

NIFTEM-K

NEWSLETTER

Vol. 2 , Issue 3, July - Sep 2025



NEWSLETTER

Scan to Register

National Institute of Food Technology Entrepreneurship and Management, Kundli - India

An Institute of National Importance under MoFPI, Government of India

From the Desk of Director

Our young guns go blazing

This quarter truly belonged to our students who not only brought laurels for themselves but made all of us at NIFTEM-K proud with their die hard spirit and sheer commitment to make it big. Our II year BTech students who had started a venture named “Aromae” while they were in their Ist year shows the hunger to excel and appetite to push boundaries. They have now launched their healthy and tasty energy bars in the open market and have secured bulk orders too. Our two talented students secured third place at IIM Bangalore’s Fit-for-B Case Competition, standing out among 923+ teams nationwide. Our talented and committed students raise the bar, wherever they go and compete with the best of the lot, be it the students from IITs, IIMs, IIITs NITs or IISc and IISERs. This truly shows the character and upsurge of a “NEW NIFTEM”. I don’t know if this new NIFTEM is born or has evolved but this is amazingly shaping up us a “NIFTEM of my dreams”. The AAGMAN of 188 BTech, 82 MTech, 31 MBA including Executive MBA and 58 PhD students during July-August 2025 shows that the NIFTEM family is growing each year. The Institute for the first time started the PhD programme for the Executives working with food and allied sector or the Start-ups who wish to extend their

Academic careers. The Institute admitted 14 Industry nominated candidates from Corporates like ITC, Britannia, AMUL, Hexagon Nutrition, etc. Needless to mention that our Industry connect is now actually growing and yielding results. The Institute did fairly well with our internships and placement initiatives with 72 companies coming forward for a campus internship and placement drive this year.

An exquisite display of our machinery, state of art technologies, healthy and palatable products, our new “Design your own Super Thali”, and rapid food testing kits were the star attractions in the NIFTEM pavilion during the fourth edition of World Food India (WFI-2025). We are trying to improve our image and visibility with our presence at each WFI event and that was quite evident with a footfall of more than 1500 people at our pavilion, many of whom have shown interest in connecting with us for long term strategic business relationship. The buck didn’t stop here and the themes, such as sustainability, food safety, precise nutrition, displayed through our working models and innovative products displayed at the MoFPI pavilion stole the real show. Number of MoUs getting signed with food sector companies and reputed Academic and Research Institutes and transfer of technologies to food companies, start-ups and entrepreneurs was another highlight of our powerful show during WFI-2025. The Institute has been quite consistent with its research publications, filing of patents and development of technologies. This quarter also saw the Institute organizing several training programmes, workshops, meetings and hosting delegates and visitors. For the first time, the Institute organized a three day Management Development Programme which saw the presence of 20 Executives working with eight different companies across India. To my mind, the growth trajectory of any Academic and Research Institute can be gauged through its Admissions, Internships and Placements, Research output and improving Entrepreneurial environment and the Institute did fairly well on all these fronts. In absolute terms, this was quite an eventful quarter for the Institute.

I am pretty much hopeful that you will find the Newsletter informative. Happy reading till we come back again with some new, insightful and interesting updates.



Dr. Harinder Singh Oberoi
Director (NIFTEM-K)

NEWS AND EVENTS

Inauguration of Capacity Building Center (CBC) at Patna, Bihar

The Hon'ble Union Minister for Food Processing Industries, Shri Chirag Paswan, inaugurated the Capacity Building Center (CBC) at Patna, Bihar on 30th September 2025. This is a significant milestone for India's food processing ecosystem. Coordinated and managed by PMU-PMFME, NIFTEM-K, the center aims to empower food entrepreneurs, particularly in Eastern India. The event was graced by eminent dignitaries including Shri B Kartikeya Dhanji, Secretary, Department of Industries, Government of Bihar; Shri Shyam Singh Negi, Senior Economic Advisor; Shri Preet Pal Singh, Joint Secretary, MoFPI; Dr Harinder Singh Oberoi, Director, NIFTEM-K, and other officials, entrepreneurs, and stakeholders. The CBC will facilitate the growth and formalization of micro enterprises, start-ups, SHGs, and FPOs through training in food safety, hygiene, and quality standards, as well as assistance in DPR preparation, credit linkage, branding, and marketing. Earlier, at a CII-FACE event, the Hon'ble Minister also released a booklet on Take Home Ration (THR), a collaborative nutrition initiative led by NIFTEM-K, GAIN, Jeevika, and Nidaan.



Activities at NIFTEM Regional Centre, Hajipur

NIFTEM Regional Centre, Hajipur organized one-day training program on biscuit processing at Hajipur. The training empowered 25 prospective women participants with key skills in food processing, fostering self-employment and women's empowerment.



Training Programme at Hajipur, Bihar

Visit of Dr Markus Veen, Managing Director Focus Foodlabs GmbH

The delegation, comprising Dr Markus Veen, Managing Director, Focus Foodlabs GmbH, Germany; Mr P K Hissaria, Managing Director; Mr Rajeev Hissaria, Manager, International Marketing; and Dr K L Apna of Sunita Hydrocolloids Pvt. Ltd., engaged in insightful discussions with Director, NIFTEM-K, on emerging trends in food processing and potential avenues for collaboration. The distinguished members explored our state-of-the-art facilities - Centre of Excellence in Food Fortification, Centre for Food Research and Analysis, and pilot plants - experiencing NIFTEM-K's commitment to innovation and industry-driven research.



Director, NIFTEM-K greets Shri Avinash Joshi, IAS, on his appointment as Secretary, MoFPI, GoI



Director, NIFTEM-K congratulated Shri Avinash Joshi, IAS, on his appointment as Secretary of the Ministry of Food Processing Industries (MoFPI) Government of India. His extensive experience and vision will undoubtedly contribute to significant growth in the food processing sector. We at NIFTEM-K look forward to his guidance and mentorship in transforming the food sector through innovations, cutting edge research and participation of all the stakeholders.

Director, NIFTEM-K meets Shri Avinash Joshi, Secretary, MoFPI, GoI

Visit of Director, NIFTEM-K to Embassy of Netherlands, New Delhi

In a significant step toward strengthening global ties and fostering international collaboration in food science and technology, and innovation, Director, NIFTEM, Kundli, visited the Embassy of Netherlands in New Delhi. During this impactful diplomatic exchange, he met with Her Excellency Ms Marisa Gerards, Ambassador of the Netherlands to India, Nepal & Bhutan, and Mr Michiel van Erkel, Agriculture Counsellor, Embassy of Netherlands in India. The discussions revolved around multiple strategic avenues of cooperation aimed at reinforcing Indo-Dutch relations in the agri-food sector including recognition of NIFTEM-K's Food Testing Laboratory (CFRA) as a center of excellence by Netherlands Food Regulatory Agency, renewal of MoU with Wageningen University & Research (WUR) and strengthening faculty and student exchange programs



Director NIFTEM-K with Her Excellency Ms Marisa Gerards, Ambassador of the Netherlands to India, Nepal & Bhutan, and Mr Michiel van Erkel, Agriculture Counsellor, Embassy of Netherlands in India

Meeting of Director, NIFTEM-K, with Chairperson, PPVFRA and Secretary, DARE & DG-ICAR

Dr Harinder Singh Oberoi, Director, NIFTEM-K, met Dr Trilochan Mohapatra (Chairperson PPVFRA former Secretary, DARE and DG, ICAR) and Dr Mangi Lal Jat (Secretary DARE & DG-ICAR) in New Delhi to strengthen research collaboration in health-focused areas like probiotics, nutrigenomics, and gut health. Discussions included an MoU of NIFTEM-K with ICAR for joint R&D initiatives on collaborative research in different areas related to post-harvest technology and food processing, developing industry ready raw agricultural produce, and industry-driven innovations, reinforcing NIFTEM-K's role in linking academia, agriculture, and industry.



Dr Harinder Singh Oberoi with Dr Trilochan Mohapatra (Chairperson PPVFRA)



Dr Harinder Singh Oberoi with Dr Mangi Lal Jat (Secretary DARE & DG-ICAR)

Beginning of New Academic Year 2025–26

NIFTEM-K began its Academic Year 2025–26 with a vision to “Innovate, Create, and Elevate”. through its vibrant induction ceremony, “Deeksharambh 2025–26” welcoming B.Tech, M.Tech, MBA, and PhD students to a transformative journey in food science research and entrepreneurship. The ceremony featured inspiring addresses by eminent dignitaries including Dr Subrata Gupta, Former Secretary, MoFPI, and Padma Shri awardee Dr G D Yadav, National Science Chair and former Vice Chancellor, Institute of Chemical Technology (ICT), Mumbai and Dr Harinder Singh Oberoi, Director, NIFTEM-K.



Deeksharambh 2025-26

Break the Ice: Deeksharambh Concludes with Celebration & Sportsmanship

The Deeksharambh, a two weeks orientation program for newly admitted B.Tech students at NIFTEM-K concluded on a vibrant note with the Break the Ice event on 29th August 2025, bringing students together through engaging performances, fun interactions, and creative expressions. On the eve of National Sports Day, the much-awaited National Sports Showdown (NSS) 2025 was also inaugurated, igniting the spirit of teamwork, competition, and fitness among students. The event beautifully combined cultural vibrancy with the energy of sports, making it a memorable start for our new batch as they embark on their journey at NIFTEM-K. NIFTEM-K's vision is nurturing leaders with confidence, collaboration, and resilience.



Faculty Orientation Programme on Engaging Classrooms

In a step forward toward fostering transformative learning NIFTEM-Kundli hosted an impactful Faculty Orientation Programme on 26th July 2025, centred around the theme “Engaging Classrooms: Building Meaningful Faculty-Student Connection for Enhanced Learning.” This initiative aimed to strengthen the academic ecosystem by empowering faculty members with tools to create more interactive, empathetic, and student-centered learning environments. The program emphasized the role of emotional intelligence, communication, and mindfulness in teaching, underscoring how deeper faculty-student engagement can unlock better learning outcomes and personal growth. The event was graced by insightful sessions from esteemed speakers like Sister BK Parul from Brahma Kumaris, Prof Hamendra Dangi from Delhi School of Economics and Smt Maninder Sachdev, a renowned corporate trainer.



Director NIFTEM-K & faculty members during the orientation programme

Empowering Food Safety with Advanced Analytical Training at NIFTEM-K

NIFTEM-K, in collaboration with Agilent Technologies, successfully organized a two-day intensive hands-on training program titled “Quantification of Ethylene Oxide and 2-Chloroethanol in Various Spices by GC-MS/MS”, during 22nd - 23rd July 2025.

This specialized initiative was designed to strengthen technical proficiency in advanced analytical methodologies, thereby contributing to the development of safer and higher-quality food systems through precise testing and research excellence.

NTIBIF–MBMA Join Hands to Drive Rural Innovation & Food Tech Empowerment

NIFTEM-K's incubation centre, NTIBIF, has entered into a Memorandum of Understanding with the Meghalaya Basin Management Agency (MBMA) to advance rural innovation and food technology in the state of Meghalaya. The MoU was signed in the presence of Hon'ble Chief Minister Shri Conrad Sangma. The collaboration will promote joint research, capacity building, technology transfer, entrepreneurship, and market integration to empower rural communities and foster sustainable development.

AAGMAN 2025 – Inspiring Leadership, Marketing Excellence & Sustainable Growth at NIFTEM-K

NIFTEM-K hosted AAGMAN on 25th July 2025, a special session dedicated to exploring Sustainable Excellence and Marketing Dimensions, aimed at equipping students with forward-thinking insights and leadership perspectives. The event featured inspiring sessions by distinguished speakers like Dr Seema, Dr Navneet Arora, Mr. Sanjay Shrotriya and Dr Kulvinder Kaur covering topics like art of branding and storytelling, sustainable excellence, and dynamics of marketing and communication and digital marketing.



NIFTEM-K hosted Professor V Ramgopal Rao, Chairperson, BoG, NIFTEM-K

NIFTEM-K had the privilege of hosting Professor (Dr) V Ramgopal Rao, Chairperson of the Board of Governors, Group Vice Chancellor of BITS Campuses, and former Director, IIT Delhi on 18th August 2025. He chaired the 11th BoG meeting and engaged in strategic discussions, faculty interaction, and a plantation drive, reinforcing NIFTEM-K's commitment to sustainability, innovation, leadership, and excellence in different facets of food science and entrepreneurship.



NIFTEM-K & Danone India join hands

NIFTEM-K and Danone India signed a Non-Disclosure Agreement on 1st September 2025 to collaboratively address the critical issues of iron and protein deficiencies in India. The partnership launched the initiative Health Through Food: Smart Nutrition for Health with Innovation which aimed at promoting iron intake, integrating protein into daily diets, and encouraging healthier lifestyles, thereby advancing sustainable, science-based nutrition during National Nutrition Month.



NIFTEM-K Showcases Ground breaking Innovations at World Food India 2025, Signs Strategic MoUs to Accelerate Industry Adoption

KEY MEETINGS & VISITS

Meeting with Shri Chirag Paswan, Union Minister, MoFPI, GoI

Dr H S Oberoi, Director, NIFTEM-K, had the privilege of meeting the Union Minister for Food Processing Industries, Shri Chirag Paswan Ji, in New Delhi. The meeting was marked by a warm invitation extended to the Hon'ble Minister for the upcoming Convocation Ceremony, which also coincided with the celebration of the Institute's Foundation Day. Dr Oberoi also shared updates on World Food India (WFI) preparations and highlighted key discussions on new proposals submitted to the Ministry aimed at strengthening research, innovation, and industry partnerships in the food processing sector.



Director, NIFTEM-K with Shri Chirag Paswan, Union Minister, MoFPI, GoI

Meeting with Professor Ajay Kumar Sood, Principal Scientific Adviser to the Government of India

Dr Harinder Singh Oberoi, Director, NIFTEM-K, had the honor of meeting Professor Ajay Kumar Sood, Principal Scientific Adviser to the Government of India, to discuss NIFTEM-K's commitment to advancing food technology, research, and innovation. Their interaction focused on the growing research momentum under the Government of India's ANRF (Anusandhan National Research Foundation) scheme, which is empowering scientific organizations to pursue collaborative, cutting-edge research. Dr Oberoi shared NIFTEM-K's ongoing efforts to establish new Centres of Excellence dedicated to advanced research in frontier domains such as Nanosciences, Nutrigenomics, Precision Fermentation, Bioprocessing and Biovalorization, Alternate Proteins and Advanced digital technologies in Food Processing. The discussion also highlighted the immense potential in agri-food systems to reduce post-harvest losses, enhance processing and value addition, and drive new product development through scientific innovation. Dr Oberoi also extended a formal invitation to the Principal Scientific Adviser to grace the upcoming convocation at NIFTEM-K.



Director, NIFTEM-K with Prof Ajay K Sood, PSA to the GoI

Hosting Shri Sushil Sarwan, IAS, Deputy Commissioner, Sonapat

NIFTEM-K had the privilege of hosting Shri Sushil Sarwan, IAS, Deputy Commissioner, Sonapat, who visited the campus and was warmly received by our Director Dr Harinder Singh Oberoi. During his visit, DC Sonapat visited the state-of-the-art facilities and appreciated the humanitarian initiatives taken by NIFTEM-K, especially the preparation of flood relief food packets enriched with nutrition and health benefits. These food packets were distributed to flood-affected areas across Sonipat and Punjab, ensuring communities in need receive safe and wholesome food in challenging times.



Director, NIFTEM-K with Shri Sushil Sarwan, Deputy Commissioner, Sonapat

Professor V Ramgopal Rao, Chair BoG, NIFTEM-K met Shri Avinash Joshi, Secretary, MoFPI



BoG Chair, NIFTEM-K & Director, NIFTEM-K with Secretary MoFPI

Professor V Ramgopal Rao, Chair BoG, NIFTEM-K and Dr Harinder Singh Oberoi, Director, NIFTEM-K met Shri Avinash Joshi, Secretary, MoFPI, and engaged in a meaningful discussion on shaping the roadmap for the next ten years for the Institute. The focus areas included skill & entrepreneurship development, launch of the start-up initiative through NIFTEM, and ensuring greater functional autonomy for impactful growth.

Meeting Shri Rajit Punhani, CEO, FSSAI, at his office in New Delhi

NIFTEM's Director, Dr Harinder Singh Oberoi, extended a warm welcome to Shri Rajit Punhani, who has recently taking over as CEO, FSSAI and engaged in meaningful discussions on avenues where NIFTEM-K and FSSAI can collaborate to enhance food safety, quality standards, and innovation in India's food ecosystem.



Director, NIFTEM-K with Shri Rajit Punhani, CEO, FSSAI

Meeting with Dr V K Paul, Member, NITI Aayog

Director, NIFTEM-K met Dr V K Paul, Hon'ble Member, NITI Aayog. The discussions centered on developing palatable and nutritious products to tackle anaemia, especially among adolescent girls and women. Innovative solutions like energy-dense foods fortified with iron and essential vitamins were highlighted as potential game changers. The dialogue also touched upon enhancing the palatability of THRs (Take Home Rations) and exploring collaboration between NIFTEM-K and ICMR in research on AMR (Antimicrobial Resistance).

Meeting with Colonel Anoop Rawat, Commanding Officer, 12 NCC



Meeting with CO, 12 NCC

NIFTEM-K extended a warm welcome to Colonel Anoop Rawat, Commanding Officer, 12 NCC. During an enriching interaction with Director, NIFTEM-K, discussions focused on exploring new avenues to strengthen NCC's engagement at the institute. Key areas included fostering leadership development, promoting community service initiatives, and creating opportunities that nurture discipline, teamwork, and a strong spirit of nation-building among our students.

CELEBRATIONS

14 से 28 सितंबर 2025 के दौरान संस्थान में हिंदी पखवाड़ा का आयोजन

14 से 28 सितंबर 2025 के दौरान संस्थान में हिंदी पखवाड़ा का आयोजन किया गया। पखवाड़े के शुरुआत में संस्थान के संकाय सदस्यों, अधिकारियों, कर्मचारियों एवं छात्र छात्राओं को निदेशक डॉ हरिंदर सिंह ओबेरॉय ने सभी से भारत सरकार द्वारा क क्षेत्रों हेतु निर्धारित लक्ष्यों को प्राप्त करने तथा सभी को हिंदी में काम करने पर बल दिया गया। अन्य राज्यों आए छात्रों को भी हिंदी सीखने एवं उत्तर भारतीयों को अन्य राज्यों की भाषा सीखने हेतु प्रोत्साहित किया गया। निदेशक, डॉ हरिंदर सिंह ओबेरॉय ने बताया कि अन्य राज्यों के बहुत से विद्वानों ने हिंदी के विकास में महत्वपूर्ण भूमिका अदा की हैं। पखवाड़े के दौरान हिंदी के प्रचार प्रसार और प्रोत्साहन हेतु टिप्पणी लेखन, पत्र लेखन, वाद विवाद, कविताएं, निबंध लेखन, कार्यशाला आदि प्रतियोगिताएं आयोजित की गई तथा उत्कृष्ट प्रदर्शन करने वाले कर्मचारियों एवं छात्र छात्राओं को पुरस्कार एवं प्रशस्ति पत्र से पुरस्कृत किया गया।



MEMORANDUM OF UNDERSTANDING

NTIBIF Institutionalized as NIFTEM-K's Industry Interface

An MoU was signed between NIFTEM-K and NTIBIF to formalize the arrangement for institutionalization of NTIBIF as the interface for Private sector funded Research and Consultancy projects at NIFTEM-K and support services for Technology Transfer. The collaboration leverages NTIBIF's agility to enhance operational efficiency, drive seamless project execution and expedite the dissemination of innovations emerging from NIFTEM-K with a more customer centric approach.

NIFTEM-K & Almond Board of California (ABC), USA – India Liaison Office

MoU between NIFTEM-K and Almond Board of California (ABC), USA – India Liaison Office was signed on 13th August 2025 at NIFTEM campus in Kundli, Haryana. This strategic partnership aims to foster collaborative research on innovative approaches in almond utilization, bringing together global expertise and cutting-edge technologies. The MoU was signed by Dr Harinder Singh Oberoi, Director, NIFTEM-K and Mr Sudarshan Mazumdar, Director – India, South Korea & Japan, Almond Board of California



NIFTEM-K signs MoU with Almond Board of California

MoU with Thermo Fisher Scientific



NIFTEM-K signs MoU with Thermo Fisher Scientific

NIFTEM-K signed once a significant step towards a stronger food safety ecosystem with the signing of a Memorandum of Understanding (MoU) with Thermo Fisher Scientific. This landmark partnership, formalized by Dr Harinder Singh Oberoi, Director, NIFTEM-K and Mr. Abhishek Gupta, Director- CMD, Thermo Fisher Scientific began with advanced Gas Chromatograph system provided by Thermo Fisher Scientific to NIFTEM-K free of cost for research, demonstration, and training.

NIFTEM-K's PARTICIPATION IN NATIONAL EVENTS

World Food India 2025

NIFTEM-K made a resounding impact at the fourth edition of World Food India 2025 (WFI-2025), held from September 25–28, 2025, by unveiling a vibrant Thematic Pavilion. The pavilion highlighted NIFTEM-K's cutting-edge research, industry-ready technologies licensed to corporate start-ups and other stakeholders, and innovative food solutions aimed at transforming India's food processing sector.

With a strong focus on sustainability, nutrition, and industrial scalability, the pavilion attracted an impressive footfall of over 1,500 visitors, including industry leaders, policymakers, researchers, startups, and entrepreneurs. NIFTEM-K's showcase served as a bridge between research and real-world application.



A significant highlight of WFI-2025 was the signing of Memorandum of Understanding with prominent industry partners, academic institutions, and research organizations. The signing ceremony took place in the esteemed presence of Shri Avinash Joshi, Secretary, MoFPI, GoI. Dr Harinder Singh Oberoi, Director, NIFTEM-K, exchanged MoU documents with esteemed partners, such as the Quality Council of India, The Good Food Institute, Almond Board of California, Danone India, and Clear Meat Pvt. Ltd., marking a strategic push toward enhanced industry-academia collaboration. In a move toward commercialization and industry outreach, seven innovative food technologies were licensed to companies including RDZ Bakery, Hexagon Nutrition Ltd., ARF Life Sciences, Crop Pure Pvt. Ltd., Yes Bee Foods Pvt. Ltd., Interlink Foods, and Jiwanmitra Nutraceuticals Pvt. Ltd. These product include millet-based premixes, functional RTE products, food testing kits, and value-added health foods aligning with national initiatives like Make in India and Startup India.



The NIFTEM-K Pavilion featured over 130 novel products and prototypes, categorized into nutritional, indigenous, functional foods, and millet- and dairy-based innovations. A unique "NIFTEM Alphabet Display" creatively showcased innovations representing each letter of the institute's name. Among the attraction, a Virtual Thali Experience offering a balanced diet comprised of NIFTEM-K's innovative products, giving visitors a visual and nutritional understanding of healthy food combinations. A 360-degree Virtual Campus Tour, provided an immersive digital experience of NIFTEM-K's academic and research infrastructure. A live food counter was set up, where visitors could taste millet-based & many other healthy ready-to-eat products, demonstrating the Institute's commitment to consumer acceptance and real-world application of its food innovations. Among the standout innovations were functional foods for gut health featuring prebiotics and probiotics, and non-thermally processed camel milk products offering high nutritional value with improved shelf life. Additionally, NIFTEM-K's technical strengths were prominently featured at the MoFPI Pavilion, showcasing its expertise in 4D food printing, bioprocessing, and rapid testing kits-further underlining its role in driving national advancements in food science and technology.

Participation in CII International Food Processing Summit-2025

NIFTEM-K participated in the CII International Food Processing Summit on 6th August in New Delhi. Dr Harinder Singh Oberoi, Director, NIFTEM-K delivered a keynote address emphasizing the theme "We are what we eat," He advocated for sustainable food systems, on-farm processing, and diet diversity through innovations like the "Super Thali," approach reinforcing NIFTEM-K's commitment to health, sustainability, and food innovation.



FACULTY PARTICIPATION IN CONFERENCES AND SEMINARS

- Ms. Purnima Kumari, PhD Scholar & Dr Anupama Singh, Professor, Department of Food Engineering presented a paper on Valorisation of Damaged Pearl Millet Hydrolysate for Sustainable PHB Production: Process Optimisation through Strain Selection and Fermentation Parameter in International Conference (Online) entitled Rethink Food Resources, Losses, and Waste (RETASTE-2025) from 24th to 27th September 2025 organized by Hellenic Mediterranean University, Greece.

FACULTY PARTICIPATION IN INDUSTRY VISITS, SESSIONS & TRAININGS

During the quarter, NIFTEM-K, faculty actively engaged in a series of academic and industry events, showcasing its commitment to innovation and leadership including 6 events (4 invited lectures, training programs, 1 capacity building programme, and 1 exhibition) like NICESAMANVAY – India's Cultural Entrepreneurship Summit in Bangalore, Nurturing Future Leadership at IIM Jammu and the PackPlus Exhibition at Pragati Maidan, New Delhi.

[Click the link to access detailed information](#)

MDP, WORKSHOPS AND TRAININGS ORGANIZED

NIFTEM-K continues to strengthen its position as a hub of innovation, capacity building, and knowledge dissemination through a series of specialized training programs, expert lectures, workshops, and webinars. During this quarter NIFTEM-K organized 10 important workshops on critical areas such as data analytics, brand management, sustainable food systems, entrepreneurship, women's safety awareness, and global communication skills. The programs brought together industry leaders, academicians, and professionals to bridge the gap between theory and practice, equipping participants with technical proficiency, strategic thinking, and leadership abilities relevant to the evolving agri-food ecosystem.

NIFTEM-K Hosts First MDP on Data-Driven Decision Making

NIFTEM Technology Incubation and Business Innovation Foundation (NTIBIF) conducted a Management Development Program (MDP) on Business Analytics at NIFTEM, Kundli, from September 17–19, 2025, for professionals in the Food and Agriculture sector. The program aimed to empower participants with data-driven decision-making skills. Attendees gained practical experience with tools and techniques for deriving actionable insights from large datasets, enabling informed and strategic decision-making. The curriculum covered Business Intelligence Analytics, Data Management and Visualization, Artificial Intelligence, and Digital Marketing Analytics. The event saw participation from 20 professionals representing eight organizations.



[Click the link to access detailed information](#)

The institute also organised Workshops on

- Advanced Excel and Power BI
- FoodTech with MATLAB: Image Processing & AI Approaches
- Impact of Food Loss, Retail Waste & GHG Emissions
- POSH Awareness Session on Creating Safer Workplaces
- Seminar on Shaping the Future: Market Reforms and Startup Innovation in Food & Agribusiness

Webinars on

- Millet Processing (PMFME Scheme)
- Turnitin Feedback Studio with Originality (Refresher Training)

Expert sessions on

- Cross-Cultural Communication & Negotiations, Conflict Management & Decision Making
- Beyond Logo: The Real Essence of Brand Management

During this quarter NIFTEM-K also organized seven diverse trainings focusing on product formulation, Ayurveda-based functional foods, food fortification standards, sustainable packaging, dairy value chains, and food technology entrepreneurship. These programs brought together experts, students, and industry professionals, integrating traditional knowledge with modern technology and business acumen to strengthen India's food innovation and safety ecosystem.

The key trainings organised during the quarter were :

- CII-FACE Training Program on Product Formulation for Healthier Choices
- 5-Day Training on Ayurveda Aahar & Functional Food Entrepreneurship
- Auditors' Training Program for the Food Fortification Certification Agency (FFCA)
- ENCACE 3.0 – Innovation in Sustainable Packaging
- Food Technology Entrepreneurship Development Training Programs
- Training Programme on Dairy Value Chain
- Launchpad Entrepreneurship Development Program



CII-Face Training Programme organized at NIFTEM-K



Workshops and Seminar at NIFTEM-K



Training on Aurvedic Aahar



Auditor's Training Programme for FFCA

[Click the link to access detailed information](#)

IPR PATENTS/ COPYRIGHTS/ TRADEMARK

In an effort to protect the intellectual property of the inventors and ensure the technology transfer, NIFTEM-K filed two patents during the quarter:

1. *Portable Multi-Analyte Chromogenic based sensor kit for Rapid onsite Authentication and adulteration detection in Paneer.*
2. *Vegan curd*

TRANSFER OF TECHNOLOGY

Technology for vitamin D2 extraction from Ganoderma and other mushrooms & vitamin D2 fortified candies

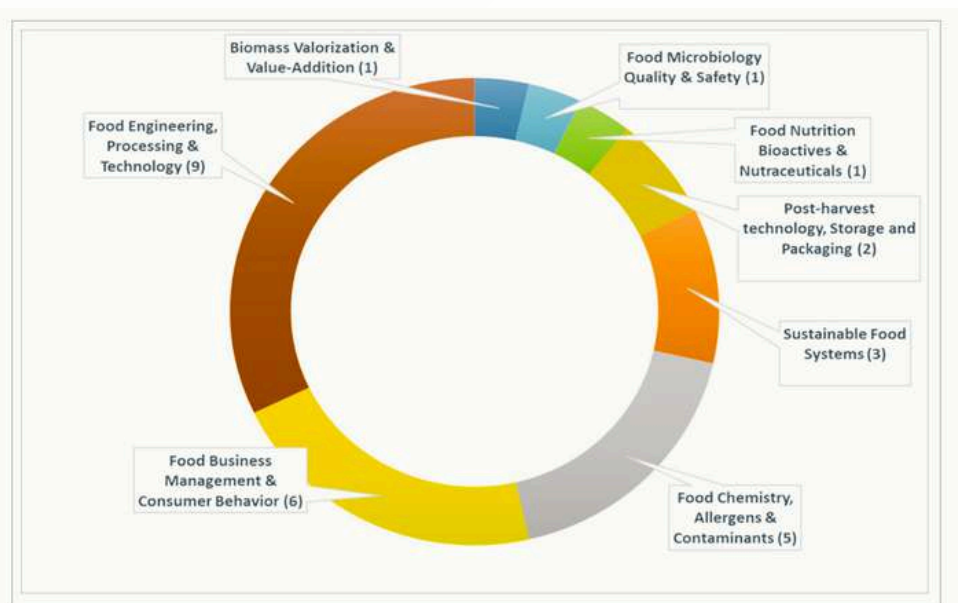
NIFTEM-K's technology for Vitamin D2 extraction from Ganoderma and other mushrooms & Vitamin D2 fortified candies was transferred to Mr. Nitin Srivastav, Founder of Stars of Pantnagar Pvt. Ltd., a DPIIT-certified startup. The technology was developed by Dr Neetu Kumra Taneja, Dr Komal Chauhan, and Dr Harinder Singh Oberoi. This innovation holds immense promise for food fortification with biologically derived vitamin D from vegetarian sources and advancing Nation's functional food & nutraceutical landscape.



RESEARCH PUBLICATIONS

The institute's faculty published 28 research papers and review articles in leading scopus indexed national and international journals during the quarter which can be broadly categorized under domain areas of Food Engineering, Processing & Technology; Food Microbiology Quality & Safety; Food Nutrition, Bioactives & Nutraceuticals; Food Chemistry, Allergens & Contaminants; Food Business Management & Consumer Behavior; Biomass Valorization & Value-Addition.

Faculty members of NIFTEM-K also published 12 book chapters in Elsevier, Springer, Taylor & Francis (CRC Press) and 4 books with CRC Press, Springer Nature, Apple Academic Press and Taylor & Francis.



[Click the link to access detailed information](#)

CRC ACTIVITIES AND CORPORATE RELATION

Placement@2025

During the 2025 placement drive, students got the opportunity to unveil their knowledge and skills in front of many prominent Corporate. Major food sector organizations viz., Adani Wilmar, Ab InBev, ITC-ABD, Amul (GCMMF), Mother Dairy, ACE International (Mahaan Milk Foods), VRS Foods (Paras Dairy), Skylark Foods Ltd., FDRVC, Modern Dairy, GreyB, ITC-FBD, TWF, and Envirocare Labs conducted campus recruitment drives, providing students with excellent placement opportunities.

Additionally, leading companies and organizations including Bacardi India, DeHaat, FICSI, United Breweries, Fortify Health, HealthKart, Rich's, Camlin Lifesciences, and GK Cold Chain Solutions conducted their selection processes in Virtual/Hybrid mode, resulting in students securing diverse job roles.

Prominent recruiters including PepsiCo India, Ab InBev, ITC-ABD, ITC-FBD, Anveshan, HealthKart, Coldex, The Baker's Dozen, Fare Labs, Indicol, TWF Flours, Blue Tokai, and Pilot Smith also offered Pre-Placement Offers (PPOs) to various B.Tech, M.Tech, and MBA students.

In total, 72 companies visited the Institute for campus placements. The highest package offered to B.Tech and M.Tech students in 2025 was ₹9.50 LPA by Ab InBev, while for MBA, the maximum package of ₹16.00 LPA was offered by Adani Wilmar Limited. Overall, 85% of students have been successfully placed to date.

CED Induction: Ideas that Inspire

Cell for Entrepreneurship Development (CED) at NIFTEM-K interacted with the new batch of B.Tech FTM (2025–2029) with an engaging Induction Program on 11th September 2025, emphasizing creativity, collaboration, and entrepreneurial thinking. Students introduced themselves and showcased their innovative ideas, developing products on the spot, defining USPs, and identifying target audiences.



STUDENT ACTIVITIES

Team NIFTEM-K Shines at IIM Bangalore

Ms. Sakshi Nautiyal & Mr. Shreyash Pratap Singh secured 3rd place at IIM Bangalore's Fit-for-B Case Competition, standing out among 923+ teams nationwide. As the only undergraduate team in the finals, they showcased exceptional strategy and innovation, competing alongside top B-schools like IIMB, IIMK, XLRI, and many more. Their data-driven, go-to-market strategy not only impressed the judges but also underscored the caliber of talent nurtured at NIFTEM-K.



PRIDE OF NIFTEM-K

Aromae Startup (Vilamista Foods & Beverages Pvt. Ltd.)

- **Mr. Priyanshu Raj**
Chief Technology Officer & Co-Founder
- **Mr. Gulshan Kumar**
Chief Business Officer & Co-Founder
- **Mr. Nitish Kumar**
Chief Product Officer & Co-Founder

AROMAE
ENGINEERED FOR NUTRITION | CRAFTED FOR TASTE

Aromae, started by 2nd year three visionary B.Tech students of NIFTEM-K, is a new-age nutritious snacking brand that pioneers innovation in its products. Aromae's mission is to provide engineered nutrition to people in the form of products that are consumed today just for taste.

Priyanshu, Nitish and Gulshan started the brand in their first year of B.Tech itself, marking a milestone in NIFTEM-K's history and have been rising ever since. Their first achievement came up when they won the NIFTEM Ideathon 2025 organized during the E-Summit. The trio came into the limelight when they finished in All India TOP 100 teams in the SBI College Youth Ideathon 2025, organized at IIT Delhi. Being India's largest competition for student entrepreneurs, the participation of 15,000+ teams with 44,000+ students across 1000+ colleges nationwide made the competition one of India's toughest. Their journey does not stop here. They were the youngest team to exhibit, pitch and even be a part of a panel discussion in SUFALAM 2025, organized at NIFTEM-K.

NIFTEM-K's strategic support and profound guidance have been invaluable in Aromae's journey, they got access to the institute's state-of-the-art facilities for research & development. NTIBIF also played a pivotal role in accelerating the startup by providing market access and industry connect opportunities.



ENTREPRENEUR OF THE QUARTER

Transforming Waste into Wealth: Dinta Vaghasiya's Path to a Sustainable Future



Sustainable Meeting Booths

Create quiet zones anywhere with eco-friendly meeting booths – soundproof, stylish and sustainable

In 2021, Dinta Vaghasiya founded Ecoterra Biodesign, driven by principles of sustainability and circular economy. Like many young ventures, her early days were filled with experiments, struggles and pivots. today, Ecoterra Biodesign has carved out a niche in sustainable sound acoustic solutions, using patent-pending technology to manufacture high-performance sound acoustics materials. Their range includes wall and ceiling panels, diffusers and modular, movable acoustic booths designed for corporate offices, auditoriums, co-working spaces, recording studios, and more. With plug-and-play installation and a clean, modern aesthetic, their products help organizations create better sound environments without compromising on sustainability.

Her efforts have been widely recognized. In 2022, Dinta was Honoured by the President of India, Smt. Droupadi Murmu, and the Governor of Gujarat for her contributions to innovation and entrepreneurship. Ecoterra's work has been featured in national publications such as Ahmedabad Mirror TOI.



TECHNOLOGY OF THE QUARTER

Vitamin D2 Enriched Gummies

Scientists at NIFTEM-K have developed innovative Vitamin D2 enriched gummies using mushrooms as a vegetarian and sustainable source, catering to the rising demand for plant-based Vitamin D supplements. Unlike conventional animal-derived Vitamin D3, this technology utilizes optimized dose of UV irradiation to enhance the ergosterol content of mushrooms into bioavailable Vitamin D2, ensuring safety and efficacy. Each vitamin D enriched gummy delivers approximately 11.2 µg/g (448 IU) of Vitamin D2, offering an optimized dose in a flavorsome, consumer-friendly format. The product's uniqueness lies in utilising the food processing techniques to create a functional confectionery that bridges health and sweetness. With Vitamin D deficiency widespread among all age-groups due to changing life-style, diets and limited exposure to sun, these gummies may provide a convenient daily supplement in an appealing form. The technology has already been transferred for industrial scale-up, highlighting its potential to meet market demand for vegetarian Vitamin D.



MISCELLANEOUS

Contribution towards relief efforts for the flood-affected regions of Punjab

Under the guidance of the Ministry of Food Processing Industries (MoFPI), NIFTEM-K extended vital relief to flood-affected families in Punjab. Under the leadership of Director Dr Harinder Singh Oberoi, the Institute prepared and dispatched nutritious food packets containing retort packed Rajma Chawal and Chhole Chawal, Besan Boondi, Millet Laddus, Muffins, millet-based ready-to-eat snacks, Panjiri, along with water and juice bottles, to bring comfort and nourishment to the flood hit victims of Amritsar and Fazilka districts of Punjab. The supplies, flagged off in the presence of local authorities, reflected the tireless efforts of NIFTEM-K's faculty, staff, and students, reaffirming the Institute's commitment to humanitarian service and community welfare. The relief material was loaded onto Army trucks in the presence of Deputy Commissioner, Amritsar, Smt. Sakshi Sawhney, and her team, ensuring that the supplies reach flood-hit families at the earliest.



NIFTEM-K support to flood affected regions of Punjab

Supporting Idea Evaluation under MSME Hackathon 5.0

NTBIF provided the necessary support for scrutiny and further recommendation of shortlisted ideas amongst those who had selected NIFTEM-K as the host institution (under MSME Hackathon 5.0 organized between 27th June to 31st July) to the Department of MSME for providing the funding support for product development. Out of the 12 ideas received for scrutiny the Expert Committee had recommended 3 ideas to the Department for further evaluation.

Publication No. NIFTEM/NL / Vol. 2 , Issue 3, July - Sep 2025

Edited by

Publication Committee -

Chairman: Dr Neeraj, Dean (Academic)

Members: Dr Vijay Kumar, Professor

Dr Sapna Arora, Professor

Dr Tripti Agarwal, Associate Professor

Dr Ankur Ojha, Associate Professor

Dr Arun Sharma, Assistant Professor

Published by

Dr H S Oberoi

Director, NIFTEM Kundli

Designed by : Arvind K Singh
Consultant A/V (PMU-PMFME)

