

BIO-DATA



Name: Dr Bijal D. Patel

Designation: Adhoc Assistant Professor

Institutional Address: Post Graduate Department of Home Science, Sardar Patel University, Vallabh Vidyanagar- 388 120 (Gujarat)

Contact Number: 9979955638

Email: bijalpatel85@gmail.com

Date of Birth: 28/03/1985

Educational Qualification:

Sr No.	Institution Place	Degree Awarded	Year	Subject specialization
1.	Faculty of Science and Technology, Mewar University, Chittorgarh	Ph.D	2023	Biotechnology
2.	P.G. Department of Home Science, Sardar Patel University, V.V.Nagar	M.Sc	2008	Food Biotechnology

Position and Employment:

Sr. No	Name of Institution Place	Position	From (Date)	To (Date)
1.	P.G. Department of Home Science, Sardar Patel University, V.V.Nagar	Adhoc Assistant Professor	30/07/2024	Till Date
2.	Smt. Kamlaben P. Patel College of Home Science, Anand	I/c Principal, Assistant Professor	8/03/2013	25/07/2024
3.	Smt. Kamlaben P. Patel College of Home Science, Anand	Assistant Professor	16/06/2008	7/03/2013

Professional Experience:

- Board Of studies chairperson (Faculty of Homescience) in Sardar Patel University for six years (2014 to 2019).
- Senate member in Sardar Patel University for 8 years (2014 to 2021)

Research Experience:

Research experience of 15 years including M.sc dissertation in various fields: Foods and Nutrition and Food Biotechnology.

M. Sc students guided : more than 120

Research Areas:

- Fermentation, New Innovative Food product development related to Food Biotechnology field, Probiotic and synbiotic dairy product, Microbial technology antibacterial and antifungal activity, In vitro Antidiabetic activity.

Number of research publications:

- **Research Papers: 16**
- **Published book : 03**

Some pre-eminent research papers:

- Bijal Patel and Arun kumar Mishra Evaluation of In-Vitro Antidiabetic Activity of Different Extracts of *Capparis deciduas* Edgew (KER) Root and Stem International Journal of Pharmaceutical Sciences Review and Research, Volume 66(2),January - February2021; Article No. 03,Pages:15-18.
- Bijal Patel and Arun kumar Mishra Phytochemical Screening of Different Solvents Extracts of Flower of *Capparis deciduas* (Forsk) Edgew International Journal Of Advanced Research In Medical & Pharmaceutical Sciences, Volume.5, Issue.12, December.2020.
- Hiral Trivedi, Dinesh Patel and Bijal Patel Immobilization Of Alcohol Dehydrogenase On K-Carrageenan Beads & Studies Of Its Properties: Use In Purification Of Fruit Juice, Innovative Research in Management, Applied Science and Engineering (Stochastic Modeling and Application), Vol. 26 No. 3(January - June, Special Issue2022 (Part-7).
- Bijal Patel and Meha Shukla Physico- Chemical And Microflora Changes In Formulated Sauerkraut, International Journal Of Research And Analytical Reviews, Vol-10 No.1March-2023 pp 188-208.

Number of paper presentations: More than 10