FACULTY INFORMATION

	PERSONAL INFORMATION	
Name	Sumit Kumar	
Designation	Assistant Professor	
Official Email ID	sumit.kumar@jainuniversity.ac.in	
Academic Experience	1	
Industry Experience	Nill	
Core Discipline	Food Process Engineering	
Specialization	Food Process Engineering	
	Novel Processing Technologies, Extraction, Adsorption, Modeling and	
Research Interest	Optimization	



Research Interest	Novel Processing Technologies, Extraction, Adsorption, Modeling and Optimization	
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Qualification / Discipline (Start with UG degree) B.Tech (Agricultural Engineering)	Year of Passing	Institution
B. Fech (Agricultural Engineering)	2015	Abdul Kalam Technical University, Lucknow
M.Tech (Process and Food Engineeirng)	2018	GB Pant University of Agriculture and
		Technology Pantnagar
PhD (Food Process Engineering)	2022	NIFTEM Thanjavur (Tamil Nadu)
	MEMBERSHIP OF PROFESSIONAL BODIES	
Professional Society	From Year	Nature of Membership
Nill		
	SUMMARY OF RESEARCH PUBLICATIONS	
	INTERNATIONAL JOURNALS	
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
1. International Journal of Food Science and Technology	Oct-22	Lycopene Extraction from Industrial Tomato
2. Innovative Food Science and Emerging Technologies	7 November 2022, 103203	Mass transfer kinetics and quality evaluation
		of tomato seed oil extracted using emerging technologies
		Characterization of Power Ultrasound Modified Kappaphycus alvarezii Biosorbent
Water air and soil Pollution	2022, 233 (7), 1-20	and its Modeling by Artificial Neural Networks
5. Water all and soil i ordition]2022, 233 (7), 1-20	diffu its modeling by Artificial Teach
		Development of power ultrasound-modified
		industrial tomato waste as an efficient
		biosorbent: Characterization, application on
t co it is a second assessment on		synthetic dyes, and optimization using
4. Journal of food processing and preservation	2022, e17041	artificial neural networks
		Recent Advances in The Utilization of Industrial Byproduct and Wastes Generated at
		Different Stages of Tomato Processing: Status
5. Journal of Food Processing and Preservation	2022, e17063	Report Report
		•
		Effect of ultrasonic cavitation on the formation of soy protein isolate—rice starch
		formation of soy protein isolate—rice starch complexes, and the characterization and
		prediction of interaction sites using molecular
6. Heliyon	2022, 8 (10), e10942	techniques
G. (C.,)	- 	·
Characteristics		Effect of ultrasonication on the
7. Journal of Food Measurement and Characterization	2022, 16, 4860–4879	protein–polysaccharide complexes: a review.
8. International Journal of Agricultural Innovation and		Process Optimization of Hand Operated Machine for Coating of Apples using
8. International Journal of Agricultural Innovation and Research	2021, 10 (2), 71-82	Machine for Coating of Apples using Carboxymethyl Cellulose
	NATIONAL JOURNALS	
Journal Name	Date, Volume & Issue No (From the Latest)	Paper Title
1. The Pharma Innovation Journal	2022, 11 (9), 1449-1453	
		Blending of Tomato Seed oil and Sunflower
The Pharma Innovation Journal	2022, 8 (11)	oil: It's Characteristics and Quality Evaluation Protein extraction from sesame meal and its
2. The Pharma innovation Journal	2022, 8 (11)	quality measurements
3. The Pharma Innovation Journal	2021, 10 (10), 1516-1522	Effect of ultrasound treatment on soy protein- Rice starch interaction
4. IJPAB	2020, 8 (6), 667-674	Effect of Ultrasonication Process on the
	200,2 (0), 200	Physical Properties of Three Different Honey
	SUMMARY OF CONFERENCES PARTICIPATED	Varieties
	INTERNATIONAL CONFERENCES	
Name of the Conference	Organizer, Place	Year

	NATIONAL CONFEDENCES	
	NATIONAL CONFERENCES	
Name of the Conference	Organizer, Place	Year
TEXRHEO-2021, 37	NIFTEM Thanjavur	2021
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	AWARDS / HONORS / ACHIEVEMENTS	
Nature	Year	Awarding Institution
University Gold Medal	2015	Abdul Kalam Technical University, Lucknow
	PATENTS	
Name of the Patent	Year	Description
Name of the ratent	i cai	
Edible Coating Machine	2020	
Edible Coating Machine	2020	Published
Edible Coating Machine	2020	
Edible Coating Machine	2020	
Edible Coating Machine		
Edible Coating Machine Name	BOOKS PUBLISHED / MONOGRAMS Year	Published
	BOOKS PUBLISHED / MONOGRAMS	
	BOOKS PUBLISHED / MONOGRAMS	Published
	BOOKS PUBLISHED / MONOGRAMS	Published
	BOOKS PUBLISHED / MONOGRAMS	Published
	BOOKS PUBLISHED / MONOGRAMS Year	Published
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Name Designation Assistant Professor	BOOKS PUBLISHED / MONOGRAMS Year PAST POSITIONS HELD BEFORE PRESENT ASSIGNMENT From - To 21/07/2018 - 09/08/2019 POSITIONS HELD IN THE PRESENT ORGANIZATION	Description Institution / Organization BFIT Group of Institutions Dehradun
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