge creation in frontier areas of food technology and management and it sets a deep, distinctive and leading legendary landmark in food research at global level. NIFTEM focuses on a fair balance of food upstream and downstream research conducted through internal as well as collaborative and sponsored funds headed by extremely dedicated faculties and experts. Currently, NIFTEM has 5 ongoing projects in different fields undertaken by different well competent, knowledgeable and skilled faculty members and dedicated research fellows (SRFs/JRFs) focusing on needs and demands of present world.

Micro-fluidization technique has gained popularity as a homogenization technique in food industry as it combines extremely high velocity, high pressure, frequency fluctuations, high shear and continuous treatment. A research project is being carried out in NIFTEM to study “The Effect of Micro-fluidization on the Quality on Fruit Flavoured and Low-Fat Yoghurt”.

Moreover, present world focuses highly on nutrient enriched safe and healthy foods. With this aim another project namely “Development of Safe Fruit and Vegetable Product Retaining Higher Nutrients using High Pressure Processing”. Pascalization or high pressure processing (HPP) is a method of preserving and sterilizing food, in which a product is processed under very high pressure, leading to the inactivation of certain microorganisms and enzymes in the food. Modification of this technique so as to retain high nutrients in food is mainly emphasized in this project.

Additionally, curbing environmental and waste disposal problems of food industry and to cut down pressure on non renewable fossil fuels in a food industry has been focused in the project “Biochar



Signing of MoU between NIFTEM and IARI, New Delhi



Signing of Memorandum of Understanding (MoU) between NIFTEM and GS1

from Food Industry Waste". Biochar is a solid material obtained from the process wellknown as pyrolysis of biomass. Biochar may be added to soils with the intention to improve soil functions and to reduce emissions from biomass that would otherwise naturally degrade to greenhouse gases.

Similarly, a research project on "Natural Antimicrobial Film to Enhance Quality of Food: Starch-Protein Film with Antimicrobial Agents from Nature" focuses on major issues concerning whole world, that is, food quality and safety. Antimicrobial packaging technology has a significant impact on shelf life extension and food safety and this has evolved an idea to utilize natural antimicrobial film to cover food products and thereby render food safety.

In addition, a project "Antibiotic Resistance in Lactobacilli of Food and Faecal origin: Detention of genes, influence of stress and horizontal transfer" (ICMR funded) has been undertaken to focus on human health involving resistance development and drug establishment targeted towards harmful pathogens by stress specific metabolic and genetic studies.

Students in NIFTEM too will be engaged in research during M.Tech and Ph.D programme and will undertake channelized research and directed towards capture of intellectual assets, publications, technology archiving for transfer to food industry.

Besides research important component of M.Tech and Ph.D programmes at NIFTEM students of M.Tech are given various research topics related to the present day needs of the food industry.

The students of NIFTEM are also provided encouragement, support and a platform ``in the form of innovation Fund Scheme for NIFTEM students'' for realization of their innovative research ideas for providing solutions to the problems being faced at present by the Food Processing Sector of India.



Seminar on Processing of Baby corn, sweet corn and mushroom



Farm Visit during the seminar on processing of baby corn, sweet corn and mushroom

Career Prospects in Food Sector

Food Industry in the country looks forward to a rapid growth with change in socio-economic environment and food consumption pattern of the prospering population, in general and of the youth, in particular. Food Processing Sector is an important segment of the economy, constituting a share of around 9.0 to 10.0 percent of GDP in Agriculture and Manufacturing sector. The food processing sector had attracted a foreign direct investment (FDI) of 401.46 million US\$ in 2012-13. A study conducted by Institute of Applied Manpower Research (IAMR) foresees a wide skill gap at various levels in food sector touching around 35 million by 2017. Thus Food Industry is going to be a major employer in the days to come.

NIFTEM aims at expanding the food technology research and education far beyond the conventional realm, by covering upstream food technology disciplines and providing exposure to its students in cutting edge areas of relevance. The focus of NIFTEM transcends beyond traditional technology applications, so as to provide better career prospects to students in the field of Food Technology and Management to enable them to meet the demands of high-end professionals in Food Industry.

The curriculum at NIFTEM has been designed as per the Industries' feedback regarding difficulties in recruiting suitably trained manpower as there is a huge shortage of the same.

The career options in food sector include:

- Product Development Scientist
- Sensory Scientist
- Food Microbiologist
- Food Analyst
- Quality Control Supervisor
- Food Process Engineer
- Food Ingredient Manager
- Food Regulatory Affairs Specialist
- Nutrition Specialist
- Food Fermentation Specialists
- Food Processing Sectors: snack food, beverages, meat, winery, dairy etc.
- Food Service Sectors: supply chain, post harvest, food retailing, food regulations and health and wellness service providers.
- Managers, Technocrats and Consultants in Food Industry.
- Pursuing higher degree for careers in Academia and research.

Hostel Accommodation

There are separate hostels for boys and girls. We have four different Hostels named as:- Brahmputra, Sutlej (Boy's Hostels) and Kaveri, Ganga (Girls Hostels). Ambience with the right blend of studies and extracurricular activities has been created in the hostels. The living rooms are well furnished and spacious with all the modern amenities. A well designed common room provided with television facility is another feature. A separate gymnasium has been provided in the hostel to improve physical health and vigour. Laundry service is also available for washing and ironing of the clothes within the hostels. A 24 hour canteen service has been provided in the hostels to the students. This will be provided hygienically prepared snacks, soft drinks and other eatables to students on payment basis. Staying in the hostel is mandatory for each student.



Boys Hostel



Boys Hostel Mess



Room in Girls Hostel



Room in Boys Hostel

Admission Guidelines: General Information

ATTENTION: Aspirants must read this section before referring to the programme of interest and filling up the online application form.

1. Reservation for Indian Nationals: The number of seats in the B. Tech. program in NIFTEM, as announced in this admission brochure, shall be strictly adhered to, except for such minor adjustment as may be necessary on account of rounding off of fractions to accommodate reservations, as given below:

- (a) 27% reservation to Other Backward Class (from non creamy layer and with a valid certificate indicating eligibility for admission to central government institutions only. Please refer to Annexure-I at the end of this brochure for format of certificate for claiming reservation under this category)
- (b) 15% for candidates belonging to the Scheduled Castes.
- (c) 7.5% for candidates belonging to the Scheduled Tribes.

Further, 3% seats are reserved (horizontal reservation) for physically challenged (PC) candidates.

2. The physically challenged candidates should have a minimum of 40% disability, provided that the claimant in this category is otherwise capable to pursue the course for which the admission is sought. All physically challenged persons should produce a certificate of their permanent physical disability from a CMO/Civil Surgeon of a District or Director/Principal or a Professor of a Medical College affiliated to University or an institution of national importance.
3. Due reservation and concessions would be given to Kashmiri migrants as per Government of India Norms, provided they clearly mention their category in application forms.

“It gives an opportunity to explore the unending horizon of the rising food industry”

*M. Tech-FTM student
(Akilaa K S)*



- Relaxation in cut off percentage up to 10% subject to minimum eligibility requirement.
 - Increase in supernumerary quota up to 5% in each programme.
4. For foreign nationals, 15% supernumerary seats have been created which including 5% reserved seats for students from South East African countries and wards of Indian workers in Gulf Countries. In case of non availability of applicants from South East Asian countries and wards of Indian worker in Gulf countries the seats reserved for them under foreign student category will be made open to other foreign nationals. Being supernumerary seats, these will not be made open to Indian Nationals.
 5. The Ph. D. entrance test and M. Tech. entrance test (if held for non-GATE applicants subject to availability of seats), will take place at NIFTEM Campus, Kundli, District – Sonapat, only. There would be no other centre within or outside the country.
 6. Application forms for admission in B. Tech., M. Tech. and Ph. D. Programmes of NIFTEM are to be filled online only. Applicants should send the printed copy of application form to NIFTEM only if the application fee is paid through DD. Detailed admission brochure is available on the website. However interested candidates may ask for a print copy of the admission brochure from institute reception counter on payment of Rs 400/- through a demand draft (DD drawn in favour of 'NIFTEM' payable at Kundli, District Sonapat, Haryana) or in cash. The printed brochure may be requested by post on payment of Rs 500/- (inclusive of handling and postage charges of Rs 100/- extra) in the form of DD accompanied by a written request addressed to The Head, Admission Cell, NIFTEM, Plot No. 97, Sector 56, HSIIDC Industrial Estate, Kundli – 131 028, District: Sonapat, Haryana.
 7. Final merit list, counselling schedule and counselling would be uploaded on the institute website only. For such information/updates, the website should be visited frequently. It may be noted that no postal communication will be made to any applicant in this regard.
 8. However, in interest of the applicants NIFTEM also attempts to send SMS and email alerts on the numbers and mail ID provided in the application forms. Onus of any delivery failure in this regard would lie on the applicant. It is advised that DND facility and other restrictions, if opted on the mobiles, should be deactivated during the admission period. The entries of mail ID and mobile numbers in the application form must be made correctly with utmost care.
 9. Under unavoidable circumstances, any prescheduled event/activity given as admission timeline in the brochure may be changed. All such official notifications including merit notification and change in date, if any, will be made on the NIFTEM website only.
 10. Admission of Foreign Nationals will be strictly under Guidelines/ Instructions provided in the

section- 'Admission Guidelines for International Students'. Scholarships/ Fellowships mentioned in the brochure are available to Indian Nationals only unless otherwise mentioned. Vacant seats of foreign national quota will NOT be transferred to Indian nationals.

11. Guidelines for Online submission of Application:

Before filling the online application form, applicants are advised to keep the following materials ready:

- a) Soft copy of applicant's passport size photograph in .jpg/.png format with less than 100 kb size.
- b) Soft copy of applicant's signature in .jpg/.png format with less than 100 kb size.
- c) Soft copy of GATE certificate in PDF format with less than 100 kb size (M.Tech applicants only).
- d) A Demand Draft (DD) of requisite amount, if payment of application fee is to be made through DD.

STEP-I: Open the webpage <http://www.niftem.ac.in> and click on Admission 2014-15.

STEP-II: Applicant Registration Process: Applicants are advised to register themselves with basic information including e-mail ID. Applicants must be careful in entering e-mail ID as this ID will be used for sending **Application Registration Number** and all future communications.

Once the applicant is successfully registered, the Application Registration Number will be sent to their registered e-mail ID.

STEP-III: Now, the applicant must log in to the main application page using his/her Date of Birth and Application Registration Number.

STEP-IV: In the main application page, applicant should click on to the Degree Programme of his/her choice and start entering information online.

STEP-V: After filling up the form completely, applicant should proceed to payment page.

In the payment page, candidate may choose between Online Payment or Demand Draft (DD) option. Only after the completion of payment process the application will be submitted successfully.

STEP-VI: In case of payment through DD, candidate must take a print out of **Application Form** and send it along with the DD to **The Head, Admission Cell, NIFTEM, Plot No.97, Sector-56, HSIIDC Industrial Estate, Kundli, Dist. Sonapat, Haryana-131028**, so as to reach on or before the due date (**27th June 2014 for B.Tech and M.Tech and 9th June 2014 for Ph.D Programme**).

STEP-VII: B.Tech. applicants must upload their JEE (Main) All India Open rank within three days of publication of rank by C.B.S.E.

Admission Guidelines: General Information

12. **Details of Application Fee:** A non-refundable application fee of **Rs.250/- (for Gen/OBC candidates)** and **Rs.125/- (for SC/ST candidates)** may be paid through Demand Draft (DD) or Online through Credit/Debit Card. DD should be **in Favour of 'NIFTEM' payable at SBI Branch NIFTEM Campus, Kundli, (Branch Code-15479).**
13. Documents required for attending Counselling: Candidates, if called for counseling, are required to carry following certificates, in original, during counselling
- Class X Marksheet and Certificate (as a proof of DoB; for all candidates)
 - Class XII Marksheet and Certificate (For B.Tech. candidate only)
 - Undergraduate Marksheet and Certificate (For M.Tech. and PhD candidate only)
 - Postgraduate Marksheet and Certificate (For M.Tech. wherever applicable and Ph.D. candidates only)
 - JEE (Main)-2014 Admit Card and Score sheet (for B.Tech. candidates only)
 - Valid GATE Scorecard (For M. Tech. and Ph.D. candidates only)
 - NET Certificate (For Ph.D. candidates only)
 - Caste Certificate(s) (if applicable) of SC/ST/OBC (OBC candidates must refer Annexure-I at the end of this brochure for valid format).
 - Character Certificate from School/College/ University last attended (for all candidates)
 - Medical certificate of handicap for Physically Handicapped candidates
 - Migration Certificate, if applicable
 - Three passport size coloured photographs
 - Bank Draft(s) of requisite admission fee
 - Counselling Authorization Slip/RET Admit Card (to be generated online, if called for counseling/Common Entrance Exam/RET).
 - A set of self attested photocopies of all the certificates, mentioned above, shall also be produced which will be retained by the NIFTEM.



Self check in facility at NKC

Important Note:

- (a) Candidates failing in production of Category/ Physically Challenged certificate during the counselling will be considered as GENERAL and will automatically lose his/her claim of due reservation.
- (b) 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 identical to that in Application form as well as in the 10th and 12th class certificates. Any variation in the name or other particulars in reserved category certificate may lead to refusal for admission by Admission Cell in the reserved category.
- (c) In the absence of caste certificate, the candidate will not be entitled for any provisional admission in reserved category on the basis of any undertaking.
- (d) In the absence of mandatory documents of proof for eligibility the candidates will not be allowed to attend the counselling.

IMPORTANT DATES: For programme specific application deadlines, Entrance test, Interview and Counselling dates, please refer Page No. 39 of this Admission brochure



Earth Day celebration on 22nd April 2013 at NIFTEM Campus



1st National Seminar on Revitalizing Indian Agriculture (RIA) 23-24 August 2013

Admission Guidelines for B. Tech. Programme

National Institute of Food Technology Entrepreneurship and Management (NIFTEM) offers unique Under Graduate programme of B. Tech. degree in Food Technology and Management (FTM). Specific guidelines for admission to this programme for the academic session 2014-15 are provided as under:

ELIGIBILITY:

Educational Qualification:

1. Candidates who have passed their Class 12th Exam or any other qualifying examination in 2012 or 2013; or those who are appearing in Class 12th Exam in 2014 are eligible.
2. Candidates who appeared in class 12th/equivalent qualifying Examinations in 2011, did not pass in 2011, but passed in 2012 are not eligible for admission.
3. Subject combinations in the qualifying examination shall be as under: Physics, Mathematics and one of the subjects from Chemistry, Bio-technology, Computer Science, and Biology.
4. Candidates must secure at least 50% marks in aggregate of all subjects.
5. Besides a candidate must have appeared in JEE (Main) – 2014.

Age:

Only those candidates whose date of birth falls on or after October 01, 1989 are eligible. However, in the case of Scheduled Caste (SC), Scheduled Tribe (ST) and Physically Challenged (PC) candidates, upper age limit is relaxable by 5 years.

Note 1. A candidate, who gets a compartment in the 10+2 examination held in March/April, 2014 will not be eligible for admission even if he/she clears the same (by appearing in the supplementary examination) before the reporting/counselling dates.

Note 2. Percentage of marks in each subject in qualifying examination shall be worked out as suggested by the certificate awarding Board/University/Council. If the Board/University/Council awards grades without providing equivalent percentage of marks on the grade sheet, the candidate, should obtain a certificate from the respective Board/University/Council specifying equivalent percentage conversion formula, and submit the same at the time of reporting/counselling. In the absence of such a certificate, the decision of the Admission Cell regarding his/her eligibility shall be final.

Note 3. The date of birth as recorded in the high school/first Board/Pre-University certificate will be accepted. If the certificate does not mention the date of birth, a candidate must submit along with the application, an authenticated document by a competent authority indicating the date of birth.

SELECTION PROCESS:

The merit list will be prepared purely based on All India Rank of JEE (Main)-2014 of the eligible applicants. Counselling for admission will be done by NIFTEM admission cell at NIFTEM campus, Kundli, Sonapat, Haryana only.

NUMBER OF SEATS:

For Indian Nationals: 180 (reservation as per government norms).

For Foreign Nationals: 27 (Including 9 seats reserved for students from South East Asian countries and wards of Indian workers in Gulf countries).

The Seat Matrix (Indian Nationals) for B. Tech. (Food Technology and Management) is shown below:

Category	GEN	OBC	SC	ST	Total
No. of Seats	90	48	27	15	180
PC (Horizontal Reservation*)	3	1	1	1	6

* Horizontally reserved seat are to be filled up from total seats under respective category.

In addition to the guidelines provided above, all applicants must also read general instructions, provided in this brochure. Likewise foreign national must read instructions given in relevant section in this brochure for foreign nationals.

SCHOLARSHIPS AND FINANCIAL SUPPORT:

- **NIFTEM Merit Scholarship:** First student on merit in B.Tech. will be offered this Scholarship. He includes tuition fee waiver and fixed monthly stipend for ten month.
- **NIFTEM Merit-cum Mean Scholarship:** This Scholarship is strictly on Merit cum means basis for needy students.
- **Earn while you learn programme.**



2nd National Seminar on Bioactive Compounds and Functional Foods in Health and Disease Management
15-16 November 2013



Prize distribution ceremony to the best VAP team on 26th January 2014

FEE STRUCTURE (INDIAN NATIONALS) FOR B. TECH. PROGRAMME:

Particulars	1st Semester	2nd Semester and onwards
	(Rs.)	(Rs.)
A) At the Time of Admission (One time)		
Institute Handbook & Enrolment Form	1500	NIL
Admission Fee	3000	NIL
Identity Card Fee	1000	NIL
Institute Development Fund	4000	NIL
Hostel Development Fund	2000	NIL
Library Fund	4000	NIL
B) Tuition & Other Fee		
Tuition Fee	42500	42500
Lab Support Fee	3500	3500
Examination Fee	2000	2000
Electricity and IT Support	4000	4000
Student Activity	2500	2500
C) One Time Security Deposit (Refundable)		
Institute Security Deposit	5000	NIL
Library Security Deposit	5000	NIL
Mess Security Deposit	5000	NIL
D) Hostel & Other amenities		
Hostel rent (Seat wise)	5000	5000
Medical Fees	1000	1000
Electricity and water Supply	2000	2000
Total	93,000	62,500

“It’s an institution having plethora of opportunities for me to disseminate the acquired skills”

*M. Tech-FPEM student
(Preeti Birwal)*



Admission Guidelines for M. Tech. Programme

ADMISSION GUIDELINES FOR M. TECH. PROGRAMMES

NIFTEM offers five uniquely designed Post Graduate Programmes, each being catered by one of the academic department at NIFTEM. These Post Graduate programme leading to Two years regular M. Tech. degree are-

1. M. Tech. in Food Technology and Management (FTM)
2. M. Tech. in Food Process Engineering and Management (FPPEM)
3. M. Tech. in Food Plant Operations and Management (FPOM)
4. M. Tech. in Food Safety and Quality Management (FSQM)
5. M. Tech. in Food Supply Chain Management (FSCM)

ELIGIBILITY

Four Years Bachelor's Degree or a Master's degree in relevant discipline with minimum 60% marks in aggregate. Additional programme wise requirement, are as below:

Programme	Minimum Qualification
M. Tech. (FTM)	B. E./B. Tech. in Food Science / Food Technology and Management / Food Technology / Food Process Engineering/ Food Engineering / Dairy Engineering / Dairy Technology / Agricultural Engineering / Agricultural & Food Engineering/ Dairy and Food Engineering / Bio Chemical Engineering / Chemical Engineering OR M. Sc. degree in Food Technology / Food Science and Technology / Food Science/Foods and Nutrition from a recognized University/Institute. Applicants with M.Sc. Degree may be asked to register for deficiency course(s) as per the curriculum.
M. Tech. (FPPEM)	Applicant must have four years B.E. or B.Tech degree in Food Science/Food Technology and Management/Food Technology/ Food Process Engineering/Food Engineering/Dairy Engineering/Dairy Technology/Agricultural Process Engineering/Agricultural & Food Engineering /Agricultural Engineering / Bio Chemical Engineering / Chemical Engineering/Mechanical Engineering from a recognized University/Institute.
M. Tech. (FPOM)	B.E./B. Tech. in any discipline of Engineering from a recognized University/Institute.
M. Tech. (FSQM)	Four years Bachelor's degree in Food Science / Food Technology and Management / Food Technology/ Biotechnology/ Dairy Technology/ Dairy and Food Technology/Agricultural & Food Engineering/ Bio Chemical Engineering/ Chemical Engineering OR M. Sc. degree in Food Technology / Food Science and Technology / Microbiology / Biotechnology / Biochemistry from a recognized University/ Institute. Applicants with M. Sc. Degree may be asked to register for deficiency course(s) as per the curriculum.
M. Tech. (FSCM)	Four years Bachelor's degree or a Master's degree in any branch of Life Sciences/Agriculture/Food Sciences from a recognized University/Institute.

NUMBER OF SEATS

For Indian Nationals: 18 in each M. Tech. programme. Seat Matrix indicating reservation under different categories are as follows-

Category	GEN	OBC	SC	ST	Total
No. of Seats	9	5	3	1	18

Further, there would be three seats reserved under Physically Challenged (PC) quota (with minimum 40% disability) to meet 3% reservation which would be distributed horizontally depending upon the availability of candidates in order of ST, SC, OBC and GEN. PC of ST category will be taken as first choice and PC of General Category will be given last choice for 2014-15 roaster.

Supernumerary Seats for Foreign Nationals: 3 in each M. Tech. programme (Including one seat reserved for students from South East Asian countries and wards of Indian workers in Gulf countries).

Due reservation and concessions would be given to Kashmiri migrants as per Government of India Norms provided they mention their category in application form.

SELECTION PROCESS

The admission to M. Tech. programmes will be based on a valid GATE score (Graduate Aptitude Test for Engineers) and personal interview (30 marks). Merit list will be prepared based on valid GATE score multiplied by 0.07 (70% weightage of GATE score) and will be added to marks obtained in the personal interview. The merit list will be displayed on the NIFTEM website. After the admission of eligible GATE qualified applicants, the remaining seats, if any, will be filled by non-GATE applicants (B. E./B. Tech./M. Sc.). Non-GATE candidates would require to qualify the Common Entrance Exam (70 marks), conducted by NIFTEM at NIFTEM campus, Kundli. The non-GATE applicants may note that the Common Entrance Exam shall NOT be conducted, if all seats have been filled by GATE candidates.

Admit cards for this Common Entrance Exam may be downloaded from NIFTEM website, if the Exam is required to be held. No separate admit card will be posted. Updates can be seen on the website from time to time. Final merit will be prepared by combining the marks obtained in the Entrance Test and the Interview.

PATTERN OF ENTRANCE TEST

The written test conducted for non-GATE candidates shall consist of seventy (70) objective type 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. The test shall consist of two parts. Part-A

Admission Guidelines for M. Tech. Programme

shall contain twenty (20) questions to test the Mental Agility, English and General Knowledge of the candidate. Part-B shall contain fifty (50) questions to test candidate's knowledge base in their eligibility areas. Due to varied nature of eligibility areas, the Part-B shall consist of five sections and candidates may attempt any one of them. Broad description of each section under Part-B is given below:

Part I: Food Science & Technology, Food Engineering, Dairy Technology, Foods and Nutrition

Part II: Food Engineering, Agricultural Process Engineering, Bio Chemical Engineering, Chemical Engineering, Mechanical Engineering

Part III: Food Business Management and Entrepreneurship

Part IV: Food Science & Technology, Foods and Nutrition, Biotechnology, Microbiology, Biochemistry

Part V: Agriculture, Environmental Science, Food Science & Technology, Foods and Nutrition

SCHOLARSHIPS AND FINANCIAL SUPPORT

- Merit and merit cum means scholarships
- Fellowship worth Rs.8000 per month to GATE qualified Indian nationals
- Assistance through earn while you learn programme



Welcoming African Delegates for the
Training on Integrated Food Management:
Farm to Fork – 19th March – 2nd April 2014



Prize distribution ceremony to the
best VAP team on 26th January 2014

FEE STRUCTURE FOR M. TECH. PROGRAMME

Particulars	1st Semester	2nd Semester and onwards
	(Rs.)	(Rs.)
A) At the Time of Admission (One time)		
Institute prospectus & Enrolment Form	1500	NIL
Admission Fee	4000	NIL
Identity Card Fee	500	NIL
Institute Development Fund	6000	NIL
Hostel Development Fund	2000	NIL
Library Fund	6000	NIL
B) Tuition & Other Fee		
Tuition Fee	10900	10900
Lab Support Fee	2000	2000
Examination Fee	2000	2000
Electricity and IT Support	1500	1500
Student Activity	1000	1000
C) Security Deposit (One Time: Refundable)		
Institute Security Deposit	8000	NIL
Library Security Deposit	5000	NIL
Mess Security Deposit	5000	NIL
D) Hostel & Other amenities		
Hostel rent (Seat wise)	5000	5000
Medical Fees	1000	1000
Electricity and water Supply	2000	2000
Total	63,400	25,400

*“My latent potential was
unleashed being an active
part of NIFTEM”*

*M. Tech-FSCM student
(Prasun Shandilya)*



Admission Guidelines For Ph. D. Programmes

NIFTEM offers Ph.D. programmes in the following areas.

- a. Agriculture and Environmental Sciences
- b. Basic and Applied Sciences
- c. Food Engineering
- d. Food Business Management and Entrepreneurship
- e. Food Science and Technology

Eligibility Criteria

M. Tech. /Master Degree in a relevant discipline with at least 60% marks at Masters. Preference will be given to NET/GATE qualified candidates. Candidates can apply ONLY IN ONE DEPARTMENT.

Area of Research	Essential Qualification
Agriculture and Environment Sciences (AES)	M. Tech. in Food Science and Technology and allied areas or M. Sc. from a recognized University/ Institute in any area of Life Sciences, Agriculture, Environmental or Food Sciences.
Basic and Applied Sciences (BAS)	M. Tech. in Food Science/ Food Technology and Management/ Food Technology/ Biotechnology/ Dairy Technology/ Dairy and Food Technology/ from a recognized University/ Institute. In addition M.Sc. degree from a recognized University/ Institute in Food Technology/ Food Science and Technology/ Microbiology/ Biotechnology/ Biochemistry are also eligible for admission. Such Candidate may be required to undergo deficiency courses as per the curriculum
Food Business Management (FBM)	M. Tech. in Food Technology and Management /Food Process Engineering and Management/Food Plant Operation and Management/Food Safety and Quality Management/Food Supply Chain Management. MBA (two years program) from a recognized Indian university and a Bachelor's degree in Science/Engineering/Technology. PGDM (two years program) from a recognized institute duly approved by AICTE, provided that the institution awarding "PGDM" should be approved by Association of Indian Universities as equivalent to MBA.
Food Engineering (FE)	Applicant must have four years BE/BTech followed by two years of ME/MS/M.Tech degree in any of the following disciplines of Food Technology and Management/Food Process Engineering and Management/Food Technology/ Food Process Engineering/ Food Engineering / Dairy Engineering / Dairy Technology/ Agricultural Process Engineering/ Agricultural & Food Engineering/ Agricultural Engineering/ Bio Chemical Engineering/ Chemical Engineering/ Mechanical Engineering from a recognized University / Institute.

Area of Research	Essential Qualification
Food Science and Technology (FST)	M.Tech in Food Science / Food Technology and Management / Food Process Engineering and Management/Food Technology / Food Process Engineering / Food Engineering / Dairy Engineering / Dairy Technology / Agricultural Process Engineering / Agricultural & Food Engineering / Agricultural Engineering (with Process and Food Engineering electives) / Bio Chemical Engineering / Chemical Engineering from a recognized University / Institute. Or M. Sc. in Food Technology / Food Science and Technology/ Food Science and Nutrition, Meat Science/Meat Technology or M.V.Sc. in Animal Products Technology/Livestock Products Technology

Note: Applicants are advised to see eligibility requirements above before applying for Ph.D. Candidates appearing for final year examinations of minimum educational qualification prescribed above in 2014 may also apply. Such candidates will be admitted provisionally. They shall submit their proof of passing the qualifying examination by 31.8.2014, failing which provisional admission will be cancelled.

Number of seats

For Indian Nationals: A total of 20 seats for Indian Nationals in five areas as above. (No more than 8 seats out of these 20 shall be filled by students who have M.Tech. degree from NIFTEM).

For candidates holding JRF/SRF/Inspire fellowships, there will two additional seats in each area of research.

Each department shall have two additional seats specifically for Fellowship holders already working at NIFTEM's internally or externally funded projects including the Inspire Projects. These students will appear in the Entrance test as for other students, but will be admitted against specifically created seats if they meet the minimum eligibility criteria for Ph.D. admission and secure the qualifying mark of entrance test. These students will draw their fellowship from their respective projects and during the course work, shall not be allowed to register more than 6 credits in a semester.

Reservation of seats for OBC/SC/ST as per Govt. of India norms is provided in the following seat matrix:

Category	GEN	OBC	SC	ST	Total
No. of Seats	10	5	3	2	20

Further, there will be one seat under PC quota (with minimum 40% disability) to meet 3% reservation which would be distributed horizontally depending upon the availability of candidates.

Due reservation and concessions would be given to Kashmiri migrants as per Government of India Norms provided they mention their category in application form.

For Foreign Nationals: 3 in total (Including one student from south east countries & Indian worker in Gulf countries)

Selection Process

All candidates shall have to appear for Research Entrance Test (RET) to be organized by NIFTEM at NIFTEM campus, Kundli, followed by interview for the candidates who qualify RET. Merit list will be prepared on the basis of RET (70% weightage) and interview (30% weightage). Due weightage will be given to NET/GATE qualified candidates.

The RET shall consist of seventy (70) objective type questions of one mark each. The duration of the test will be one hour. The test shall consist of two parts. Part-A shall contain twenty (20) questions to test the Mental Agility, English and General Knowledge of the candidate. Part-B shall contain fifty (50) questions to test candidate's technical background in their eligibility areas. There shall be negative marking, and for each wrong answer, 0.25 marks will be deducted and the merit would be prepared by combining the scores of RET and interview. As mentioned earlier, due weightage will be given to NET/GATE qualified candidates for preparation of merit list.

Admit cards for Research Entrance Test (RET) may be downloaded from NIFTEM website. No separate admit card will be posted in this regard. Updates can be seen from the website time to time

For Foreign Nationals admission is based directly upon the merit and the applicants do not have to appear in the Entrance Test or Interview. The eligibility for Foreign Nationals 60% aggregate marks in the qualifying examination. For detailed guideline, applicants may refer relevant section for foreign students in this brochure.

Fee Structure for Ph.D Programme (Indian Nationals)

Particulars	1st Semester	2nd Semester and onwards
	(Rs.)	(Rs.)
A) At the Time of Admission (One time)		
Institute prospectus & Enrolment Form	500	Nil
Admission Fee	1000	Nil
Identity Card Fee	250	Nil
Institute Development Fund	500	Nil
Hostel Development Fund	500	Nil
Library Fund	500	Nil
Alumni Fee	500	Nil
B) Tuition & Other Fee		
Tuition Fee	2500	2500
Lab Support Fee	2000	2000
Examination Fee	1000	1000
Comprehensive Viva-Voce & Thesis evaluation fee of Rs. 15000/- (at the time of thesis submission)	Nil	Nil
Electricity and IT Support	1500	1500
Student Activity	500	500
C) Security Deposit (One Time Refundable)		
Institute Security Deposit	1000	Nil
Library Security Deposit	1000	Nil
Mess Security Deposit	500	Nil
D) Hostel & Other amenities		
Hostel rent (Seat wise)	500	500
Medical Fees	1000	1000
Electricity and water Supply	2000	2000
Total	26,750	15,500

SCHOLARSHIPS AND FINANCIAL SUPPORT

The NET/GATE qualified candidates selected through the above process shall be allowed to enroll for Ph.D. degree program at NIFTEM and it shall provide a NIFTEM Ph.D. Fellowship (Rs. 16,000/-, Rs.18,000/- and Rs.20,000/- per month in the first, second and third year, respectively). Those without NET/GATE shall be provided with NIFTEM Ph.D. scholarship (Rs. 12000/- per month)

Guidelines for Admission of International Students

INTRODUCTION

These rules are framed to formulate the procedure to be followed in NIFTEM for eligibility and admission of international students to various courses. Wherever these rules are found insufficient, the university will adopt the rules and regulations framed in this regard by University Grants Commission (UGC) and notified in its website www.ugc.ac.in.

GENERAL INSTRUCTIONS

- a) Admission cell, NIFTEM deals with admission and guidance of international students. All letters relating to international students should be addressed to The Head, Admission Cell, NIFTEM, Plot-97, Sector-56, HSIIDC Industrial Estate, Kundli, Sonapat District, Haryana- 131 028, India.
- b) A foreign student willing to pursue course of studies at NIFTEM, Kundli should submit their curriculum vitae clearly indicating academic achievements alongwith attested copies of academic credentials to the Head, Admission Cell, NIFTEM by post or by email to admission@niftem.ac.in/admission.niftem@gmail.com.
- c) Number of seats will normally be-
 - B. Tech. (FTM) programme:27 (Including 9 students from South East Asian countries and wards of Indian workers in Gulf countries).
 - M. Tech. Programme:3 in each Programme (Including 1 student in each Programme from South East Asian countries and wards of Indian workers in Gulf countries).
 - Ph.D. Programme:3 in total (Including 1 student from South East Asian countries and wards of Indian workers in Gulf countries).

INTERNATIONAL STUDENTS

Under these guidelines, International Students will include the following:

- Foreign Students: Candidates holding citizenship of foreign countries.
- Persons of Indian Origin (PIO): A person who or whose any of ancestors was an Indian national and who is presently holding another country's citizenship/ nationality i.e. he /she is holding foreign passport.
- Non Resident Indians (NRI): An Indian citizen who is residing outside India and holds an Indian Passport. Only those Non-Resident Indian students who have studied and passed the qualifying examinations from schools or colleges in foreign countries will be included as international students. This will include the students studying in the school or colleges situated in foreign countries even if affiliated to the Boards of Secondary Education or Universities located in India, but will not include students studying in those schools or colleges (situated in India) and affiliated to the Boards of Secondary Examinations from Boards or Universities

Guidelines for Admission of International Students

located in foreign countries as external students and dependants of NRI studying in India will not be included as international students.

Note: Entry level status of international students on entry to the country will be maintained.

ADMISSION PROCEDURE

Foreign Nationals can seek admission to various Degree Programmes under the following categories:

i) *Direct Applicants (Full Time Programme)*

The Foreign students, who wish to join under Self-financed category, are required to submit their application to the Head, Admission Cell, NIFTEM. The institute's decision after scrutinizing the applications will be communicated to the respective student/Embassy (with a copy to the student concerned).

However, in case of students from restricted countries i.e. Pakistan, Afghanistan, China, Bangladesh & Sri Lanka, the application **MUST** be forwarded through their respective Embassy.

ii) *ICCR Cultural Exchange Fellowship Programmes (Govt. Of India)*

Candidates desirous of admission under this Fellowship Programme are required to apply through the Indian High Commission/Embassy as the case may be, in their respective Countries. They will send the application to ICCR, Government of India and then ICCR will forward the application/s to our Institute for consideration. In case the applicant is found suitable for admission, admission offer letter will be sent to him/her through Indian Council for Cultural Relations (ICCR), New Delhi. Candidates are not eligible for getting any financial assistance from the Institute.

Candidates may visit ICCR website, <http://www.iccrindia.net/students.html>, for more information.

Foreign Nationals seeking admission in any one of the aforesaid categories will have to satisfy the minimum eligibility criteria for admission to the programmes as prescribed by the Institute.

ELIGIBILITY/MINIMUM QUALIFICATIONS FOR APPLYING

For Undergraduate Student:

For undergraduate study, the following minimum eligibility/qualifications should be noted.

- Subject combinations required in the 10+2 or other equivalent qualifying examinations (refer equivalence clause below) shall be as under: Physics, Mathematics and one of the subjects from Chemistry, Bio-technology, Computer Science, and Biology with 50% marks in aggregate of all subject subjects.
- The applicants Date of Birth (DOB) must fall on or after 1st October, 1989.

Guidelines for Admission of International Students

- The institution from which the applicant obtained his/her high school certificate must be accredited by the appropriate authority of his/her country.
- Since the medium of instruction at NIFTEM is English, applicants who have obtained a valid score IELTS or TOEFL score, will get preference and those without a valid IELTS or TOEFL score, shall have to pass NIFTEM English Proficiency Test (NEPT) within one week of joining to the course or else the admission shall be deemed cancelled.
- A valid Scholastic Assessment Test (SAT) score is not mandatory for admission to NIFTEM. However, students with a valid SAT score/grade will get preference.
- Application through ICCR Cultural Exchange Fellowship Programmes will be given preference.

FEES

For international students, both undergraduate and postgraduate, fees are US\$ 5,000 per semester. Mess fees will be extra as per Indian nationals.

DOCUMENTS REQUIRED FOR ADMISSION OF INTERNATIONAL STUDENTS

- a) *VISA*: All the international students will require a 'Student VISA' endorsed to this institution for joining full time courses. No other endorsement is acceptable. Students wishing to join a research program will require a 'Research VISA' endorsed to this institution. The visa should be valid for the prescribed duration of the course.

A visa is not required for NRI students. Students who are doing full time courses, in some other institutions, do not require a separate visa for joining 'Part Time courses' provided that their current visa is valid for the entire duration of the course.

- b) *No Objection Certificate*:

Students no longer require a No Objection Certificate, for joining professional courses. (This has been withdrawn by the Government of India vide letter No. F.No.33-17/2002-U.4 dated 20th August 2004.)

All International Students wishing to undertake any research work or join a Ph.D. program will have to obtain prior security clearance from the Ministry of Home Affairs and the approval of Department of Secondary & Higher Education, Ministry of Human Resource Development, Government of India and this must be on the research visa endorsed to this institute.

EQUIVALENCE CERTIFICATE FOR ELIGIBILITY QUALIFICATIONS

The qualifications required for eligibility for admission to different Courses can be checked in detail from the prospectus. Only those Students who have qualified from foreign universities or Boards of Higher Education recognized as equivalent by the 'Association of Indian Universities' (AIU) are eligible for admission. When required, a reference will be made to AIU to check the equivalence. In

Guidelines for Admission of International Students

case the University/Board is not included in the list, the candidate has to obtain and submit a certificate to this effect from AIU by paying the requisite fee.

Submission of Equivalence Certificate from AIU is mandatory for foreign nationals. For obtaining Equivalence Certificate the following AIU address may be contacted.

AIU HOUSE

16, Comrade Indrajit Gupta Marg, New Delhi 110002, India.

Phones: (91) -11-23230059, 23232429, 23232305,

Fax: (91)-11-23232131

E mail: info@aiuweb.org; aiu@del2.vsnl.net.in,

Website: <http://www.aiuweb.org>

STEPWISE PROCEDURE FOR ADMISSION OF INTERNATIONAL STUDENTS

The procedure for admission is given below:

Step 1:

- a) Interested International students must read the admission brochure carefully before applying to NIFTEM. Admission brochure may be obtained online after 4th April, 2014 from NIFTEM website www.niftem.ac.in.
- b) International students should submit their curriculum vitae (as per attached format at Annexure-II) clearly indicating their academic achievements alongwith self-signed copies of the following documents to the Head, Admission Cell, NIFTEM, Plot No. 97, Sector 56, HSIIDC Industrial Estate, Kundli – 131 028, District: Sonapat, Haryana, India by post or by email to admission@niftem.ac.in or admission.niftem@gmail.com. For submitting through email, all documents must be scanned in PDF format and named as indicated by bold letter in the document list below before attachment. Application either by post or by email must reach Admission Cell on or before 15th May, 2014.
 - ✓ Scanned copy of the Curriculum Vitae after putting signature of both applicant and parent/legal guardian in each page. (PDF format)
 - ✓ Proof of date of birth (DOB). (PDF format)
 - ✓ Certificate and Mark-sheet of qualifying examination. (Mark-Sheet/Degrees in a language other than English should be got translated into English) (PDF format)
 - ✓ Equivalency certificate issued by AIU. (PDF format)
 - ✓ Copy of passport for foreign citizens, wherever applicable. (PDF format)
 - ✓ Dual citizenship card for PIO, wherever applicable. (PDF format)

Guidelines for Admission of International Students

- ✓ NRI status certificate, wherever applicable. (PDF format)
 - ✓ A brief essay of 300 words (approximately) stating the reason/s why she/he seeks admission to NIFTEM and the purpose of study. (PDF format)
 - ✓ Softcopies of passport size photograph. (JPG format)
- c) Two letters of Recommendation to be enclosed in sealed covers certifying candidate's merit and character, must reach Admission Cell, NIFTEM before the candidate reports for final admission.
- d) This should be done well in time, so that the student is able to obtain the VISA and NOC before the due date of admission.

Step 2: The Admission Cell after checking the eligibility criteria and other relevant information will inform the applicant by email and/or web notification by 31st May, 2014. Now, the applicant will request for 'Provisional Admission Offer Letter' along with online (RTGS/NIFT) payment of non refundable advance amount, worth 10% of the total annual fees, i.e. US\$ 1000. This should be done well in time, so that the student is able to obtain the VISA and NOC before the due date of final admission i.e., 25th July, 2014 for all programmes

Step 3: Submit the 'Provisional Admission Offer Letter' to the Indian Embassy of the respective country for obtaining the 'VISA'.

Step 4: Report at Admission Cell, NIFTEM. Submit all above mentioned documents (in original along with the self-attested photocopies) and get them verified by the Head, Admission Cell. The original certificates will be returned to the students immediately after making an endorsement to this effect.

Step 5: Students are required to undergo the medical fitness examination (at NIFTEM) and get the medical fitness certificate. As per government rules all international students entering India on 'Student VISA' have to be tested for HIV and will not be given admission, if found to be positive. They are also required to produce HIV test report to the Doctor. All international students will be required to pay medical fees of US\$ 50, which includes the medical insurance cover for the first year. For subsequent years the medical insurance fees will be same as for other Indian students and is included in other fees.

Step 6: Admission of International/PIO/NRI students will be confirmed after verification of original certificates, medical fitness test and payment of required fees. Even after the admission, at any stage if it is noted that the qualifying Degree/ Certificate is not recognized by AIU, the admission of the candidate will be cancelled. Withdrawal of admissions/ refund of fees cases will be dealt as per the guidelines of NIFTEM in this regard.

Step 7: Within a week of arrival in India, students are required to register their names with the police in the 'Foreigner Regional Registration Office (FRRO) and submit a proof of such registration to the Admission Cell.

DISCIPLINE

The International Students will abide by all the rules of the University and code of conduct as applicable to Indian students undergoing the same course. Anti social and anti- national activities, misbehaviour, violence and unethical activities involving international students will be dealt in accordance with state and central laws that are in force. NIFTEM will not take any responsibility for any criminal or non-criminal acts committed inside or outside the campus by the international students.

RAGGING

NIFTEM follows a zero tolerance policy with regard to any form ragging in the campus. We strictly comply with the Supreme Court of India order –Curbing Ragging in Educational Institutions. Students involved in ragging will be immediately suspended, enquiry conducted to its logical conclusion, punishment meted out after the approval of the recommendation of the disciplinary committee by the competent authority.

SCHOLARSHIP

Foreign Students admitted under direct applicant category (refer description at Admission Procedure under this section) are eligible to get 'merit' scholarship/'earn-while-learn' assistantship as per the prevailing norms.

EXAMINATION AND AWARD OF DEGREES

The procedure for examination, payment of examination fees, issue of marks sheet, issue of passing certificates and award of degrees will be same as for the Indian students doing same courses.

GENERAL NOTES

- a) Candidates admitted to any course in this University shall not be eligible to pursue simultaneously any other full-time course in this or in any other University.
- b) If the applicant has passed the qualifying Exam where grades are awarded and where the grade sheet does not mention the equivalent percentage of marks from grade points, the candidate should submit such a certificate of conversion from the concerned Institution mentioning either the converted percentage, or the formula for the actual conversion of grade point average to percentage of marks.
- c) If the applicant has passed the qualifying Exam where grades are awarded and where the Grade sheet itself mentions the equivalent percentage of marks from the grade points, or the formula for such conversion, the candidate should get both sides of the Degree/ Grade Sheet photocopied showing the equivalent percentage of marks / conversion formula and enclose with the Application Form.

Guidelines for Admission of International Students

- d) "Aggregate percentage of marks" does not include grace marks awarded to candidate.

WORD OF CAUTION

- a) Admission of various programmes will be subject to verification of facts as in the original certificates/ documents of the candidates. In case any discrepancy is noticed, even at a later point of time after, the University reserves all rights to cancel the admission and such a decision shall be final and binding on the candidate(s).
- b) It is the responsibility of the candidates to ascertain whether they possess requisite qualification for admission.
- c) If the candidate(s) furnish the mark sheets of the qualifying examination only in GRADES, the minimum marks pertaining to the grade obtained in the course will be taken into consideration while determining the marks.
- d) The admission offered to a candidate who has been provisionally admitted to a programme will stand cancelled if he/she does not submit the relevant documents in original pertaining to admission (such as Marks Sheet, Date of Birth Certificate, Letter of Recommendation etc.) in the Academic Cell before the stipulated date.

CONCLUSION

The above rules will be applicable for admissions. In case, there are any differences on the interpretation of rules then the decision of the competent authority of University will be final. The fees are liable to revision and students will have to pay the revised fees as and when applicable. On the points not specifically covered, the decision of the university authority will be final.



Important Dates

A. Online Application Start and Close dates for Indian Nationals

Programme	Start Date	Close Date
B. Tech.	02.04.2014	20.06.2014
M. Tech.	02.04.2014	20.06.2014
Ph. D.	02.04.2014	30.05.2014

B. Entrance Test and Interview for Indian Nationals

Programme	Entrance Date	Interview date
M. Tech (Non-GATE)	If required, will be notified on website after 08.07.2014	
M. Tech. (GATE)	-	02.07.2014
Ph. D.	10.06.2014	11.06.2014

C. Merit Notification for Indian Nationals

Programme	Date
B. Tech.	11.07.2014
M. Tech. (GATE)	02.07.2014 (evening)
Ph. D.	20.06.2014

D. Counselling for Indian Nationals

Programme	First Counselling	Second Counselling
B. Tech.	15.07.2014	17.07.2014
M. Tech. (GATE)	03.07.2014	08.07.2014
Ph. D.	30.06.2014	-

Note: Third counseling for B. Tech. and M. Tech., if required, will be notified later.

E. Important dates for Foreign Nationals

- Receipt of Application (C.V) and documents (By post or email): May 15, 2014.
- Issue of Provisional Admission letter: May 31, 2014.
- Reporting for Admission: July 25, 2014.
- NIFTEM English Proficiency Test (NEPT): if required, to be notified later

**FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR APPOINTMENT TO POSTS /
ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER
THE GOVERNMENT OF INDIA**

(This certificate must be issued on or after 1st April, 2014)

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.

Shri/Smt./Kum. _____ and/or his 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.

Dated:
Seal

District Magistrate/
Deputy Commissioner, etc.

NOTE:

- (a) The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
- (b) The authorities competent to issue Caste Certificates are indicated below:
 - (i) District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / 1st Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of 1st Class Stipendiary Magistrate).
 - (ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
 - (iii) Revenue Officer not below the rank of Tehsildar and
 - (iv) Sub-Divisional Officer of the area where the candidate and / or his family resides.

OBC Undertaking

Declaration/undertaking - for OBC Candidates only

I, _____ son/daughter of Shri _____ resident of village/town/city _____ district _____ State hereby declare that I belong to the _____ community which is recognised as a backward class by the Government of India for the purpose of reservation in services as per orders contained in Department of Personnel and Training Office Memorandum No.36012/22/93- Estt. (SCT), dated 8/9/1993. It is also declared that I do not belong to persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the above referred Office Memorandum, dated 8/9/1993, which is modified vide Department of Personnel and Training Office Memorandum No.36033/3/2004 Estt.(Res.) dated 9/3/2004. I also declare that the conditions of status / annual income for creamy layer of my parents / guardians is within prescribed limits as on financial years ending on March 31, 2014.

Place:

Signature of the Candidate

Date:

Declaration/undertaking not signed by Candidate will be rejected

CURRICULUM VITAE
(for international students only)

Annexure-II

PERSONAL DETAILS

Name :
Sex :
Date of Birth :
Nationality :
Address for Correspondence :
E-mail ID :
Telephone No. :

EDUCATIONAL DETAILS

Please provide educational details in descending order:

S.No.	Name of School/ College	Degree	Name of Board/ University	Year of Passing	Medium of instruction	Subjects /major areas	Marks Obtained	Percentage	Grade

(Please use additional page, if required)

RESEARCH EXPERIENCE (if any):

In descending order

S.No.	Name of Institute	Period		Nature of Work

(Please use additional page, if required)

SPECIAL ACADEMIC ACHIEVEMENTS (IF ANY):

Date:
Place:

(Signature)

FOREIGN EXCHANGE PROGRAM-2013-14

B. Tech. Students who visited University of Nebraska-Lincoln, USA



Shruti
Aravindakshan



Sibali Mitra



Kriti Arora



Sonvy Gupta



Onkar Partik



Amit Kumar Rai



Saubhagya Sapra



Rajat Kumar

M. Tech. Students Who visited University of Nebraska-Lincoln, USA



Aurav Aggarwal



Joyti Prakash



Jasdeep Kaur

FOREIGN EXCHANGE PROGRAM-2013-14

M. Tech. Students Who visited Kansas State University, USA



Hitesh Jethani



Aseem Prashar



Shanmuga Sundaram



Alina Mookherjee

M. Tech. Students Who visited University of Saskatchewan, Canada



Chinju Paul



Pooja Yadav



National Institute of Food Technology Entrepreneurship and Management

Deemed to be University (De-novo Category) under section 3 of UGC Act, 1956 and

An Autonomous Institution under Ministry of Food Processing Industries, GOI

Plot No. 97, Sector 56, HSIIDC Industrial Estate, Kundli, District- Sonapat, Haryana-131028. Phone: 0130-2219759/63

Website : www.niftem.ac.in