


FACULTY INFORMATION			
PERSONAL INFORMATION			
Name	Dr. SUNDUS NIDA		
Designation	ASSISTANT PROFESSOR		
Official Email ID	sundus.nida@jamuniversity.ac.in		
Academic Experience	NIL		
Industry Experience	NIL		
Core Discipline	FOOD TECHNOLOGY		
Specialization	FOOD TECHNOLOGY		
Research Interest	3D PRINTING, NEW PRODUCT DEVELOPMENT		
PROFESSIONAL QUALIFICATION			
Qualification / Discipline (Start with UG degree)	Year of Passing		Institution
B.TECH (BIOTECHNOLOGY)	2015		SHARDA UNIVERSITY, GREATER NOIDA
M.TECH (FOOD TECHNOLOGY)	2017		JAMIA HAMDARD, NEW DELHI
Ph.D (FOOD PROCESS ENGINEERING)	2022		NIFTEM-THANJAVUR
MEMBERSHIP OF PROFESSIONAL BODIES			
Professional Society	From Year		Nature of Membership
ISAE : Indian Society of Agricultural Engineers, New Delhi	2021		LIFE MEMBER
AFST(I) : Association of Food Scientists and Technologists (India), Mysore	2021		LIFE MEMBER
SUMMARY OF RESEARCH PUBLICATIONS			
INTERNATIONAL JOURNALS			
Journal Name	Date, Volume & Issue No (From the Latest)	https://doi.org/10.1016/j.jafr.2022.100392	Paper Title
Journal of Agriculture and Food Research	Dec 2022, Volume 10, 100392	https://doi.org/10.1016/j.jafr.2022.100392	Emerging applications of 5D/6D printing in the food industry
Sugar Tech	Jan 2022, 24, 764-778	https://doi.org/10.1007/s12355-021-01095-y	3D extrusion printability of sugarcane bagasse blended with banana peel for prospective food packaging applications
Biomass Conversion and Biorefinery	Oct 2021, 1-11	https://doi.org/10.1007/s13399-021-01982-0	3D printed food package casings from sugarcane bagasse: a waste valorization study
Probiotics and Antimicrobial Proteins	April 2021, 14, 15-48	https://doi.org/10.1007/s12602-021-09791-7	Targeted Delivery of Probiotics: Perspectives on Research and Commercialization
Food Engineering Reviews	March 31, 13, 812-821	https://doi.org/10.1007/s12393-021-09284-x	Isochoric Freezing and Its Emerging Applications in Food Preservation
Waste and Biomass Valorization	Jan 2021, 12, 81-90	https://doi.org/10.1007/s12649-020-01000-w	3D printing of grinding and milling fractions of rice husk
NATIONAL JOURNALS			
Journal Name	Date, Volume & Issue No (From the Latest)		Paper Title
SUMMARY OF CONFERENCES PARTICIPATED			
INTERNATIONAL CONFERENCES			
Name of the Conference	Organizer, Place	Year	
28th Indian Convention of Food Scientists and Technologists (ICFoST)	AFST(I), Virtual	International	2022
Second International Conference on Future Technologies (ICoFT-2021)	NIT Puducherry, NIT Puducherry	International	2021
Global Rice Conference (GRC-2021)	Tamil Nadu Rice Research Institute, IIFPT-Thanjavur	International	2021
International Conference on Sustainable Approaches in Food Engineering and Technology (SAFETY-2021)	Tezpur university & University of Gerogia, Virtual	International	2021
27th Indian Convention of Food Scientists and Technologists (ICFoST)	AFST(I), Tezpur University	International	2020
8 th International Food Convention	AFST(I), Mysore	International	2018
NATIONAL CONFERENCES			
Name of the Conference	Organizer, Place	Year	
Food Waste Utilization: Strategies, Applications, Food security, & Technology Dissemination (FWU-2021)	IIFPT-Thanjavur, Virtual	National	2021
Emerging Techniques in Food Processing	IIFPT-Thanjavur, IIFPT-Thanjavur	National	2019
AWARDS / HONORS / ACHIEVEMENTS			
Nature	Year		Awarding Institution
Best Paper Award	2021	First in Second International Conference on Future Technologies in Manufacturing, Automation, Design and Energy at NIT Puducherry,	NIT-Puducherry
CSIR-SRF	2020	Senior Research Fellowship	Council of Scientific and Industrial Research-India
Institute Studentship	2018	Scholarship	NIFTEM-Thanjavur (Formerly IIFPT-T)
PATENTS			
Name of the Patent	Year		Description
BOOKS PUBLISHED / MONOGRAMS			
Name	Year		Description
Biopolymers and biocomposites from agricultural waste	2021	Book Chapter	Nida, S., Moses, J. A., & Anandharamakrishnan, C. (2021). Biopolymers and biocomposites from agricultural waste. In <i>Advanced Green Materials</i> (pp. 279-295). Woodhead Publishing.
PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT			
Designation	From - To		Institution / Organization
POSITIONS HELD IN THE PRESENT ORGANIZATION			
Designation	From - To		Institution / Organization
RESEARCH GUIDANCE			
Total No. of Students Guided	Ph.D.		M.Phil
RESEARCH PROJECTS			
Name of the Project	Type of the Project (Sponsored / Consultancy / Government Funded)		Status of the Project (Ongoing / Completed)