



## CURRICULUM VITAE

### **Dr. Neeraj Praphulla Awasthi**

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### **EDUCATIONAL CREDENTIALS**

Course	Institution	Board/Univ.	% of marks	Year of Passing
<b>Doctor of Philosophy (Ph. D.) in Chemical Technology (Edible Oil Technology)</b>	<b>Harcourt Butler Technological Institute, Kanpur (HBTI)</b>	<b>U.P. Technical University Lucknow (U.P.)</b>	-	<b>December, 2011</b>
<b>M. Tech. Chemical Technology (Oil Technology)</b>	<b>Harcourt Butler Technological Institute, Kanpur (HBTI)</b>	<b>U.P. Technical University Lucknow (U.P.)</b>	<b>82.0</b>	<b>2005</b>

### **PROFESSIONAL CREDENTIALS**

- Technical Assessor for NABL Integrated Assessment: International Standard ISO/IEC 17025:2017
- Certified Food Analyst (Gazetted) as per Food Safety Standardization Regulation Act,2011(FSSAI)

### **ACADMIC ACHIEVEMENTS (Honors and Awards)**

- Recipient of OTAI-FARELABS Award for achieving **first rank at National Level** organized by the Oil Technologists Association of India (OTAI)
- Recipient of **National Scholarship** in High School and Intermediate awarded by State Government of Uttar Pradesh (U.P.)

### **WORK EXPERIENCE**

1. Working as **Associate Professor, Oil Technology** in the Department of Oil Technology, H.B.T.U., Kanpur from April 2024 to till date
2. Worked as **Assistant Director (Technical) in Export Inspection Council, Mumbai**; Ministry of Commerce & Industry, Government of India. From September 2017 to March 2024
3. Worked as **Assistant Manager in Quality Assurance in Adani Wilmar Ltd, Mundra, Gujrat** from December 2015 to September 2017.
4. Worked as **Deputy Manager in Quality Assurance/ Research & Development in Ruchi Soya Industries Limited, Mangalore Karnataka** from May 2012 to December 2015
5. Worked as **Research Assistant in Research Project** from July 2007 to January 2010 funded by Council of Science & Technology, Uttar Pradesh Government

## **RESEARCH PAPERS AND PRESENTATIONS**

### ***PUBLICATIONS:***

<b>S. No.</b>	<b>Title of Research Paper</b>	<b>Journal Name</b>	<b>Publication</b>	<b>Vol, page, Year</b>	<b>Author</b>	<b>SCI/SCIE/UGC</b>
1.	FACILE AND RAPID DETECTION OF ADULTERATION IN MUSTARD OILS: NMR AND UNSUPERVISED MACHINE LEARNING	FOOD CONTROL	ELSEVIER	150, 109773 2023	KAVITHA RACHINENI* , PARUL SHARMA VRUSHALI SIDDESH SHIRKE KSHITIJ MISHRA ,NEERAJ PRAPHULLA AWASTHI*	SCI
2.	DARJEELING TEA PROFILING USING 1H NMR AND MULTIVARIATE ANALYSIS	FOOD AND HUMANITY	ELSEVIER	01, 440-444 2023	KAVITHA RACHINENI, VRUSHALI SIDDESH SHIRKE, PARUL SHARMA, KSHITIJ MISHRA, MAHENDRA S. SHIRSATH, NEERAJ PRAPHULLA AWASTHI*	SCOPUS
3.	IDENTIFYING TYPE OF SUGAR ADULTERANTS IN HONEY: COMBINED APPLICATION OF NMR SPECTROSCOPY AND SUPERVISED MACHINE LEARNING CLASSIFICATION	CURRENT RESEARCH IN FOOD SCIENCE	ELSEVIER	05, 272-277 2022	KAVITHA RACHINENI* , PARUL SHARMA VRUSHALI SIDDESH SHIRKE Satish Shukla ,NEERAJ PRAPHULLA AWASTHI*	SCOPUS
4.	DEVELOPMENT, VALIDATION, AND ACCREDITATION OF A METHOD FOR THE DETERMINATION OF 75AS, 111CD, 201HG, AND 208PB IN CEPHALOPODS USING INDUCTIVELY COUPLED PLASMA MASS	SN APPLIED SCIENCE	SPRINGER	304: 01, 01-08 2019	GUPTA PRAKASH CHANDRA · ELANCHEZHIAN ARUL1 · SATISH CHANDRA SHUKLA · ANOOP SINGH SENGAR1 · ANGSHUMAN SAHA · R. SURENDRAN · NEERAJ PRAPHULLA AWASTHI · K. P. PRASANTH ·	SCOPUS

	SPECTROMETRY (ICP-MS)				SANU JACOB · SUSHIL KUMAR SAXENA	
5	LOW TEMPERATURE SYNTHESIS OF FATTY ACID AMIDE (ERUCAMIDE) USING MICROEMULSION	JOURNAL OF LIPID SCIENCE AND TECHNOLOGY	OTAI	46,102-109 2014	NEERAJ PRAPHULLA AWASTHI *, S K UPADHYAY AND R P SINGH*	---
6.	MICROWAVE ASSISTED FACILE AND CONVENIENT SYNTHESIS OF FATTY ACID AMIDE (ERUCAMIDE): CHEMICAL CATALYZED RAPID METHOD	EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY	Wiley-VCH Verlag	111,202-206 2009	NEERAJ PRAPHULLA AWASTHI, RAJINDER PAL SINGH	SCIE
7	KINETIC INVESTIGATION OF ERUCAMIDE SYNTHESIS USING FATTY ACID AND UREA	JOURNAL OF OLEO SCIENCE	Japan Oil Chemists Society	57, 471-475 2008	NEERAJ PRAPHULLA AWASTHI *, S K UPADHYAY AND R P SINGH*	SCIE
8	LIPASE CATALYZED SYNTHESIS OF FATTY ACID AMIDE (ERUCAMIDE) USING FATTY ACID AND UREA	JOURNAL OF OLEO SCIENCE	Japan Oil Chemists Society	56, 507-509 2007	NEERAJ PRAPHULLA AWASTHI, RAJINDER PAL SINGH	SCIE
9	SYNTHESIS OF ERUCAMIDE USING UREA AND ERUCUC ACID	BRASSICA	MRPC	08,117-119 2007	NEERAJ PRAPHULLA AWASTHI, RAJINDER PAL SINGH	----

### **PRESENTATIONS**

1. Presented a Research Paper on “Lipase Catalyzed Production of Erucamide “at National Seminar of Oil Technologist's Association of India in Kolkata University during 29-30 Nov.2008
2. Presented a Research Paper on “Microwave Techniques Uses for Convenient Synthesis of Fatty Acid Amides” at International Seminar "ICOFFS” of Oil Technologist's Association of India in New Delhi during 6-7 December 2009. .

### **MEMBERSHIP**

- Life Member of Oil Technologist's Association of India (OTAI)

