

On-going Projects under scheme for Research and Development

(Rs. In Crore)

Sr No.	Year of approval	Project Title	Institute/ College/ University	State	Sanctioned grant	Grant Released
1	2020-21	Design and development of user choice based fresh juice making vending machine	Dr. B. R. Ambedkar Institute of Technology, Port Blair – 744103, Andaman and Nicobar Islands	Andaman and Nicobar Islands	0.3554	0.2327
2	2024-25	Development of Microfluidic-based Viscosity-Measurement System for Adulteration in Edible Oils	CSIR-CEERI(Central Electronics Engineering Research Institute),Pilani Rajasthan, India	Rajasthan	0.2388	0.057
3	2024-25	Extraction and Stabilization of Microalgae-Derived Red Pigment Phycoerythrin for Food Application.	Department of Food Science and Technology Kerala University of Fisheries and Ocean Studies Panangad, Kochi, Kerala-682506	Kerala	0.2652	0.18693
4	2024-25	Design and Development of an energy efficient novel non-thermal electro hydrodynamic drying system for spices	National Institute of Technology (NIT), Rourkela-769008, Odisha	Odisha	0.248	0.17248
5	2024-25	Circular Food Processing: Harnessing Microwave and Extrusion Technology for Development of Nutrient-Dense Food and Feed Products from Agricultural and Livestock Residues	Department of Food Process Engineering, National Institute of Technology Rourkela-769008, Odisha	Odisha	0.461	-
6	2024-25	Develop cost-effective techniques for producing protein rich fractions, extracting proteins and developing functional plant-based proteins products from legumes and millets	Graphic Era deemed to be University , 566/6, Bell Road, Society Area, Clement Town, Dehradun-248002 Uttarakhand	Uttarakhand	0.56	0.28
7	2024-25	A circular economy-based approach towards fabrication of tuna processing waste mediated nutraceuticals: A Lakshadweep Island based case study	ICAR- Central Institute of Fisheries Technology, Cochin, Kerala,Willington Island, Matsyapuri PO, Cochin-682029	Kerala	0.3387	-
8	2024-25	Technology Development for Pilot Scale Production of Ready to Eat Germinated Snack Food	National Institute of Food Technology Entrepreneurship & Management (NIFTEM),Plot no. 97, Sector 56, HSIIDC Industrial Estate, Kundli, Sonipat, Haryana, 131028	Haryana	0.2654	-

9	2024-25	Development and characterization of non-thermally processed camel milk and its products with mapping of anti-diabetic effect in streptozotocin induced diabetic rats	National Institute of Food Technology Entrepreneurship & Management (NIFTEM), Plot no. 97, Sector 56, HSIIDC Industrial Estate, Kundli, Sonipat, Haryana, 131028	Haryana	0.2658	0.14602
10	2025-26	Development of a Pre-cooler cum Disinfection Based Self-Cooled Green Storage Unit for Fruits and Vegetables	Department of Food Process Engineering, National Institute of Technology (NIT) Rourkela Pin-769008 , Odisha.	Odisha	0.31374	-
11	2025-26	Modified Agroindustry waste (as Nanocellulose/microfibers) reinforced biodegradable plastic with antimicrobials as alternative for single use applications	Aim Lab, BT I, second floor, Department of Biotechnology, Indian Institute of Technology-Madras, Adyar, Chennai-600036.	Tamil Nadu	0.4632	-
12	2025-26	Technology for naturally coloured functional emulsified dips from biofortified (carotenoids and anthocyanins rich) sweet potatoes	Division of Food-Science & Postharvest Technology, ICAR-Indian Agricultural Research Institute, Pusa Campus, New Delhi-110012	Delhi	0.4083	-
13	2025-26	Processing and value addition of coconut embryo based food products	Department of Agricultural Extension and Rural Sociology, Tamil nadu Agricultural Univeristy, Coimbatore, 641 003	Tamil Nadu	0.34888	-
14	2025-26	Addressing Challenges of Shelf Life Extensions of Easily Perishable Fruits by Dehydration and Refrigeration Techniques and Preparation of Food Products	Motilal Nehru National Institute of Technology Allahabad, Prayagraj-211004	Uttar Pradesh	0.467716	-
15	2025-26	Development of Sustainable Options by Utilizing Locally Available Finger Millet in Odisha through Transformative Technologies for Circular Economy	National Institute of Technology Rourkela, Odisha, India, 769008	Odisha	0.3302	-
16	2025-26	Synergistic fortification for designing Vitamin D, Vitamin B2 and Vitamin B12 enriched Super Foods	NIFTEM, Kundli HSIIDC Plot 97 Sector 56 Sonipat Haryana 131028	Haryana	0.608189	-
17	2025-26	Value addition of raw banana, its glycemic index studies and relation to bioactive carbohydrates	Agro processing Technology Division, CSIR National Institute for Interdisciplinary Science and Technology (NIIST),	Kerala	0.29178	-

			Thiruvananthapuram-695019, Kerala, India			
18	2025-26	Phytoactive-Rich Nutraceuticals: Tapping the Health Benefits of Underutilized Green Leafy Vegetables	Agro-processing and Technology Division, National Institute for Interdisciplinary Science and Technology Council of Scientific and Industrial Research, Industrial Estate PO Pappanamcode Thiruvananthapuram Kerala	Kerala	0.513838	-
19	2025-26	Process Optimization for Production of Coconut Sap (Neera) Sugar Crystals and Granules	NIFTEM-Thanjavur	Tamil Nadu	0.332298	-
20	2025-26	Valorisation of food industry waste for production of cellulose derivatives and its application as food additives	NIFTEM-Thanjavur	Tamil Nadu	0.38452	-
21	2025-26	Design and development of a high-speed food 3D printer with simultaneous post-processing capability	NIFTEM-Thanjavur	Tamil Nadu	0.388	-
22	2025-26	Enhancing Grape Drying and Raisin quality using Enzymatic (Biological drying improver) Pre-treatment	NIFTEM-Thanjavur	Tamil Nadu	0.199012	-
23	2025-26	Process optimization, scale-up and product standardization of Indian traditional fermented beverages (Kaanji, Ambli, Sol Kadhi) for large scale production	Microbiology and Fermentation Technology Department Cheluvamba Mansion CSIR CFTRI Mysuru	Karnataka	0.30552	-
24	2025-26	A comparative study on removal of pathogenic and spoilage microorganisms in spices (Chilli, turmeric and Piper nigrum) by using novel thermal and non-thermal techniques as an alternative to Ethylene oxide Fumigation	NIFTEM-Thanjavur	Tamil Nadu	0.318218	-
25	2025-26	Development and Optimization of Texturized Vegetable Protein and Gluten Free Pasta Exploring Zein as a Functional Gluten Alternative in Maize Composite Flour	NIFTEM-Thanjavur	Tamil Nadu	0.229768	-
26	2025-26	A perception of nutrient resource recovery during the morphogenesis of palmyra haustorium: a potential tool against malnutrition	NIFTEM-Thanjavur	Tamil Nadu	0.198968	-

27	2025-26	Use of electrolyzed water as natural antimicrobial in meat processing and its effects on quality and safety of meat and meat products	ICAR Indian Veterinary Research Institute Izatnagar Bareilly Uttar Pradesh	Uttar Pradesh	0.5098	-
28	2025-26	Valorization of buffalo skin by extracting high value collagen hydrolysate and evaluating its anti-osteoarthritic and anti-skin-aging effects	ICAR Indian Veterinary Research Institute Izatnagar Bareilly Uttar Pradesh	Uttar Pradesh	0.3148	-
29	2025-26	Utilization of selected seaweed for the development of Functional Food Product	NIFTEM-Thanjavur	Tamil Nadu	0.34468	-
30	2025-26	AI-Driven Optimization of Millet Incorporation in Bakery Products for Enhanced Quality and Nutritional Value	MPUAT- Maharana Pratap University of Technology Udaipur, Rajasthan	Rajasthan	0.3772	-