

Dr. Anil S. Nandane

Associate Professor

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📖 Scopus ID: 36447878500



"Education is not the learning of facts, but training of the mind to think." - Albert Einstein

Education

- Sep 2012 **Ph.D. Food Processing Technology**, Sardar Patel University, Anand, Gujarat.
Thesis Title: *Application of Composite Edible Coating for Fresh Fruits and Vegetables and Development of Protein Based Edible Film*
- Jan 2001 **M.Tech. Food Sciences**, CGPA 8.81/10, Marathwada Agricultural University, Parbhani, Maharashtra.
Thesis Title: *Studies on Preparation of Osmotically Dehydrated Carrot Cubes.*
- July 1998 **B.Tech. Food Sciences**, CGPA 8.28/10, Marathwada Agricultural University, Parbhani, Maharashtra.
Project Work: *A Review on - Studies of Bacteriocins and Their Applications in Food Industry.*
- June 1994 **Higher Secondary Certificate**, Marks 69.17%, Maharashtra State Board of Secondary and Higher Secondary Education, Divisional Board:Aurangabad, Maharashtra.
- June 1992 **Secondary School Certificate**, Marks 82.14%, Maharashtra State Board of Secondary and Higher Secondary Education, Divisional Board:Aurangabad, Maharashtra.

Professional Experience

Academics

- July 2009 - Present **Associate Professor**, A.D. Patel Institute of Technology, Anand, Gujarat.
- Aug 2005 - June 2009 **Lecturer/Assistant Professor**, A.D. Patel Institute of Technology, Anand, Gujarat.
- Mar 2005 - Aug 2005 **Assistant Professor**, Mokashi College of Food Technology, Karad, Maharashtra.

Research

- Jan 2003 - Dec 2004 **Senior Research Fellow**, NATP Project- Value Addition of Safflower Petals, College of Food Technology, Parbhani, Maharashtra.

Industry

- Aug 2000 - Aug 2002 **Quality Control Officer**, Makson Healthcare (P) Ltd., Mandideep, Bhopal, Madhya Pradesh.
- Sep 1998 - Oct 1998 **Trainee Food Technologist**, Warana Agricultural Goods Processing Co-operative Society (WAGPCOS), Warananagar, Dist Kolhapur, Maharashtra.

Jan 1998 - **Inplant Trainee** , *Finns Frozen Foods (India) Ltd.* , Plot No. A-1, GIDC, Sinnar, Dist
Apr 1998 Nashik, Maharashtra.

Additional Qualification

NET **ARS/NET 2004** , *Qualified National Eligibility Test 2004*, "Conducted by Agriculture Scientists Recruitment Board (ASRB) New Delhi.

CCC **Certificate Course on Computer Concepts** , *Conducted by DOEACC Society*, "Central India Computers, Parbhani, Dec. 2002.

Research/Consultancy Projects

Apr 2016 - **Co-Consultant**, *Project Title* Development of Vitamin Enriched Strawberry Jam, Sponsored
Mar 2018 by Eris Life Sciences Pvt. Ltd, Shivarth Ambit, Plot No 142/2 Ramdas Road Off SBR,
Bodakdev, Ahmedabad.
Project Cost: 2.5 Lakhs

Sep 2012- Mar **Co-Investigator**, *Project Title* Development and optimization of edible coating formulations
2015 to improve the postharvest quality and shelf-life of underutilized short lived fresh fruits by
using RSM, Sanctioned by Ministry of Food Processing Industries G.O.I., Total project cost
of Rupees 17.13 lakhs.

Post Graduate Dissertations/Projects Guided

M.Tech (Food **Project Title** *Characterization and Utilization of Black Wheat for Value Added*
Technology) **Bakery Products**, *Student Name-* Ms. Aishwarya Paranjape, Month and Year of Passing-
07/2022.

Books/Book Chapter

Book **A.S. Nandane and R.K. Jain**, *Title:Soy Protein Based Edible Packaging: Study of Coating Application and Film Properties* , Publisher:Scholar's Press, 2012 ISBN 978-3-639-66141-5.

Book Chapter **A.S. Nandane** , "*Edible Packaging for Fruits and Vegetables*" in *Fundamentals of Food Engineering and applications* , Publisher:Brillion Publishers, 2018, ISBN 978-93-87296-1-45.

Book Chapter **A.S. Nandane and Rahul C. Ranveer**, "*Antioxidative Effects of Subtropical Fruits Rich in Anthocyanins in Sub-Tropical Fruits* by M. Selvamuthukumar, pp 149-160, Newgen Publishing UK Ltd.Dec 2022, ISBN 978-1-032-12795-8 .

Book Chapter **A.S. Nandane**, "*Value Addition of Fruit Processing Industrial Waste*" in *Wealth Out of Waste for Food Processing Industries* by M. Selvamuthukumar, CRC-Taylor & Francis-Under publication.

Book Chapter **A.S. Nandane**, "*Quality Assurance of Processed Products from Yak Milk*" in *Yak Milk: Processing Methods and Production Technology* by M. Selvamuthukumar, CRC-Taylor & Francis-Under publication.

Journal Publications

[1] Ranveer R.C. Rathod N.B. **Nandane A.S.** Sahoo A.K. and Ganorkar P.M. "Storage stability of microencapsulated anthocyanin extracted from kokum (*Garcinia indica*) rind". In: *Food Research* 6 (Dec. 2022), pp. 298–305. ISSN: 2550-2166. DOI: doi.org/10.26656/fr.2017.6(6).870.

[2] Dolas K, Ranveer Rahul, Tapre A., **Nandane Anil**, and Sahoo A. "Effect of starch modification on physico-chemical, functional and structural characterization of cassava starch (*Manihot esculenta* Crantz)". In: *Food Research* 4 (Apr. 2020), pp. 1265–1271. ISSN: 2550-2166. DOI: 10.26656/fr.2017.4(4).075.

- [3] Ganorkar Pravin, Desai Preyash, Ranveer Rahul, and **Nandane Anil S.** "Effect of Flaxseed Oil Inclusion and Extrusion Cooking Parameters on Extruded Snack-food Physical and Functional Properties". In: *European Journal of Nutrition Food Safety* 12 (Dec. 2020), pp. 112–122. ISSN: 2347-5641. DOI: 10.9734/EJNFS/2020/v12i1230371.
- [4] Ranveer Rahul, **Nandane A.**, Ganorkar Pravin, and Sahoo A. "Enzyme-Assisted Extraction of Anthocyanin from Kokum (*Garcinia indica* Choisy) Rinds". In: *European Journal of Nutrition Food Safety* 12 (Dec. 2020), pp. 125–133. ISSN: 2347-5641. DOI: 10.9734/EJNFS/2020/v12i11030309.
- [5] **Nandane Anil** and Jain R. "Optimization of Formulation and Process Parameters for Soy Protein-Based Edible Film Using Response Surface Methodology". In: *Journal of Packaging Technology and Research* 2 (Oct. 2018), pp. 203–210. ISSN: 2520-1034. DOI: 10.1007/s41783-018-0045-2.
- [6] Dave Rudri, Rao T. V. Ramana, and **Nandane A. S.** "RSM-Based Optimization of Edible-Coating Formulations for Preserving Post-Harvest Quality and Enhancing Storability of Phalsa (*Grewia asiatica* L.)". In: *Journal of Food Processing and Preservation* 40.3 (2017), pp. 509–520. ISSN: 1745-4549. DOI: <https://doi.org/10.1111/jfpp.12630>.
- [7] Dave Rudri, Ramana Rao T. V., and **Nandane Anil.** "Improvement of post-harvest quality of pear fruit with optimized composite edible coating formulations". In: *Journal of Food Science and Technology* 54 (Sept. 2017), pp. 1–11. ISSN: 0022-1155. DOI: 10.1007/s13197-017-2850-y.
- [8] **Nandane Anil**, Dave Rudri, and Ramana Rao T. V. "Optimization of edible coating formulations for improving postharvest quality and shelf life of pear fruit using response surface methodology". In: *Journal of Food Science and Technology* 54 (Dec. 2016). ISSN: 0022-115. DOI: 10.1007/s13197-016-2359-9.
- [9] Madan Aditya, Jain R.K., and **Nandane Anil.** "Development of Active Modified Atmosphere Lab Scale Setup to Study the Effect on Shelf-life of Banana (var. 'Robusta')". In: *Research Reviews: Journal of Food Science Technology* 3 (Apr. 2014), pp. 1–10. ISSN: 2278-2249.
- [10] **Anil S. Nandane** and Rajeevkumar Jain. "Study of mechanical properties of soy protein based edible film as affected by its composition and process parameters by using RSM". In: *Journal of Food Science and Technology* 52 (June 2014), pp. 3645–3650. ISSN: 0022-115.
- [11] Ruby Balchandani, **Anil S. Nandane**, and Saswata Biswas. "Designing and Developing a RTS Convenience Snack for Diabetics". In: *International Journal of Clinical Case Reports* 3 (2013), pp. 1–6. ISSN: 1927-579X. DOI: 10.5376/ijccr.2013.03.0001.
- [12] **Nandane Anil** and Jain R. "Value Addition of Fruits and Vegetables by Edible Packaging: Scope and Constraints". In: *Research Reviews: A Journal of Food Science Technology* 1 (Apr. 2012), pp. 1–11.
- [13] **Anil Nandane** Pravin Ganorkar and Ajay Tapre. "Reverse osmosis for fruit juice concentration- A review". In: *Research Reviews: A Journal of Food Science Technology* 1 (Apr. 2012), pp. 23–36.
- [14] **A.S. Nandane** and R.K. Jain. "Effect of Composite Edible Coating Treatment on Physical, Textural and Microbial Quality of Tomatoes Stored At Ambient Conditions". In: *International Journal of Emerging trends in Engineering and Development* 2 (2011), pp. 1–12. ISSN: 2249-6149.
- [15] Nandane Anil. "Effect of composite edible coating on physicochemical properties of tomatoes stored at ambient conditions". In: *International Journal of Advanced Engineering Technology II* (Dec. 2011), pp. 211–217.
- [16] Ahuja R, Jain Dr. R K, **A. S. Nandane**, Lakadawala M, Patel S, and Katkoriya M. "Optimization of the formulation of bio-active throat soothing lozenges". In: *Journal of The Institution of Engineers (I)*, 89 (2009), pp. 12–18.
- [17] Sakhale Bhagwan, **Nandane Anil**, and Ranveer Rahul. "Studies on Dehydration of Curry Leaves". In: *ADIT Journal of Engineering* 4 (Jan. 2007), pp. 62–64.
- [18] K.K. Mitkari, P.N. Satwadhar, Deshpande H. W., **A.S. Nandane**, and R.K. Patil. "Studies on Utilization of Ginger-Garlic-Chilli paste in bread as adjuncts". In: *Beverage and Food World* 34 (2007), pp. 35–36.
- [19] **Nandane Anil**, A. Tapre, and Ranveer Rahul. "Applications of Bacteriocins as Bio-preservative in Foods: A Review". In: *ADIT Journal of Engineering* 4 (Jan. 2007), pp. 50–55.

- [20] **A.S. Nandane** and R.V. Prasad. "Enzymes: Some Basic Concepts and Applications in Food Industry". In: *ADIT Journal of Engineering* 3 (2006), pp. 66–71.
- [21] **A.S. Nandane**, P.N. Antwal, and G.S. Patil. "Organoleptic Evaluation and Rehydration Ratios of Osmotically Dehydrated Carrot Cubes". In: *Mysore Journal of Agricultural Sciences* 38 (2004), pp. 149–151.

Additional Research Contribution

- Recognized Ph.D. guide for CVM University
- Ph.D. Advisory Committee member for Mr. Satyendra Kumar Misra in Dec 2016 at AAU Anand
- Ph.D. Advisory Committee member for Mr. Harsh Prakash Sharma in Oct. 2017 at AAU Anand
- Ph.D. Advisory Committee member for Mr. Bhaumik D. Patel in May 2017 at AAU Anand
- Paper Setter, Evaluator and Practical Examiner
 - Anand Agricultural University Anand
 - Sardar Krishinagar Dantewada Agricultural University Dantewada
 - Vasant Rao Naik Marathwada Agricultural University Parbhani
 - Gujarat University Ahmedabad
 - Maharana Pratap University of Agriculture and Technology, Udaipur
 - Gujarat Technological University, Ahmedabad
 - Sardar Patel University Vidyanagar
- M.Tech Thesis Viva Examiner - 19 Candidates
- M.Tech Thesis Evaluation - 12 candidates
- Ph.D. Thesis Evaluation: 2 candidates

Value Added Courses

1. Researcher Academy Course on "Mendeleev for Research" at Government Engineering College, Dahod on 19th March 2023
2. Coursera Course on "Response Surface, Mixtures and Model Building" offered by Arizona State University on 9th Aug 2022.
3. Coursera Course on "Work Smarter with Microsoft Powerpoint" offered by Microsoft on 2nd April 2022.
4. Coursera Course on "Getting Started with Microsoft OneDrive" offered by Coursera Project Network on 22nd Feb 2022.
5. Coursera Course on "Create a Virtual Classroom using Google Slides" offered by Coursera Project Network on 17th Feb 2022.
6. Coursera Course on "Online teaching: Using Zoom to connect with learners" offered by Macquarie University on 12th Feb 2022.
7. Coursera Course on "Create video, audio and infographics for online learning" offered by Macquarie University on 5th Feb 2022.
8. Coursera Course on "Online education: The foundations of online teaching" offered by Macquarie University on 4th Feb 2022.
9. Online certificate course on "Latex101x: Latex for students, Engineers and Scientists" offered by Indian Institute of Technology, Bombay during 2nd Aug 2021 to 22nd Nov 2021.
10. Certificate course on "Nurturing Innovation and Startup Ecosystem (NISE) organized by Gujarat Student Startup and Innovation Hub (i-Hub) during 8th Sep to 23rd Oct 2020
11. Online Short Term Course on "Latex: for everyone and everything" conducted by Level Up, Ahmedabad during 22nd August to 6th September 2020.

12. Online Course on “Outcome Based Education and NBA Accreditation Process” during 8th June to 12th June 2020 organized by Indian Society for Technical Education (ISTE)
13. Online Course on Examination Reforms during 29th April to 2th May 2020 organized by AICTE. New Delhi
14. One day course on “Chemical Engineering for Non-chemical Engineers” organized by dept. of Chemical Engg. on 27th Oct,2007 at G.H.Patel College of Engineering and Technology, Vidyanagar, Anand.
15. Attended one month certificate course on ‘Communications Skills Through Technology’ from 1/12/2005 to 31/12/2005 by H.M. Patel Career Development Center, Vidyanagar, Anand

Paper Presentation

1. Rudri Dave, T.V. Raman Rao and **A.S. Nandane** “Optimization of edible coating formulations for improving Post-harvest quality and shelf life of Phalsa (*Grewia asiatica* L.) presented at 102nd Indian Science Congress hosted by University of Mumbai , Mumbai from 3-7 January 2015
2. Rudri Dave, T.V. Raman Rao and **A.S. Nandane** “Optimization of edible coating formulations containing Mulberry Leaf Extract for improving Post harvest quality and self life of Mulberry (*morus alba*. L) presented at International Conference on Emerging Challenges in Biotechnology, Human Health and Environment on dec 18-20 2014 held at Devi Ahilya University Indore
3. Laxmi V. Kholkar, **A.S. Nandane** Sweta Vaingankar and Ghanshyam Kapadiya “Effect of Aloe vera Gel Based Edible Coating on Oil Uptake of Fried Potato Chips” presented at National Seminar on Food Quality and Safety – New Technologies and Applications on during ADROIT’14 held at College of Food Processing Technology and Bioenergy, AAU, anand on 15th October 2014.
4. Rudri Dave, T. V. Ramana Rao and **A.S. Nandane** “Development and optimization of edible coating formulations for improving postharvest quality of pear (*Pyrus communis*. L. cv ‘Babughosa’) using RSM” presented in the “Young Scientist Session” of National Conference of Plant Physiology-2013 held at Directorate of Groundnut Research, Junagadh, Gujarat during December 13-16,2013
5. **A.S. Nandane** and R.K. Jain "Value Addition of Fruits and Vegetable by Edible Packaging: Scope and Constraints" at National Symposium on Emerging Innovative Technologies for Assurance of Quality and Safety in Processed Food organized by Indian National Academy of Engineers at Indian Institute of Technology Kharagpur during 24th to 25th Feb 2011
6. **A.S. Nandane**“Development of Edible Coating for Fresh Fruits and Vegetables- A review” at National Food Technology Seminar on “Innovations of Food Processing in the 21st Century” organized by Dept. of Food Processing technology ADIT during 8/7/2010 to 10/7/2010
7. **A.S. Nandane**"Applications of Nanotechnology in Food and Allied Industries” at National conference on Biochemical held at G.H. Patel College of Engineering and Technology Vidyanagar during 12/03/2010 to 13/03/2010
8. **A.S. Nandane**“Effect of Formulation on Mechanical Properties of Soy Protein Isolate Edible Film” at 6th International Food Convention during 15-19 december, 2008 at CFTRI Mysore.
9. **A.S. Nandane**“Antioxidative Nutraceuticals and Human Health: A Review” at 4th Nutraceutical summit jointly organized by Central Food Technological Research Institute, CSIR and MMactive during 21st -23rd Feb. 2008 at World Trade Center,Mumbai
10. **A.S. Nandane**“Packaging of Pickles and Preserves” at International Orientation Program on Packaging Technologies and Machinery for Food Processing sector held during 6-15th Feb. 2007 at SIES School of Packaging, Nerul, Navi Mumbai
11. **A.S. Nandane**"Applications of Bacteriocins as Biopreservatives in Foods” at National Conference on Food and Nutrition Security: Biotechnological interventions during 22-23rd March 2006 at SLIET, Longowal, Punjab.

12. "Application of Safflower Petal Colour in Mushroom Chutney" at Vth International Food Convention held at Mysore during 5-8th Dec. 2003
13. "Studies on Development and Standardization of Herbal Saffo-tea from Safflower Petals" at Vth International Food Convention held at Mysore during 5-8th Dec. 2003
14. Studies on Utilization Of Ginger, Garlic and Chilli Paste in Bread as Flavour Adjunct" at Vth International Food Convention held at Mysore during 5-8th Dec. 2003
15. Utilization of Safflower Petals in Various Food Product as Natural Food Colourant" at Vth International Food Convention held at Mysore during 5-8th Dec. 2003

Technical Events Organized

- Coordinator World Food Day 2023 celebration on 13th Oct.2023
- Coordinator webinar on "Beer:Malt to Golden Liquid" by Ms. Parthi Desai, Assistant Manager- Quality, AB InBev Pvt. Ltd. Mysuru on 20th March 2023
- Coordinator Sri. GCP Rangarao and Dr H A B Parpia Memorial Lectures organized by Association of Food Scientists and Technologists (India) with support of Department of Food Processing Technology, A. D. Patel Institute of Technology, a constituent college of CVM University on 21st Dec.2022
- Coordinator World Food Day 2022 celebration on 15th Oct.2022
- Coordinator- National Science Day 2022 organized on 28th February 2022
- Member organizing committee- International E-Conference on "Post COVID Journey of Food Processing Sectors" organized by dept of Food Processing Tech. A.D. Patel Institute of Technology on 17th -18th Sep. 2021
- Coordinator World Food Day 2021 celebration on 16th Oct.2021
- Coordinator webinar on "How to Get Quality Internship?" by Mr. Prashant Sugandh, ICEGATE, Anand on 13th march 2021
- Coordinator "World Food Day 2020" on 16th Oct. 2020
- Coordinator webinar on "Research and Development Avenues in Confectionery Industry" by Ms. Alfy Anto on 25th July 2020
- Coordinator online certificate course on "Innovations in Food Processing" organized by Department of Food Processing Technology, A.D. Patel Institute of Technology during 25th May 2020 to 27th May 2020.
- Coordinator Webinar by Mr. Monarch Shah on entrepreneurship way of life on 28th May 2020
- Coordinator Webinar by Mr. Arpit Badani of Indian Institute of Packaging on 23rd May 2020
- Coordinator Webinar by Mr. Sandip Rajyaguru from Roquette India Pvt. Ltd on 22nd May 2020
- Coordinator online certificate course on "Growth and Development of Food Processing Industry In India" organized by Department of Food Processing Technology, A.D. Patel Institute of Technology during 18 May 2020 to 20th May 2020.
- Coordinator online certificate course on "Processing and Packaging Techniques in Food Industry" organized by Department of Food Processing Technology, A.D. Patel Institute of Technology during 4th May 2020 to 6th May 2020
- Coordinaoer online Certificate Course on "Food Processing Technology- Principles and Opportunities" organized by Department of Food Processing Technology, A.D. Patel Institute of Technology during 25th April 2020 to 30th April 2020.
- Coordinator "World Food Day 2016" on 20th and 21st Oct. 2016
- Coordinator 22nd ISTE State Annual Faculty Convention 2017 and National Conference on "Engineering Innovations for Social and Environmental Development" on 30th December 2017
- Faculty Coordinator for "Food Monopoly Event" during GTU Techfest-SPECTRUM 2017 organized during 2nd to 3rd March 2017
- Coordinator expert talk on "Certification of Processed Food Products" by Mr. Manoj B. Chavan, Deputy Director, BIS, Ahmedabad on 17th Sep 2016
- Coordinator "49th Engineers' Day" jointly organized by The Institution of Engineers (India), V V Nagar and A.D. Patel Institute of Technology, New V V Nagar held on 15th September, 2016.

- Faculty Coordinator for “Food Monopoly Event” during GTU Techfest-SPECTRUM 2016 organized during 22nd to 24th February 2016
- Faculty Coordinator of Food Processing Technology Dept. during technical event “Tech-Nix’15” organized on 12th – 13th Sep. 2015 as a part of Engineer’s Day Celebrations at ADIT
- Department coordinator of Food Processing Technology department for the technical event “SAMATVA’13” held at M.B. Patel Institute of Information and Communication Technology, New Vallabh Vidyanagar during 4-6th April 2013
- Coordinator one day workshop on “Novel Technologies for Drying of Foods” on 5/3/2013 at AAU anand
- Department coordinator for Food Processing Technology events for the technical event “Brahmastra 09” held at Birla Vishwakarma Mahavidyalaya Vidyanagar during 7-9th April 2009.

———— Seminar/Workshop/Symposium Attended

1. 7 Day National Level Online Faculty Development Program on ChatGPT & AI Tools for Educators, organised by Marian College Kuttikkanam (Autonomous) in association with The Kerala State Higher Education Council from 14 June to 21 June 2023
2. International Lecture titled "Research Problem Identification & Literature Review " organized by Department of Research Publications, A2Z EduLearningHub LLP on 15-05-2023.
3. 7 Day National level Online Faculty Development Program on Outcome Based Education' organised by St. James College of Nursing and St. James College of Pharmaceutical Sciences, Chalakudy in association with The Kerala State Higher Education Council from 08 March to 15 March 2023.
4. Three days online Faculty Development Programme on Advanced LaTeX organized by Vellore Institute of Technology, Chennai Campus during 27th to 29th June 2022
5. Six Day National level Online Faculty Development Program on Outcome Based Education' organised by the Internal Quality Assurance Cell of St. Joseph's Degree PG College (Autonomous), Hyderabad in association with ipsr solutions limited 25 April 2022 to 30 April 2022.
6. AICTE-ISTE approved Orientation/Refresher Program on “Blockchain Technologies and Application” during 14th Feb to 19th Feb. 2022 organized by Pacific School of Engineering, Surat.
7. Two day online workshop “Write Research Article using Latex conducted by Aditya College of Engineering, Surampalem Andhra Pradesh on 27-28 Dec. 2021
8. AICTE-ISTE approved Orientation/Refresher Program on “Computational Methods of Analyzing, Modelling and Predicting the Behavior of Exploitative or Applicatory Biological Systems” during 22nd Dec 2021 to 29th Dec. 2021 organized by VVP Engineering College, Rajkot.
9. National level Intercollegiate Online Faculty Development Program on Outcome Based Education organised by the Internal Quality Assurance Cell of Auxilium College (Autonomous), Vellore in association with IPSR solutions limited during 22 November 2021 to 27 November 2021
10. AICTE sponsored International E-Conference on “Post COVID Journey of Food Processing Sectors” organized by dept of Food Processing Tech. A.D. Patel Institute of Technology on 17th -18th Sep. 2021
11. International Faculty development program on “Pedagogical shift from text to hypertext : language and literature to the digital natives” organized by Sri S. Ramasami Naidu Memorial College and University of Malaya, Malaysia during 13-17 Sep 2021
12. Online FDP on “Multiple Strategies for Creativity, Problem Solving and Innovation” organized by Faculty of Commerce and Management, CVM university during 1st to 11th July 2021
13. Webinar on “Value Addition of Fruits and Vegetables ” Organized by, Division of Food Technology, Department of Chemical Engineering, Vignan’s Foundation for Science, Technology and Research, Vadlamudi, Guntur Dist. on 31 May 2021.

14. One day virtual workshop titled "Excel at MS Excel for Effective Organization of Quantitative Metrics data of NAAC" conducted on 15th May 2021 by Vidyankar Institute of Technology (VIT), Mumbai.
15. AICTE – ISTE Sponsored Induction / Refresher Program (Online) on “Advanced Training Program on Teaching” (Phase – III) held during 6/04/2021 to 12/04/2021 organized by Department of Computer Science and Engineering, MREC (Autonomous), Hyderabad, Telangana
16. Online workshop on “Curriculum Design and Development” organized by H. M. Patel Career Development Center, Vidyanagar from 12th March 2021 to 23rd April 2021
17. Two days workshop on “Application of Gnomio Moodle for Outcome Based Education” organized by Madhuben and Bhanubhai Patel Institute of Technology, New Vallabh Vidyanagar during 12th -13th February 2021
18. International webinar organized by Plantagenomia on “Nutritionally Enhanced Cereals for Food & Nutrition Security” delivered by Dr. Velu Govindan, Senior Scientist and Wheat Breeder, CIMMYT, Mexico through Virtual mode on 24 th Jan 2021
19. Four days faculty development program on “ Green Chemistry and Technology for Sustainable Engineering” organized by School of Engineering, P. P. Savani university during 18th – 21st January 2021
20. UGC sponsored Inter-disciplinary Refresher course on “Engineering and Technology (online)” from 1st to 14th Dec. 2020 organized by HRDC, Mizoram University.
21. Three days National webinar on “Emerging opportunities in Food Processing Sector” from 1st to 3rd Oct. 2020 organized by KSK college of Food Technology, Beed
22. Two Day National Level Online Workshop on Insightful Rudiments of Originating Google Forms & Generating Certificates on 25th and 26th Sep.2020 arranged by Balaji Institute of Technology & Science, Narsampet, Warangal Rural, Telangana
23. International webinar series on “Nutrition and Health-Eat Right Bite by Bite” from 21st Sep. to 25th Sep 2020 organized by RKVY-RAFTAAR Agri Business Incubator, College of Food Processing Technology and Bio energy, AAU anand
24. National Webinar on “Green Technology in Food Processing” Organized by the National Agricultural Higher Education Project (NAHEP) – Innovation Grant on 15th Sep 2020 organized by Faculty of Dairy Technology West Bengal University of Animal & Fishery Sciences Mohanpur, Nadia – 741 252, West Bengal
25. Online Five-Day Faculty Development Program on “Research Methodology and Scientific Tools” during 9th to 13th Sep.2020 organized by Government College Satnali, Mahendergarh
26. Webinar on “Scope of Food Technology in Light of COVID-19” held on 6th September 2020, organized by FUDEN club NIT Rourkela.
27. UGC (Paramarsh) Online One Week Faculty Development Programme (FDP) on “E-Content Development” organized by Shri Shivaji College, Parbhani during 31st August 2020 to 5th September 2020.
28. One Week Online National Faculty Development Program on E-Contents and ICT Tools for Innovative and Effective Teaching & Learning Process” Organized by Roorkee College of Management & Computer Applications, Roorkee from 8 August to 14 August, 2020.
29. 2-Day Online Workshop on ‘Online Teaching & E-Content Development’ on 10th and 11th August, 2020 organized by Manipal University Jaipur.
30. One day online training on Process Optimization Techniques and Texture Profile Analysis organized by College of Food Technology, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar, Dist-Banaskantha, Gujarat, India on 05th August 2020

31. "One Week Online National Faculty Development Program on E-Contents and ICT Tools for Innovative and Effective Teaching" Organised by KS Jain Institute of Engineering and Technology, Modinagar, Ghaziabad from 15th July to 21st July, 2020.
32. FDP on "ICT in Teaching & Evaluation" organized by MSP Mandal's Shri Shivaji College, Parbhani (Maharashtra) during 13th July – 18th July 2020
33. One day online workshop on NAAC – Assessment & Accreditation Step By Step Process And Procedure conducted on 12th July 2020 organized by V.B. Academy.
34. Faculty Development Program on " ICT Based Teaching and Learning Process " during 1st to 5th July 2020 organized by RCP, Roorkee
35. Faculty Development Program on "Funding Opportunities for Research Projects" on 24th June 2020 IQAC, Periyar EVR college, Tiruchirapally
36. Faculty Development Program on "Modern Educational Tools and Pedagogical Practices for Online Teaching" during 21st June and 25th June 2020 organized by Vidyankar Institute Of Technology, Mumbai
37. Webinar on "Prospects in Optimization Techniques: local and Global Aspects. on 19th June 2020 organized by Department of Electrical and Electronics Engineering , Rajrajeswari College of Engg. Bengluru
38. National Webinar on "IPR – Future Prospects of Patents" on 18th June 2020 organized by R N Patel School of Law and Justice, Anand
39. National Webinar on "Food Safety and Quality Assurance: Issues and Challenges" on 13th June 2020 organized by Centre of Food Technology, University of Allahbad, Prayagraj
40. One Week National Level e-Faculty Development Programme on "Redefining the Role of Educator in Covid-19 Outbreak Era" during 11th June 2020 to organized by Gujarat Technological University, Ahmedabad and Anand Pharmacy college, Anand, Gujarat
41. Webinar on "Food Adulteration And Labelling" on 11th June 2020 organized by Research cell, Department of Food Processing, Department of Food and Nutrition, Padmashree Institute of Management and Sciences, Bangalore.
42. Webinar on "Digital Literacy for Improving Classroom Dynamics" on 10th June 2020 organized by Department of Basic Sciences & Humanities, Vignan's Institute of Management & Technology for Women, Hyderabad.
43. Online National Workshop on "Technical Document Preparation using Latex" during 8th June to 13th June 2020 organized by Dr. S. & S. S. Ghandhy Government Engineering College
44. Webinar on "World Food Safety Week - 2020" during 1st June to 7th June 2020 organized by AFSTI Kakinada Chapter
45. Webinar on "Introduction to design of Experiments" on 27th May 2020 organized by Department of Mechanical Engineering & Research Committee Arasu Engineering College, Kumbakonam
46. Webinar on " Advanced Excel " during 25th to 26th May 2020 organized by Akash Techno Labs, Vaodara
47. One week Webinar series on "Role of Technologies and automation in Food Processing Industry" during 14-19 May 2020 organized by DFSRDA and VNMKV
48. One week National Level E- Faculty Development Prgram on "Redefining the Role of Educator in Covid-19 Outbreak Era" organized by Gujarat Technological University and Anand Pharmacy College, Anand during 11-16 May 2020
49. Webinar on "Introduction to Google Docs" on 9th April 2020 organized by ISTE, Gujarat Section

50. Workshop Kaizen Initiatives for Academics : Aspects of Liberal Education (A-LED) on “Teaching Without Lecturing” organized by H.M. Patel Career Development Centre, Vidyanagar 4th February 2020.
51. Workshop Kaizen Initiatives for Academics : Focus on Global Gujarat (FOGG) on “New and Developing Technologies” organized by H.M. Patel Career Development Centre, Vidyanagar 21st January 2020.
52. Workshops Kaizen Initiatives for Academics : Focus on Global Gujarat (FOGG) on “University Industry Interface” organized by H.M. Patel Career Development Centre, Vidyanagar 7th January 2020.
53. Workshop Kaizen Initiatives for Academics on “Team Domain Knowledge” organized by H.M. Patel Career Development Centre, Vidyanagar at G.H. Patel college of engineering on 25 June 2019
54. Workshop Kaizen Initiatives for Academics on “Team Domain Knowledge” organized by H.M. Patel Career Development Centre, Vidyanagar at ADIT on 18 June 2019
55. Workshop Kaizen Initiatives for Academics on “Team Creativity at workplace” organized by H.M. Patel Career Development Centre, Vidyanagar on 21st August 2018
56. Workshop Kaizen Initiatives for Academics on “Skills for Student Parenting” organized by H.M. Patel Career Development Centre, Vidyanagar 18th Sep.2018
57. 21st ISTE State Annual Faculty Convention 2016 and National Conference on “Emerging Trends in Engineering” jointly organized by ISTE Gujarat Section and Tolani F.G. Polytechnic, Adipur on 27th December, 2016.
58. One day workshop on “Latex-A Smart Way to Write Thesis and Research Paper” on 15th October, 2016 jointly organized by IEEE student chapter and Dept of Electronics and Communications Engineering Dept. ADIT.
59. Two weeks summer school on “State of The Art Technologies in Food Engineering” held from 10th to 21st August 2015 sponsored by AICTE and organized by Department of Food Processing Technology, A.D. Patel Institute of Technology, New VV Nagar Anand
60. National Seminar on “Gujarat: Opportunities in Food Processing during 18th to 19th April 2015 organized by Dept of Food Processing Technology, ADIT.
61. One day FDP on “Design Engineering” organized by Dept. of Electronics and Communication Engg. on 11th April 2015 at A.D. Patel Institute of Technology.
62. UGC sponsored 14th Short term Course on “Statistical Analysis” at Academic Staff College Sardar Patel University, Anand from 16/02/2015 to 21/02/2015
63. 19th ISTE Annual Gujarat State Convention on “Shaping Technical Education to Meet the Challenges Beyond 2020” on 1st January 2015 organized by ISTE Chapter, L.D. College of Engineering, Ahmedabad.
64. Two days National Seminar on “Food Quality and Safety – New Technologies and Applications” during ‘ADROIT-14’ at college of Food Processing Technology and Bioenergy, Anand Agri. University from 15-16th October, 2014.
65. 21 days 21st Orientation Program sponsored by UGC and organized by Academic Staff College Vallabh Vidyanagar during 11th Nov. 2013 to 8th Dec. 2013.
66. Two-week ISTE workshop on “Introduction to Research Methodologies” conducted by Indian Institute of Technology Bombay from 25th June to 04th July 2012 held under the National Mission on Education through ICT (MHRD)
67. One day seminar on “21st Century: Priorities in Technical and Higher Education” at A.D. Patel Institute of Technology on 3/08/2011

68. National Food Technology Seminar on “Innovations of Food Processing in the 21st Century” organized by Dept. of Food Processing Technology A.D. Patel Institute of Technology during 8/7/2010 to 10/7/2010
69. National conference on Biochemical Engineering and presented a paper "Applications of Nanotechnology in Food and Allied Industries" at G.H. Patel College of Engineering and Technology Vidyanagar during 12/03/2010 to 13/03/2010
70. One day workshop on "Research and Publication" held at A.D. Patel Institute of Technology on 24th April 2009.
71. 21 days winter school on “Novel Techniques in Packaging, Storage, Processing and Quality Control of Fruits and Vegetables” during 24th Feb to 16th March 2009 at CIAE, Bhopal.
72. National seminar on “Innovation in Food Processing and Entrepreneurship Development” on 9-10th Feb.09 at Anand Agri.Univ. Anand
73. 6th International Food Convention (IFCON-2008) held at Central Food Technological Research Institute, Mysore during 16th to 19th Dec. 2008
74. Two day symposium on “Drying and Dehydration in Food and Chemical Industries-Recent Advances” jointly organized by A.D. Patel Institute of Technology and G.H. Patel College of Engineering and Technology during 22-23 August, 2008
75. Continuing education and quality improvement Program on Chemistry conducted by IIT Bombay during June 23-27, 2008 at IIT Bombay
76. 4th Nutraceutical summit jointly organized by Central Food Technological Research Institute, CSIR and MMactive during 21st - 23rd Feb. 2008 at World Trade Center, Mumbai
77. International Seminar and Workshop on “Fermented Foods, Health Status and Social Well-being” during 14-15th Dec, 2007 jointly organized by Swedish South Asian Network on Fermented Foods (SASNET) and Anand Agri. Univ. at Anand.
78. 12th ISTE Gujarat State Convention and one day symposium on “Excellence in Technical Education Through Innovation” on 20th Oct,2007 at Birla Vishvakarma Mahavidyalaya, Vidyanagar, Anand.
79. One day workshop on “ Novel Techniques for Pollution Prevention” organized by Dept. of Chemical Engg. on 29th Sep,2007 at G.H. Patel College of Engineering and Technology, Vidyanagar, Anand
80. One day symposium of “Recent Advances on Antioxidant Research” organized by Dept of Foods and Nutrition, S.M. Patel College of Home Science on 26th Sep, 2007
81. ISTE sponsored one day symposium on “ Export potential of Indian Foods and Developments in Food Processing Sector” on 18th Sep, 2007 held at A.D. Patel Institute of Technology, New Vallabh Vidyanagar.
82. National Conference on “ Food and Nutrition Security: Biotechnological interventions” during 22-23rd March 2007 at SLIET, Longowal, Punjab
83. One day ISTE sponsored workshop on “Enhancing Students Satisfaction” on 29th September 2006 at A.D. Patel Institute of Technology, New Vallabh Vidyanagar.
84. One day ISTE sponsored workshop on “ Getting Mileage Through Industrial Visits” on 14th Sep.2006 at A.D. Patel Institute of Technology, New Vallabh Vidyanagar.
85. National Symposium on Data and Knowledge Engineering held at A.D. Patel Institute of Technology, New Vallabh Vidyanagar. on 25th Sep. 2005.

Invited Lectures

1. Delivered Guest lecture on “Recent Trends on Food Safety and HACCP Implementation in Food Industry” on 25th March 2023 organized by Dept of Chemical Engineering, Vignan’s Foundation for Science, Technology and Research, Vadalamudi, Guntur, Andhra Pradesh.
2. Delivered Guest lecture on “Radiation Processing of Foods” on 6th March 2021 organized by Dept of Chemical Engineering, Vignan’s Foundation for Science, Technology and Research, Vadalamudi, Guntur, Andhra Pradesh.
3. Delivered expert talk on “Nutritional Value of Millets” on 26th Sep 2020 for FCI employees as a part of ongoing Poshan Maah 2020 celebration.
4. Delivered a expert talk on “Quality Trends in Processed Food Export” on 14th March 2020 at Ahmedabad Management Association, Ahmedabad
5. Delivered a expert lecture on “Statistical Methods for Design and Analysis” on 23rd Jan.2018 at College of Food Processing and Bio energy AAU, Anand
6. Delivered expert lecture on “Quality Management System: An overview of ISO” on 26th December, 2016 at four weeks workshops on “Entrepreneurship Development” at ADIT.
7. Delivered Expert lecture on “Response Surface Methodology” during two days seminar on “Advances in Industrial Engineering” on 4th March, 2016 at G.H. Patel College of Engineering and Technology Vallabh Vidyanagar
8. Delivered a guest lecture on “Radiation Processing and It’s Applications in Food Industry” during the AICTE sponsored summer school on “State of the Art Technologies in Food Engineering” organized by department of Food Processing Technology, ADIT during 10th to 21st August 2015.
9. Delivered a Expert lecture on “Milling and By-product Utilization of Cereals and Pulses” on 25th Jan. 2014 during Training-cum-coaching program for ICAR NET Examination at College of Food Processing Technology and Bioenergy, Anand Agri. University, Anand.
10. Delivered a talk on “Edible Packaging Materials for Quality and Safety Assurance of Foods” at a model Training Course on “Quality and Safety Assurance of Food Products” organized at Faculty of Food Processing Technology and Bio-Energy, Anand Agri. Univ. Anand on 28th Nov. 2011
11. Delivered a lecture on “ Packaging of Pickles and Preserves” at International Orientation Programme on Packaging Technologies and Machinery for Food Processing Sector organized at SIES school of Packaging, Nerul, Navi Mumbai during 6-15th Feb, 2007

Professional Society Membership

- Life Member **Association of Food Scientists and Technologists (India), Mysuru**, Membership Number:AFST/LM/6-2018/VVN/2060 .
- Life Member **Indian Society of Technical Education, New Delhi** , Membership Number:LM53334 .
- Full Member **Institution of Engineers (India), Kolkatta** , Membership Number:M-148361-1 CH/078.
- Life Member **Indian Arid Legume Society, Jodhpur**.
- Member **International Association of Engineers, Hongkong** , Membership Number:158567 .
- Member **Indian Society of Oilseeds Research, Hyderabad** .

Reviewer

- Reviewed book Proposal on "Anthocyanins: Chemistry and Analysis" authored by Leo M.L. Nollet and Semih Otles published by CRC Press, Taylor and Francis Group.

- Reviewed Research Articles for following Technical Journals

- Journal of Food Science and Technology
- International Journal of Food Sciences and Nutrition
- Process Biochemistry
- Nutrition and Food Science
- International Food Research Journal
- Biotechnology and Bioprocess Engineering
- Asian Journal of Dairy and Food Research
- Brazilian Archives of Biology and Technology
- Journal of Food Processing and Preservation
- Journal of Packaging Technology and Research

Participation in Academic and Administrative Committees

Coordinator **Central Assessment Cell**, *Charutar Vidya Mandal University*, Since Nov. 2022.

Coordinator **Academic Section**, *A.D. Patel Institute of Technology*, Since July 2022.

Member **Board of Studies in Food Processing & Dairy Technology**, *CVM University*.

Member **Board of Studies in Chemical Engg, Plastic Engg, Rubber Technology, Biotechnology, Food Engg. & Tech.**, *Gujarat Technological University*.

President **Association of Food Scientists and Technologists (India)**, *Mysuru, Vallabh Vidyanagar Local Chapter*.

Secretary **Association of Food Scientists and Technologists (India)**, *Mysuru, Vallabh Vidyanagar Local Chapter*.

Secretary **Indian Society of Technical Education, New Delhi** , *ADIT Faculty Chapter, A.D.Patel Institute of Technology*.

Process **Classroom teaching Process**, *ISO 9001:2015*.

Owner

PG **M.Tech (Food Technology)**, *A.D.Patel Institute of Technology*, offered by CVM university.

Coordinator

Convener **Centre of Excellence in Product Development and Modelling**, *Dept of Food Processing Technology, A.D.Patel Institute of Technology*.

Convener **Higher Education Promotion and Competitive Exam Preparation committee**, *A.D.Patel Institute of Technology*.

Coordinator **Training and Placement Cell**, *Dept of Food Processing Technology, A.D.Patel Institute of Technology*.

Coordinator **Mid Question Paper Review Committee**, *Dept of Food Processing Technology, A.D.Patel Institute of Technology*.

Coordinator **Purchase Committee**, *Dept of Food Processing Technology, A.D.Patel Institute of Technology*.

Member **NBA Core Team**, *A.D.Patel Institute of Technology*.

Member **ISO Student Co-curricular Activities Process** , *Dept of Food Processing Technology, A.D.Patel Institute of Technology*.

Member **Alumni Committee** , *Dept of Food Processing Technology*, A.D.Patel Institute of Technology.

In-charge **Product Development and Drying and Grain Processing Lab** , *Dept of Food Processing Technology*, A.D.Patel Institute of Technology.

Additional Responsibilities

- Subject expert for selection of Assistant /Associate Professor in Food Technology at Shree Parekh Engineering College, Mahuva, Bhavnagar on 30.04.2023
- Subject expert for selection of Assistant Professor in Food Technology at Vignan's Foundation for Science, Technology and Research, (VFSTR, Deemed to be University) Vadlamudi, Guntur, Andhra Pradesh on 23.01.2023
- Subject expert for selection of project fellow for UGC research project at B.R. Doshi School of Biosciences, Vidyanagar.
- Member of organizing committee for two weeks national level faculty development program on "Entrepreneurship Development" sponsored by GSBTM between 5th-17th March 2018.
- Member of Academic Inspection Committee of GTU for inspection at Naranarayan Institute of Technology at Jetalpur on 3rd May 2017
- Member of Food Committee of Alumni Meet 2017 held on 2nd March, 2017
- Served as Food Technologist on a Gujarat Agro Industries (GAIC) evaluation committee for evaluation of Request for Proposal (RFP) for selection of joint venture partner to manufacture and supply food under ICDS for Gujarat state.
- Selection Committee Member for direct recruitment for the post of 'Assistant Professor' in discipline of Chemical Engineering at Dantiwada Agri. Univ. Sardarkrushinagar
- Counselor for IGNOU diploma in "Value Added Products from Fruits and Vegetables" and "Diploma in Dairy Technology"
- Superintendent for Block-7 of ADIT boy's hostel from Feb. 2006 to June 2010
- Editorial Board Member for 'ADIT Expressions', the college magazine of A. D. Patel Institute of Technology.
- Organizing committee member for the one day ISTE sponsored workshop on "Getting Mileage Through Industrial Visits" on 14th Sep.2006
- Paper Setter, Evaluator and Practical Examiner
 - ◊ Gujarat Technological University, Gandhinagar
 - ◊ Sardar Patel University, Anand
 - ◊ Anand Agricultural University, Anand Vasantnao Naik Marathwada Agricultural University, Parbhani
 - ◊ Maharana Pratap University of Agricultural Technology, Udaipur
 - ◊ Gujarat University, Ahmedabad
- GTU Exam Squad Member

Personal Details

Date of Birth **15th April 1977.**

Place of Birth **Osmanabad, Maharashtra.**

Marital Status **Married.**

Gender **Male.**

Nationality **Indian.**

Domicile **Gujarat.**

Languages Known **English, Hindi, Marathi, Gujarati, Sanskrit.**

References

- (1) **Dr. T.V. Raman Rao** *Professor of Food Technology VIGNAN's Foundation for Science, Technology and Research (Deemed to be University) Vadlamudi, Guntur-522213 Andhra Pradesh, India*
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- (2) **Dr. R.K. Jain Ex-Principal** *A.D. Patel Institute of Technology New Vallabh Vidyanagar, Anand-388121 Gujarat, India*
Email:rajeevpjain123@gmail.com,
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- (3) **Mr. Manish Antwal** *Co-Founder and Group Director 3P Solutions Pvt. Ltd.At Jakatwadi, Satara-415001 Maharashtra, India*
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