

National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: INNOVATION

Submitted Institute Data for NIRF'2024'

Institute Name: National Institute of Food Technology, Entrepreneurship and Management - Thanjavur (NIFTEM - Thanjavur) [IR-I-C-45375]

Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [4 Years Program(s)]	90	90	75	75	-	-
PG [2 Year Program(s)]	36	36	-	-	-	-

Total Actual Student Strength (Program(s) Offered by Your Institution)

(All programs of all years)	No. of Male Students	No. of Female Students	Total Students	Within State (Including male & female)	Outside State (Including male & female)	Outside Country (Including male & female)	Economically Backward (Including male & female)	Socially Challenged (SC+ST+OBC Including male & female)	No. of students receiving full tuition fee reimbursement from the State and Central Government	No. of students receiving full tuition fee reimbursement from Institution Funds	No. of students receiving full tuition fee reimbursement from the Private Bodies	No. of students who are not receiving full tuition fee reimbursement
UG [4 Years Program(s)]	149	104	253	165	88	0	24	201	12	78	0	135
PG [2 Year Program(s)]	15	42	57	25	32	0	2	28	0	8	0	22

Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
Blistree	2022-23	DIPP123709
Jimiky Techbros	2022-23	DIPP122755

Startups which have got VC investment in previous 3/5 years

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
NA	0	NA	2022-23

FDI investment in previous 3/5 years

Name of startups	FDI investment received	Year of receiving FDI investment
NA	0	2022-23

Innovation grant received from govt. organization in previous 3/5 years

Name of Government organisation from which grant is received	Amount of Grant received	Year of receiving grant
Ministry of Food Processing Industries	30062592	2022-23
Department of Science and Technology	4632988	2022-23
Coconut Development Board	5488000	2022-23

Khadi and Village Industries Commission	792330	2022-23
Food Corporation of India	435221	2022-23
Tamil Nadu Civil Supplies Corporation	525000	2022-23
Indian Council of Medical Research	388503	2022-23
Ministry of Food Processing Industries	34693239	2021-22
Department of Science and Technology	3763032	2021-22
Department of Biotechnology	1366417	2021-22
Coconut Development Board	288212	2021-22
Food Corporation of India	951040	2021-22
Indian Council of Medical Research	951592	2021-22
Tamil Nadu State Council for Science and Technology	7500	2021-22
All India Council for Technical Education	836000	2021-22
Ministry of Food Processing Industries	59599417	2020-21
Department of Science and Technology	617870	2020-21
Ministry of Communication and IT	232887	2020-21
Life sciences research board	1978530	2020-21
Food Safety and Standards Authority of India	8120588	2020-21
National Food Security Mission	175000	2020-21
Ministry of Micro Small and Medium Enterprises	2933000	2020-21
Coconut Development Board	250000	2020-21
Indian Council for Medical Research	676273	2020-21

Patents

Calendar year	2022	2021	2020
No. of Patents Published	0	0	2
No. of Patents Granted	0	0	0

Innovations at various stages of Technology Readiness Level

Number of innovations	Stage of technology
Integrated Shallot Onion processing Unit	Level 9
Process for Non Dairy Millet Ice cream	Level 9
Process for coconut sap (Neera) crystals & granules	Level 9
Mahua Nutri bar	Level 9
Development of millet based probiotic fermented products using pineapple processing waste	Level 7

Large scale production of iron-rich multivitamin multilayer encapsulate for developing novel designer rice	Level 6
Ultrasound processing of liquid food on a Pilot scale: Feasibility & Efficacy	Level 5
Design and development of ohmic heating system for soaking and parboiling of paddy and stabilize bran	Level 5
Design & development of cold plasma based portable water treatment unit	Level 5
Millet Idly/Dosa Dry Mix	Level 9
Development of Nanofiber incorporated hydrogels as 3D scaffold skin tissue growth	Level 5
Pacakage of Technologies for On-farm Processing value Addition and Safe Storage of Onions	Level 9
Integrated Coconut Processing Unit for continuous removal of shell, testa, coconut water & dicing of coconut meat	Level 9
Rice ice cream	Level 9
Coconut ice cream	Level 9
Solar Hybrid Dryer	Level 9
Moringa Leaves separator	Level 9
Development of process for β carotene- in cyclodextrine- in iron liposomes for delivery of nutritional supplements	Level 5
Development of Nanofiber incorporated hydrogel s as 3D scaffold skin tissue growth	Level 5
3D Printed foods for personalized nutrition	Level 5
Development of Non-thermal plasma System for Liquid Food Sterilization	Level 6
Development of active intelligent packaging system with antimicrobial agents for fruits & vegetables	Level 7
Phosphine & Carbon dioxide (CO ₂) combinations a alternative to methyl bromide to manage stored pests of rice under bulk storage	Level 5
Smart warehouses with application of frontier EM& Electronics based Technology	Level 7
Quality evaluation of Litchi fruit by using E-Vision and E-nose system	Level 7
Design and Development of Atmospheric Pressure Non-Thermal Plasma System for Food Processing Application	Level 7
Active Intelligent Packaging System with Antimicrobial Agent for Fruits and Vegetables	Level 7
Packaging material using ground nut shell	Level 7
Process of manufacturing flexible biodegradable packaging material from peanut hulls	Level 8
integrated fruits and vegetable drying device useful for the collection of volatile components	Level 7
Sensors for quality evaluation of coconut oil	Level 6
Nondairy symbiotic foods	Level 7
Identification and quantification of insect fragments in spices	Level 4
Design and Development of a System for Trapping of Bioactive components from selected Fruits (Mango, Orange, Pineapple, Banana and Grape) and Vegetables (Onion, Carrot, Garlic, Mint and Ginger) during	Level 6
Banana Nutribar	Level 9
Encapsulated MCT oil powder	Level 9
Fortified Fruit Wine	Level 9
Nutri- Santhagai	Level 9

Nutri-Cereal	Level 9
Pumpkin Seed Butter	Level 9
Fermented Garlic	Level 9
Citrus Wine	Level 9
Coconut Milk	Level 9
Protein Bar	Level 9
Rice Ice-cream	Level 9
Quinoa Nankattai	Level 9
Mahua Nutribar	Level 9
Nannari Drink	Level 9
Fruit Leather	Level 9
Kinnow Carbonated Drink	Level 9
Millet Flakes* (Ragi, Pearl, Little, Kodo, Barnyard, Proso)	Level 9
Red & Black* Rice Flakes	Level 9
Gram Flakes	Level 9
Wheat Flakes	Level 9
Malt Powder	Level 9
Kinnow Jam	Level 9
Kinnow Peel Candy	Level 9
Kinnow RTS	Level 9
Kinnow Nectar	Level 9
Foxtail Millet Cookies	Level 9
Sorghum Flakes	Level 9
Composite Millet Malt Food	Level 9
Ragi Pasta	Level 9
Millet Bar	Level 9
Kavuni Pasta	Level 9
Kavuni Cookies	Level 9
Kavuni Flakes	Level 9
Caramelized** Ground nut, Cashewnut	Level 9
Moringa Pasta	Level 9
Millet Museli	Level 9
Mung Protein-Based Coffee Non-Dairy Premix	Level 9

Pea Protein Based Cappuccino Non-Dairy Premix	Level 9
Raw Banana Flour Incorporated Muffins	Level 9
Micro Co-Encapsulated Resveratrol and Curcumin (Powder)	Level 9
Nano-Co-Encapsulated Resveratrol and Curcumin (Powder)	Level 9
Tender Coconut Water Powder	Level 9
Microencapsulated Curcumin Milk Powder	Level 9
Coconut Milk Powder	Level 9
Microencapsulated Coriander Oil (Powder)	Level 9
Microencapsulated Chia Oil (Powder)	Level 9
Microencapsulated Fish Oil (Powder)	Level 9
Nanoencapsulation Curcumin (Powder)	Level 9
Nanoencapsulated Beta Carotene (Powder)	Level 9
Nanoencapsulated Resveratrol (Powder)	Level 9
Nano Salt (NaCl)	Level 9
Egg White Powder	Level 9
Dried Egg Yolk Powder	Level 9
Low Temperature Dried Onion Slices	Level 9
Low Temperature Dried Garlic Slices	Level 9
Dried Carrot Slices	Level 9
Dried Beetroot Flakes/Powder	Level 9
Dried Spinach Flakes/Powder	Level 9
Dried Raw Banana Powder	Level 9
Microencapsulated Curcumin (powder)	Level 9
Microencapsulated Beta Carotene (powder)	Level 9
Low GI Granola Bar	Level 9
3D Printed Mushroom-Based Snacks	Level 9
3D Printed Chicken Nuggets	Level 9
3D Printed Egg	Level 9
3D Printed Potato Peel-Based Noodles	Level 9
3D Printed Grape Pomace Cookies	Level 9
3D Printed Mct Oil Oleogels	Level 9
Yam Choco Drops	Level 9
Grape Pomace Cookies	Level 9

Basil Seed Suspended Beverage	Level 9
Bioactive Infused Coconut Chips	Level 9
Karuppu Kavuni Chocolate	Level 9
Karuppu Kavuni Wafer	Level 9
Karuppu Kavuni String Hoppers	Level 9
Cottonseed Milk	Level 9
Cottonseed Muffin	Level 9
Cottonseed Biscuit	Level 9
Pumpkin Seed Flour Incorporated Wheat Bread	Level 9

Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
Blistree	20000000	2022-23

Alumni that are Founders of Forbes/Fortune 500 companies

Name of the Alumni	Program passed from	Year of passing	Founder of company
NA	NA	0	NA

Pre-incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Pre-incubation units	9	9	8
Expenditure on pre-incubation activities	7486869	4868849	3784592
Income generated by institution through pre-incubation activities	9358586	6086061	4730741

Incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Incubation units	3	3	3
Expenditure on Incubation activities	4460083	1814098	1728388
Income generated by institution through Incubation activities	6371548	2591569	2469125

Faculty Details

Srno	Name	Age	Designation	Gender	Qualification	Experience (In Months)	Currently working with institution?	Joining Date	Leaving Date	Association type
1	BIVIN M R	49	Associate Professor	Male	Ph.D		Yes	10-01-2018	--	Adhoc / Contractual
2	GOUTAM DAS	42	Assistant Professor	Male	Ph.D	152	Yes	05-08-2013	--	Regular
3	MAHENDRAN R	43	Associate Professor	Male	Ph.D	222	Yes	30-08-2010	--	Regular

4	S VIGNESH	38	Associate Professor	Male	Ph.D	121	Yes	04-07-2019	--	Regular
5	V CHANDRASEKAR	39	Associate Professor	Male	Ph.D	164	Yes	03-09-2019	--	Regular
6	BHUVANA S	45	Assistant Professor	Female	Ph.D	185	Yes	11-08-2010	--	Regular
7	CHITTIBABU S	48	Other	Male	Ph.D	328	Yes	02-07-2018	--	Adhoc / Contractual
8	M KARUNAI RAJ	52	Other	Male	Ph.D		No	19-06-2019	31-03-2022	Adhoc / Contractual
9	R VIDHYALAKSHMI	46	Professor	Female	Ph.D	228	Yes	22-03-2004	--	Regular
10	SURESH KUMAR K	52	Professor	Male	Ph.D	300	Yes	24-04-2004	--	Regular
11	ASHISH RAWSON	44	Associate Professor	Male	Ph.D	254	Yes	02-07-2012	--	Regular
12	CHIDANAND D V	44	Assistant Professor	Male	Ph.D	228	Yes	16-08-2010	--	Regular
13	LOGANATHAN M	51	Professor	Male	Ph.D	288	Yes	03-05-1999	--	Regular
14	R VAITHEESWARAN	43	Other	Male	Ph.D		Yes	24-04-2019	--	Adhoc / Contractual
15	SRINIVASAN KRISHNAMOORTH Y	38	Other	Male	Ph.D		Yes	26-10-2020	--	Adhoc / Contractual
16	ARUNKUMAR ANANDHARAJ	45	Other	Male	Ph.D	219	Yes	20-07-2018	--	Adhoc / Contractual
17	C SUKUMARI	47	Assistant Professor	Female	Ph.D		Yes	16-08-2016	--	Adhoc / Contractual
18	K A ATHMASELVI	50	Associate Professor	Female	Ph.D	223	Yes	03-07-2019	--	Regular
19	PRATIBHA SINGH	42	Assistant Professor	Female	Ph.D	192	Yes	15-03-2012	--	Regular
20	SINIJA V R	49	Professor	Female	Ph.D	228	Yes	04-04-2011	--	Regular
21	VENKATCHALAP ATHY N	56	Professor	Male	Ph.D	362	Yes	05-09-1993	--	Regular
22	ANANDAKUMAR S	43	Assistant Professor	Male	Ph.D	188	Yes	12-08-2010	--	Regular
23	C K SUNIL	45	Assistant Professor	Male	Ph.D	228	Yes	02-05-2011	--	Regular
24	JEYAN ARTHUR MOSES	36	Assistant Professor	Male	Ph.D	109	Yes	22-04-2015	--	Regular
25	N BASKARAN	38	Assistant Professor	Male	Ph.D	132	Yes	12-07-2019	--	Regular
26	SHANMUGASUNDA RAM S	43	Professor	Male	Ph.D	189	Yes	24-08-2009	--	Regular
27	V HEMA	45	Assistant Professor	Female	Ph.D	240	Yes	11-08-2010	--	Regular
28	BINOD KUMAR YADAV	57	Professor	Male	Ph.D	336	Yes	31-08-2010	--	Regular
29	E ARUNKUMAR	38	Assistant Professor	Male	Ph.D		Yes	09-04-2018	--	Adhoc / Contractual
30	M MALATHY	39	Assistant Professor	Female	M.Tech		Yes	22-05-2017	--	Adhoc / Contractual
31	S AKALYA	41	Associate Professor	Female	Ph.D	115	Yes	19-07-2019	--	Regular
32	TITO ANAND M	51	Assistant Professor	Male	M.Tech	296	Yes	23-12-2003	--	Regular
33	AMUDHASURABI A	53	Professor	Male	Ph.D	276	Yes	02-02-1999	--	Regular

34	C ANANDHARAMAKR ISHNAN	50	Dean / Principal / Director / Vice Chancellor	Male	Ph.D		No	29-04-2016	28-04-2022	Regular
35	JAGAN MOHAN R	59	Professor	Male	Ph.D	419	Yes	28-12-1988	--	Regular
36	MEENATCHI R	43	Associate Professor	Female	Ph.D	180	Yes	27-09-2010	--	Regular
37	SANDEEP	41	Assistant Professor	Male	M.Tech	179	Yes	05-05-2015	--	Regular
38	V EYARKAI NAMBI	39	Associate Professor	Male	Ph.D	204	Yes	14-10-2019	--	Regular