

Curriculum Vitae

Mr. Nikhilesh Manikrao Amlepatil

PhD Research Scholar (Food Technology)

Pune, Maharashtra, India

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nikhileshft03@gmail.com

CAREER OBJECTIVE:

Dedicated **Food Technology** academician and PhD Research scholar with over **7 years of combined teaching and funded research experience, specialising in Dietary Fibre Extraction, food analysis, and sustainable food processing** and seeking the position of **Assistant Professor (Food Technology)** to contribute through **quality teaching, impactful research, patents, and academic leadership** aligned with institutional and NAAC/NIRF goals.

AREAS OF EXPERTISE:

1. Food Analysis & Quality Control
2. Dietary Fiber Extraction & Characterization
3. Functional Foods & Waste Valorization
4. Food Processing & Preservation
5. Research Methodology & Scientific Writing
6. UG/PG Teaching & Laboratory Handling
7. Curriculum Design, Exam & Academic Coordination

ACADEMIC QUALIFICATIONS:

Name of The Degree	University/ Board	Year of Passing	Grade/Percentage
Ph.D. (Food Technology)	MIT-ADT University, Pune	2022–Present	Pursuing
M.Tech. (Food Technology)	Shivaji University, Kolhapur	2015	7.81 CGPA (First Class)
B.Tech. (Food Technology)	MKV, Parbhani	2012	7.84 CGPA (First Class)
HSC (10+2)	Aurangabad Board	2008	76.17% (Distinction)
SSC	Aurangabad Board	2006	65.66% (First Class)

Academic Experience

- Bagging **4 Years and 4 Months** from 27th June 2016 to 31st October 2020 of teaching Experience as an **Assistant Professor** (Food Tech.) with Handling **Academic charge, Exam charge, Research and Practical work** (Analysis of Food), at SDMVM's College of Food Technology, Aurangabad.
- **2 Years** of experience as a **Junior Research Fellow (JRF)** from August 2022 to August 2024 and **1 year and 10 months** as a **Senior Research Fellow (SRF)** from **August 2024** to till date at the School of Food Technology, MIT-ADT University, Pune.
- Total **8 years** of experience.

Scholastic Achievements

- **GATE** Qualification for the year 2013-14 from the XL subject.
- Secured **11th Rank** in the entrance examination of Shivaji University, which was held for M.Tech. (Food Technology)2013-14.
- Secured **All India 94th Rank** in ICAR Entrance Examination for postgraduate Programme during 2013-14.
- Secured the **11th Rank** in all Maharashtra MCAER Entrance Examination for the Postgraduate program, i.e. M.Tech. in Food Technology with 64 % in 2013-14.

Research Work Experience

- Ph.D. Degree research work entitled **“EXPLORATION OF PULSE ULTRASONICATION EXTRACTION TECHNIQUE FOR ATTAINING POMEGRANATE PEEL DIETARY FIBRES IN THE DEVELOPMENT OF FUNCTIONAL FOOD”** under the supervision of **Prof. (Dr.) Anjali A. Bhoite**, as a Ph.D. Research work.
- Master's Degree Dissertation on **“FOOD INDUSTRY APPLICATIONS OF NATURAL COLOR EXTRACTION FROM BEETROOT AND AMARANTH”** Under the supervision of **Prof. (Dr.) P.D. Patil** as a part of M. Tech Research work
- Bachelor's Degree Dissertation on **“STUDIES ON PREPARATION AND STANDARDIZATION OF MANGO FINGER CANDY AND PINEAPPLE JELLY”** under the Guidance of **Prof. M. Zakiruddin** as a part of B. Tech. Research Work

PUBLICATIONS

Patent Publication

- **Patent Publication** entitled **“A PROCESS FOR EXTRACTING SOLUBLE DIETARY FIBERS FROM POMEGRANATE (PINICA GRANATUM L.) PEEL”** Dated 06/02/2026 with Application no.-202521127581, The Patent Office, Government of India.
- **Patent of Design Registered on “GEOTHERMAL-BASED UNDERGROUND FOOD STORAGE”** Dated 17/03/2025 with Design No.-451740-001, The Patent Office, Government of India.

Paper Publication

- **Paper Entitled “Valorisation of Pomegranate peel waste: A Novel approach for soluble dietary fibre extraction”** in JFST Journal of Springer Nature (Q1) 03/07/2026.
- **Paper entitled “Green technologies for dietary fibre extraction from tropical fruit peels: functional and nutritional perspectives”** in Scientific Culture Journal(Q1).
- **Paper Published** in Indian Journal of Applied Research (IJAR) entitled **“Natural color extraction from amaranth and Beetroot: A Review”** Impact factor 3.624 ISSN:2249-555X

- **Paper published** in the Journal of Innovations in Pharmaceuticals and Biological Sciences entitled “**Anthocyanin Extraction from Winery Waste Material: A Review** (ISSN: 2349-2759)

Book Publication

- **Book Publication-** Published Book on **Food Microbiology** with Bluepen International Publisher with **ISBN No. 978-93-6940-479-7** at 01/03/2025

Conferences, Workshops, and Seminars Attended

- 1] Oral Paper Presentation and Participation on the topic “*Valorization of Pomegranate Peel Waste: A Novel Approach for Dietary Fibre Extraction*” in the “**Recycle 2025**” 5th International Conference on Waste Management on 5th & 6th June 2025 at IIT-Guwahati, Assam.
- 2] Poster Presentation and Participation in the International Conference on **Emerging Paradigm Shifts in Food and Dairy Processing: Advances in Food Safety, Quality, and Sustainability**, at Banaras Hindu University, Varanasi, Uttar Pradesh, on 25-26 October 2024.
- 3] Paper presentation and Participation in the 6th International Forum on **Spice Routes in Flux: Navigating the Global Transformation and Intercultural Exchange at Jakarta**, Indonesia, on 23-26 September 2024
- 4] Poster presentation and participation in the 9th International Food Convention (IFCoN) TRIMSAFE at CFTRI, Mysuru, Karnataka, on 7-10 December 2023.
- 5] Participated in and attended the **Regional Soy Food Workshop at Kathmandu, Nepal**, on 22-23 November 2023.
- 6] International event “**Technological Advances in Climate-Smart Agriculture and Sustainability**” January 2017, at SGGGS College of Engineering, Nanded.
- 7] National event “**Krishi-Pragya 2011**” at SGGGS college of Engineering, Nanded, delivered a seminar on “**Role of Biotechnology in Food Processing Sector**”
- 8] National conference on “**Recent trends in food technology and management 2014**” at Department of Food Technology and Management, college of Non-Conventional Vocational Courses for women, CSIBER, Kolhapur.

- 9] Poster presentation on **“Preparation of RTE Aloo bhujia sev”** at the National Conference on “Recent trends in food technology and management 2014” at the Department of Food Technology and Management, College of Non-Conventional Vocational Courses for Women, CSIBER, Kolhapur.
- 10] Delivering a seminar on **“Food habits and their relation to Coronary heart diseases”** and **“Natural Coloring Pigments used in Food Processing”** during the academics of M.Tech.
- 11] Delivered a seminar on **“Six Sigma: Quality Standard”** during the academic year of B.Tech.

Industrial Intern Experience

- Worked as a **Trainee** at **“Warana milk and milk products Ltd., Malegaon MIDC, Sinnar, Dist.- Nasik (MS)”** During B. Tech Final year from 1 January 2006 to 31 March 2012
- Worked as a **Trainee** at **“Mothi Bakeries and Foods pvt. Ltd. At Davangere, Karnataka”** During M.Tech. Final year from 20 June 2014 to 20 August 2014

Diploma Courses Undergone

- Completed Three Days Training on Internal Auditor Open Program on **“Food Safety Management System (ISO 22000) and HACCP certification program”** held on 13th to 15th April 2012 at Rajiv Gandhi College of Food Technology, Parbhani in which secured 2nd rank
- Completed the **“Government of India’s CCC or DOACC computer course”** in 2011 with 54% marks.

Computer Skills

Typing Speed (English only)	40WPM.
Operating Systems	DOS, Windows 11,
Application Software Used	MS Office (MS-Word, MS-Excel, MS-PowerPoint)

Other Skills and Activities

- Successfully completed 240 hours of the **Regular Programme of the N.S.S.** Unit of Rajiv Gandhi College of Food Technology, Parbhani, during 2011– 2012.

Personal Information

Name	Nikhilesh Manikrao Amlepatil
Date of Birth	8th September 1990
Permanent Address	Vaibhav Nagar, Karegaon Road, Near Bal Vidya Mandir High School, Parbhani – 431 401. Maharashtra (India)
Contacts Number	+91-8237170315
E-Mail ID	nikhileshft03@gmail.com
Gender	Male
Marital Status	Married
Nationality	Indian
Languages Known	English, Hindi, Marathi
Interest	Upgrading knowledge in concerned field

References

Dr. I.S. Udchan

HoD. & Co-ordinator of Food
Technology

Department of Technology,

Shivaji University,

Kolhapur- 416 004

Contact NO.9822262946

Dr. Amol P. Khapre

Assistant Professor

Gov. College of Food Technology,

Vasantrao Naik Marthwada Krishi
Vidyapeeth,

Parbhani-431402

Contact No.8055226464

Prof. (Dr.) Anjali A. Bhoite

Associate Dean

School of Food Technology,

MIT-ADT University, Pune-412201

Contact No.-9766491915

DECLARATION

I, NIKHILESH MANIKRAO AMLEPATIL, the undersigned, hereby declare that all the information provided above is true and complete as per my knowledge and belief.

Date:

Place: Pune (M.S.)

(NIKHILESH MANIKRAO AMLEPATIL)