

Curriculum vitae



1. Personal Details

Name : **Dr. Pravin Motiramji Ganorkar**

Present Designation & Affiliation:

Assistant Professor,
Department of Food Processing Technology,
A.D. Patel Institute of Technology, Anand

Office Address : PO Box -52, Behind GIDC, New Vallabh Vidya Nagar,
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2. Qualifications:

Ph. D. (Food Processing Technology) **2014**; University: Sardar Patel University, Vidya Nagar, Anand, Gujarat

M.Tech. (Food Sciences) **2001 with distinction**; College of Food Technology, Marathwada Agricultural University, Parbhani, Maharashtra

B. Tech. (Food Sciences) **1999 with distinction**; College of Food Technology, Marathwada Agricultural University, Parbhani, Maharashtra

ICAR-NET 2001 qualified in Food Science & Technology

3. Areas of Interest:

Food Standards and Regulatory Requirements, Food Safety, Food Quality Assurance, Functional Foods, Extruded Foods, Starch and Modified starches, Food Packaging

4. Details of Professional Experience:

A. Research Experience: 1 year and 7 months

As **Senior Research Fellow** in ICAR, New Delhi funded project NATP (RNPS- 24) from 18th October 2001 to 20th May 2003.

B. Industrial Experience: 5 years and 6 months

- i. Worked as **Shift In-charge** at **Jain Irrigation Systems Ltd. (Food Division)**, Jalgaon, India in Individual Quick Freezing unit (In collaboration with *Taiyo Kagaku Co. Ltd., Japan*) from 20th March 2003 to 20th Jan., 2007.
- ii. Worked as **Asst Manager - Quality Assurance and R&D** with **Vadilal Industries. Ltd. (Processed Food Division)**, Dharampur, Valsad, Gujarat from Feb., 2007 to July, 2008.

C. Teaching Experience: 11 years 6 months

- i. Working as **As Assistant Professor** with Department of Food Processing Technology, A. D. Patel Institute of Technology, Anand, Gujarat from August 2008 to till date.
- ii. As Visiting faculty for the subject Food Packaging at S.M. Patel College of Home Science, Vallabh Vidya Nagar

D. As Counselor for Indira Gandhi National Open University diploma in “Value Added Products from Fruits and Vegetables” and “Diploma in Dairy Technology”

4. Funded Research Projects Details

SN	Role	Project Title	Funding Agency	Project cost & Status
1.	Principal Investigator	Development of process technology for functional snack food using flaxseed	Science and Engineering Research Board (SERB), Ministry of Food Processing Industries, Govt. of India, New Delhi (50:50)	Rs. 18,98,831/ Completed
2.	Co- Principal Investigator	Development of co-encapsulated symbiotic based extruded product	Gujarat State Biotechnology Mission (GSBTM), Dept. of Sci. & Technology, Govt. of Gujarat, Gandhinagar	Rs. 6,50,080/- Completed
3.	Co-Principal Investigator	Designing and Therapeutic Assessment of Nutrition cum restorative formulations for the management of painful – irregular in young and adolescent girls of Gujarat	Gujarat Council On Science and Technology, Department of Science and Technology, Govt. of Gujarat	Rs. 2,35,000/- Completed

4	Co-Principal Investigator	Application of Refractance Window Drier in Food Industry/ food product	Ministry of Food Processing Industries, Govt. of India	Rs. 14,94,312 May 2018 – April 2021 Ongoing
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5. Industrial Consultancies:

1	Title: Development of multigrain flour extruded product	M/s. Aakashganga Foods Pvt.Ltd., VallabhVidya Nagar, Anand, Gujarat Consultancy Cost: Rs.2.5 lacs Period: January, 2014 to December, 2015 Output given: Formulations of raw materials, processing parameters and packaging requirements
2	Title: Development of Process Technology for vitamin enriched strawberry jam	M/s. Eris Life Sciences Pvt. Ltd., Ahmedabad, Gujarat Consultancy Cost: Rs. 2.5 lacs Period: April 2016 to March 2018

Book Publication

1. S. Srivastav and **P. M. Ganorkar** (Editors) (2018). Fundamentals of Food Engineering and Applications. Brillion Publishing, New Delhi ISBN 978-9387296-1-45

Book Chapter

1. **Pravin M. Ganorkar**. (2018) Extrusion cooking technology. In Fundamentals of Food Engineering and Applications. Edited by S. Srivastav and **P. M. Ganorkar**. Page No. 133 – 148. Published by Brillion Publishing, New Delhi.

6. List of Research Publications

1. S Bansode, RC Ranveer, AR Tapre, **PM Ganorkar**, SB Sadale, AK Sahoo (2019) Enzymatic Clarification and Preservation of Aloe vera Juice by Ohmic Heating. Current Journal of Applied Science and Technology 35 (6):1-9 DOI doi.org/10.9734/cjast/2019/v35i630204
2. Dilip Jani, Jasmine Gujarathi, **Pravin Ganorkar**, K. Rukmini, Marian Patel, Harsha Jani, Mitesh Patel (2018) Heavy Metal Analysis of Raw Kaseesa by inductively coupled plasma (ICP). International Journal of Ayurveda and Pharma Research 6(2): 30 – 33 (ISSN: 2322 – 0902)
3. **Pravin M. Ganorkar**, Jhanvi M. Patel, Vrushti Shah, Vihang V Rangrej. (2016) Defatted flaxseed meal incorporated corn-rice flour blend based extruded product by response surface methodology. Journal of Food Science and Technology 53(4):1867-77 DOI 10.1007/s13197-015-2134-3 (Impact factor 1.797, ISSN: 0022-1155)
4. **Ganorkar P.M.** and Jain R.K. (2015). Development of flaxseed fortified rice – corn flour blend based extruded product by response surface methodology. Journal of Food Science

and Technology. 52 (8):5075-5083 DOI 10.1007/s13197-014-1541-1 (**Impact factor** 1.797, **ISSN:** 0022-1155)

5. **Ganorkar P.M.** and Jain, R.K. (2014). Effect of microwave roasting on cyanogenic glycosides and nutritional composition of flaxseed. *Bioinfolet* 11 (2C): 587-590 (**ISSN:** 0973-1431)
6. **Ganorkar P.M.** and Jain R.K. (2014). Effect of flaxseed incorporation on physical, sensory, textural and chemical attributes of cookies. *International Food Research Journal*. 21(4): 1515-1521 (**Impact factor** 0.559, **ISSN** 2231 754)
7. V. Rangrej, V. Shah, J. Patel and **P.M. Ganorkar** (2014). Effect of shortening replacement with flaxseed oil on physical, sensory, fatty acid and storage characteristics of cookies. *Journal of Food Science and Technology*. 52(6):3694-700. DOI: 10.1007/s13197-014-1430-7 (**Impact factor** 1.797, **ISSN:** 0022-1155)
8. **Ganorkar P.M.** and Kulkarni A.S. (2013) Studies on preparation and functional properties of carboxymethyl starch from sorghum. *International Food Research Journal*. 20(5): 2205-2210 (**Impact factor** 0.559, **ISSN** 2231 754)
9. **Ganorkar, P.M.** and Jain R.K. (2013). Flaxseed – a nutritional punch. *International Food Research Journal*. 20(2): 519-525. (**Impact factor** 0.559, **ISSN:** 2231 754)
10. **Pravin Ganorkar**, Anil Nandane and Ajay Tapre (2012). Reverse osmosis for fruit juice concentration – a review. *Research and Reviews: Food Science and Technology*. 1 (1): 97-110 (**ISSN:** 2321–6468)
11. **P.M. Ganorkar**, D.B. Wankhede, S.K. Arifuddin, Md. Fayazuddin and P.N. Satwadhar (2002). Studies on isolation, purification, physiochemical and pasting behavior of starch from two varieties of horse gram. *Advances in Arid Legumes Research*.pp:328-333 (**ISBN:** 9788172333423)

7. Details of Training, Symposium, Workshop, Seminar, Guest Lectures attended/organized/ delivered

- i) Attended short term training programme on **Innovative Food Processing Technologies** at **IIT, Kharagpur** during 4th Oct. to 15th Oct. 2004.
- ii) Attended Two Day Symposium on **Drying and Dehydration in Food & Chemical Industries – Recent Advances** held during 22-23 August, 2008 at Food processing Tech. Dept., A.D.I.T. and Dept. of Chemical Eng. GCET, VV Nagar.
- iii) Attended one day course on **Chemical Engineering for Non Chemical Engineering** held on 11 Oct. 2008 at Dept. of Chemical Eng., G.H. Patel College of Eng. & Tech., VV Nagar.
- iv) Attended Faculty Development Programme in **Communication Skills Through**

Technology held during 24 – 29 November, 2008 at H.M. Patel Career Development Centre, VV Nagar.

- v) Attended Faculty / Executive Development Programme on **Advances and Opportunities in Food Processing Technology** held during 23-27 Feb.,2009 organized by Dept. Of Food Processing Technology, A.D. Patel Institute of Technology, New Vallabh Vidya Nagar.
- vi) Attended National Food Processing Technology Seminar on **“Innovations of Food Processing in the 21st Century”** organized by Department of Food Processing Technology at A.D. Patel Institute of Technology, New Vallabh Vidya Nagar, Anand, Gujarat, held during 8 – 10th July, 2010.
- vii) Attended two week workshop on **“Introduction to Research Methodologies”** under the National Mission on Education through ICT sponsored by MHRD, Government of India and conducted by IIT, Bombay from 25th June to 4th July, 2012 at remote centre Madhuben & Bhanubhai Patel Women’s Institute of Engineering, Anand (Centre code: 1057)
- viii) Participated in 21 days ICAR winter school programme entitled **“Food Safety Management Systems (FSMS) required in Food Chain”**, organized by Department of Food & Industrial Microbiology, College of Food Technology, Marathwada Krishi Vidyapeeth, Parbhani from 21st Nov. to 11th Dec., 2012.
- ix) Participated in a One Day workshop on **Novel Technologies for Drying of Foods** sponsored by AFSTI and ISTE chapter ADIT, organized by A.D. Patel Institute of Technology on 5th March, 2013
- x) Participated in National Seminar on **Food Quality and Safety – New Technologies and Applications** organized by College of Food Processing Technology and Bio-energy, AAU, Anand on 15-16 October, 2014
- xi) Attended National Seminar on **Gujarat: Opportunities in Food Processing** held on 18th – 19th April 2015 organised by Department of Food Processing Technology, A.D. Patel Institute of Technology, Anand
- xii) Participated in Two week short term training programme entitled **“State of the Art Technologies in Food Engineering”** organized by Department of Food Processing Technology, ADIT during 10th to 21st August 2015
- xiii) Attended guest lecture on the topic **‘Emerging Technology Platforms and Packaging Needs for Food and Dairy Sector’** by Mr. Sumit Saha, Senior Manager, Print Pack packaging Supplies Pvt. Ltd., sponsored by AFSTI, Vallabh Vidya Nagar Local Chapter organized by Department of Food Processing Technology, ADIT on 26th Sept., 2016

- xiv) Attended Guest Lecture on the topic '**Interview Skills**' by Mr. Subhanwasha Mahapatra, HR manager, NDDDB sponsored by AFSTI (I), Vallabh Vidya Nagar Local Chapter and organized by Department of Food Processing Technology, ADIT on 24th Sept., 2016
- xv) Attended Guest Lecture on the topic '**Certification of Processed Food Products**' by Mr. Manoj Chavan, Dy. Director, Bureau of Indian Standards sponsored by AFSTI (I), Vallabh Vidya Nagar Local Chapter and organized by Department of Food Processing Technology, ADIT on 17th Sept., 2016
- xvi) Attended 22nd ISTE State Annual Faculty Convention 2017 and National Conference on "**Engineering Innovations for Social and Environmental Development**" jointly organized by ISTE Gujarat Section and A.D. Patel Institute of Technology, New Vallabh Vidya Nagar, Anand on 30th Dec., 2017
- xvii) Attended Workshop on **Student Parenting** under **Kaizen Initiatives for Academics** organized by H.M. Patel Career Development Centre, Vallabh Vidya Nagar, Anand on 4th September, 2018.
- xviii) Attended Workshop on **Team Creativity @ Workplace** under **Kaizen Initiatives for Academics** organized by H.M. Patel Career Development Centre, Vallabh Vidya Nagar, Anand on 5th October, 2018.
- xix) Organized Brain Storming Session on "How to write a research proposal" for faculty staff at A.D. Patel Institute of Technology, New Vallabh Vidya Nagar on 25th June, 2018

Expert Talk / Guest Lecture Delivered

- i) Delivered expert talk on **Extrusion Cooking Technology** during AICTE sponsored National Level Two Weeks Summer School (10th – 21st August, 2015) on "State of the Art Technologies in Food Engineering" organized by Department of Food Processing Technology, ADIT
- ii) Guest Lecture delivered on **Different Types of Packaging Material used in Food Packaging and Recent Technologies in Food Packaging** at Charutar Vidya Mandal Higher Secondary School, Vocational Stream – Home Science under the subject of Plant Management on 30th August, 2017.

8. Professional recognition:

1. Life Member of Indian Society For Technical Education (ISTE)
2. Life Member of Association of Food Scientists and Technologists, CFTRI, Mysore
3. Life Member of Institute of Engineers India
4. Life Member of Indian Arid Legume Society, Jodhpur, India
5. **Editorial board member of Indian Food Industry** published by Association of Food Scientists and Technologists, India, CFTRI Campus, Mysore from 2016 to 2019.

Award/fellowship:

1. Awarded with **AFST(I)** Education and Publication Trust scholarship, CFTRI Campus, Mysore during M.Tech.(Food Sciences) in July 2000.
2. Awarded for significant contribution in College Development during 2015-16 at A.D. Patel Institute of Technology, New Vallabh Vidya Nagar, Anand, Gujarat

9. Additional activities:

- Worked as ADIT Boys Hostel Rector (July 2014 to Nov. 2017)
- Worked as ADIT Boys Hostel Superintendent Block 5 (July 2010 to June 2014)
- Worked as Food Committee member
- Working as Student Startup and Innovation Policy (SSIP) Departmental Coordinator and Process Member
- Working as Reviewer for following referred journals
 - ✓ Food Chemistry
 - ✓ Trends in Food Science and Technology
 - ✓ Journal of Food Science and Technology
 - ✓ Food Processing Engineering
 - ✓ Food and Byproduct Processing
 - ✓ Brazilian Archives of Biology and Technology
 - ✓ International Food Research Journal
- Working as Departmental Library In-Charge since August 2008 to till date
- Working as Perishable Food Processing Laboratory In-charge since March 2014 to till date
- Working as Process Member in following ISO process
 - ✓ Library Services
 - ✓ IT Services
 - ✓ Outsourced Facilities
- Working as Write off committee member
- Working as Dept. Purchase committee member
- Technical Event Management (Zero15 Poster Presentation and New Product Development, Spectrum 2016:-Transportation committee, Event co-ordinator for Food-o-Logy, Spectrum 2017:Sensory Evaluation Event co-coordinator, Accommodation and transportation committee member)
- Republic Day Celebration committee member-2017

10. Guide to UG student's project: 14

Date: 10th January, 2020

Pravin M. Ganorkar

Place: New Vallabh Vidya Nagar, Anand