



Krupa Ramani

Ph.D. (Dairy Technology)

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CAREER OBJECTIVE:

Intending to pursue an ambitious career with a team committed to quality work which would help to explore myself fully and realize potential which gives a positive contribution towards the organization being served.

EDUCATION QUALIFICATION:

2015 June- Ph. D in Dairy Technology (OGPA: 8.01) First Class with Distinction

S.M.C college of Dairy Science, Anand Agricultural University, Anand

2011 August- M. Tech in Dairy Technology (OGPA: 7.63) First Class

S.M.C college of Dairy Science, Anand Agricultural University, Anand

2009 July- B. Tech in Dairy Science (OGPA: 7.01) First Class

S.M.C college of Dairy Science, Anand Agricultural University, Anand

2005 March- H.S.C. (Science) with 69.38 %

Gujarat Secondary & Higher Secondary Education Board.

Kasturba Kanya Vidyalaya, Di: Anand

PROFESSIONAL QUALIFICATION:

2022 November- Post Graduate Diploma in computer Application (PGDCA)

Udemy online certificate course

2023 August – ISO 22000 (HACCP and PRPs) for Food Safety

Udemy online certificate course

2008- Diploma in Computer (Grade A+)

Prakshal Computer, Ahmedabad

AWARDS / ACHIEVEMENTS:

1. **Selected as incubatee for business idea in Pallav Idea/ Pre-Seed Stage Funding programme supported by RKVY- RAFTAAR, Ministry of Agriculture and Farmers Welfare, Government of India** at Agri. & Food Business Incubator, Anand Agriculture University, Anand during July 2021 to September 2021.
2. Awarded **Medal of Appreciation in International Art Contest Season 4** organize by INNOVIZE International Arts Community, MSME Government of India in 2021.

3. **Best Paper Award** for research article in **Indian Journal of Dairy Science year 2013** at 43rd Dairy Industry Conference, Kolkata 19-21 February, 2015.
4. Awarded "**Innovation in Science Pursuit for Inspired Research (INSPIRE)**" **Fellowship** to pursue full-time doctoral (PhD) program under **AORC scheme of the INSPIRE program of the Department of Science & Technology (DST), New Delhi** in 2013.
5. **Winner** in academic category for "**10th National Dairy products Judging Contest-2013**" on 17th September 2013.
6. **Winner for poster making** at **6th International Conference** on "Fermented foods, Health Status and Social Well- being" December 6-7, 2013.
7. **2nd position** for **Paper presentation** in National Seminar on "Innovative approaches in Dairy Industry" on 1-2 March, 2013.
8. **2nd position** for **Best Poster Presentation** in National Seminar on "Indian dairy industry- Opportunities and Challenges" on 8-9 January, 2015.
9. **2nd Positioning** academic category individual for "**11th National Dairy products Judging Contest-2014**" on 6th October 2014.
10. **2nd position in "New product development- Fermented Food"** at 6th International Conference on "Fermented foods, Health Status and Social Well- being" December 6-7, 2013.
11. **3rd Prize** for **poster presentation** on Process standardization for manufacturing kalakand using amla powder as acidulant in national seminar on 8-9 January, 2015.
12. **3rd Prize** for **poster presentation** on Development of whey-based chocolate beverage in national seminar on "Innovative approaches on dairy industry" on March 1-2, 2013
13. **Certificate of Honour** awarded for contribution to **Students' Representative Council (SRC)** during the academic year 2005-2009.
14. **Certificate of merit** for being selected as **Best Fresher of the Year-Girls** in the Youth Festival "Talent Search for Freshers" during the academic year 2005-2006
15. I actively participated in **10th All India Inter Agricultural University Youth Festival Agri Unifest** Sponsored by Indian Council of Agricultural Research, New Delhi organized by University of Agriculture, Bengaluru on 5-9 February 2009.
16. Participated in **13th All India Inter Agricultural University Youth Festival** Sponsored by Indian Council of Agricultural Research, New Delhi Organized by NDRI Karnal on 17-19 March 2008. **And secured position in three events.**
17. Participated in various **inter-university competitions** and make a position at marked level during my under graduation As well as participated and won various **inter-college culture events.**

EXPERIENCE:

Assistant Professor (October 2022 to August 2023)

Worked as an assistant professor (contractual) for the period of October, 2022 to August 2023 in Department of Dairy Technology, Sheth M C College of Dairy Science, Kamdhenu University,

Anand. I had been conducting theory as well as Practical classes for B. Tech (Dairy Technology) Students.

Incubatee AAU (July 2021 to September 2021)

Selected as incubatee for business idea in Pallav Idea/ Pre-Seed Stage Funding programme supported by RKVY- RAFTAAR, Ministry of Agriculture and Farmers Welfare, Government of India for Agripreneurship orientation programme at Agri. & Food Business Incubator, Anand Agriculture University, Anand.

Entrepreneur (Self-employed) (April 2020 to May 2021)

During COVID-19 I have started my own Hand-made Handicraft Terracotta business from small setup to explore my art skill in valuable outcome during pandemic situation.

Senior Research Fellow (SRF) (Dec-2018 to Feb -2020)

National Agriculture Higher Education Project-Centre of Advance Agriculture Science and Technology-ICAR (New Delhi) and World bank funded Project entitled "Establishment of Secondary Agriculture Unit for skill development in students and farmers at NAU, Navsari" Posted on UNIT-3 Establishment of Small-Scale Climate Resilient Dairy Unit, Vanbandhu college of veterinary science and animal husbandry, NAU, Navsari

Junior Research Fellow- professional (JRF-P) (Feb-2013 to June-2015)

I was awarded "Innovation in Science Pursuit for Inspired Research (INSPIRE)" Fellowship to pursue full-time doctoral (PhD) program under AORC scheme of the INSPIRE program of the Department of Science & Technology (DST), New Delhi. Part of research work was done under the INSPIRE JRF-P.

TRAININGS

1. Participated in the Training Programme on "Soft Skills and Entrepreneurship Development" organized by College of Dairy Science, Kamdhenu University, Amreli in collaboration with ICAR-National Academy of Agricultural Research Management (NAARM), during 08-10 August 2023.
2. **AAU Incubator (Agri & Food Business Incubator) · Full-time (July 2021-septmber 2021)**
Undergone for two-month training of Agripreneurship as incubatee at Anand Agriculture university organized by government of India programme RKVY- RAFTAAR.
3. Completed six days the training programme on "Dairy Technology for Non- Dairy Technologist" at Vidya Dairy & SMC college of Dairy Science, Anand Agricultural University and Anand during 26th June to 1st July, 2019 as a part of establishment of secondary agriculture unit for skill development in student and farmers at NAU, Navsari
4. **VIDYA DAIRY, ANAND, GUJARAT, INDIA**
Designation: Trainee Student (June 2007-June -2008)
 - One Week training of dried milk, cheese and chocolate plant at Amul Dairy, Anand, India.

- Under gone hands on practices training at Manasinh Institute of Training, Mehsana, a sister concern of National Dairy Development Board. (NDDDB) which deals with the engineering aspects of dairy equipments
- Undergone one-month food technology training at AMUL DAIRY, ANAND

RESEARCH METHODOLOGY DEVELOPED

- M. Tech thesis work for was on “**Process Standardization for manufacture of Thabdi**”.
- Ph D. Thesis work was on “**Development of technology for processed cream cheese-based spread.**”
- I have actively participated in R & D for products “**Development of Watermelon-rind Burfi using Gir cow milk**” and “**Development of Herbal Whey Drink using Gir cow milk**” during my SRF tenure under NAHEP-CASST project, NAU, Navsari
- I have also undergone for R & D of my own product “**Herbal Energy Bar**” during my training of Agripreneurship as incubatee at Anand Agriculture university. Anand

RECOMMENDATION BY AGRESCO

The research project on “Process Standardization for manufacture of Thabdi” was adjudged as Research recommendation for the scientific community and Entrepreneurs in Anand Agricultural University Anand in 8th meeting of the Dairy science of AGRESCO held during 14th march 2012

PUBLICATION

1. International

Hirpara, K.B. and Jana, A.H. (2011). International review paper on Synergy of dairy with non-dairy Ingredients or product: African Journal of Food Science Vol 5. (13), 817-832.

2. National

Hirpara, K.B., Patel H.G. Gokhale, A.J. and Mallik, J.M. (2016). Effect of level of fat on compositional, physico-chemical, rheological and sensory attributes of processed cream cheese based (PCCB) spread. Indian journal of Dairy Science Vol 69 (1), 1-7.

Hirpara, K.B., Patel H.G. Gokhale, A.J. and Mallik, J.M. (2016). Influence of type of culture on compositional, physico-chemical, rheological and sensory attributes of Processed Cream Cheese based (PCCB) spread. Indian journal of Dairy Science Vol 69 (2), 1-7.

Hirpara, K.B., Patel H.G. and Prajapati, J.P. (2015). Standardization of rate of sugar addition for the manufacture of Thabdi. Journal of Food Science and Technology. 52(2): 1152-1157.

Hirpara, K.B., Macwana, A.K. and Bhadania, A.G. (2015). Review paper on Refrigerants for Dairy and Food plants. Beverage and Food World Vol 42 (4), 21-24.

Hirpara, K.B., Patel, H.G., Prajapati, J.P. and Prajapati, P.S. (2013). Selection of stage of sugar addition and duration of final heat treatment for the process standardization of Thabdi manufacture. Indian journal of Dairy Science Vol 66 (1), 22-31.

Hirpara, K.B. (2013). Review paper on Role of modified atmosphere packaging in colour control of fruits and vegetables: Beverage and Food World Vol 40 (3), 37.

3. TECHNICAL ARTICLE

1. "Instant Dairy Foods- A boon for changing life style" in souvenir of national seminar on "Innovative approaches on dairy industry" on March 1-2, 2013.
2. "Processed cream cheese spread- A new treat to tingle Indian palate" food and beverage news, 1 june,2016. www.fnbnews.com

4. BOOK CHAPTER

Chapter 4: - "Developing Human Resources for Managing Intellectual Property Rights in Dairy and Food Industry in Human Resource Management in Indian Dairy Sector. ISBN:978-81-931704-3-4

Chapter 17: - Women Entrepreneur in dairy Sector- Opportunities and Issue of HRM in Organization in Human Resource Management in Indian Dairy Sector. ISBN:978-81-931704-3-4

Chapter 23: - "Precision dairy farming: The epoch of marvel in dairy industry with global and Indian perspective." In leveraging new developments in dairy sector for increasing income of milk producers.

In communication (status: Accepted): Title "Fortification in Dairy Technology: Bridging Nutrient Gaps and Improving Public Health" In Iterative International Publishers (IIP) Book Series under code no "IIPV3EBS04_G30 Futuristic Trends in Agriculture Engineering & Food Sciences"

5. POSTER PRESENTED/ ABSTRACT

- **Hirpara, K.B.** Patel H.G. and Prajapati P.S. "Development of Technology for manufacture of Thabdi." In the National seminar on "Paradigm shift in Indian Dairy" on May 21-22, 2011. organized by SMC College of Dairy Science. A.A.U., Anand
- Jay Bhatt, **Hirpara, K.B.** Jayraj Gadhavi and Pinto S V. "Development of whey-based chocolate beverage" In the National seminar on "Innovative approaches in dairy Industry on March 1-2, 2013 organized by SMC College of Dairy Science. A.A.U., Anand. **(Third Position)**
- **Hirpara, K.B.** and H G Patel "Development of Technology for Processes cream cheese-based spread" In the National seminar on "Indian dairy industry- opportunities and challenges" on January 8-9, 2015 organized by SMC College of Dairy Science. A.A.U., Anand **(second Position)**
- Patel H G, Shard dukre and **Hirpara, K.B.** "Process standardization for manufacturing of kalakand using amla juice as acidulent" on January 8-9, 2015 organized by SMC College of Dairy Science. A.A.U., Anand.
- **Hirpara, K.B.** "Acceptance of soya bean products in India commence the new option in dairy industry" in the national seminar on Secondary Agriculture: Significance and scope in the Era of Globalization on November 27-29, 2019 sponsored by National Agricultural Higher Education project (NAHEP) ICAR., NAU
- **Hirpara, K.B.** and Riddhi Desai "Snaking applications to drive cheese concentrate for diversification of cheese in food industry" in the national seminar on Secondary Agriculture:

Significance and scope in the Era of Globalization on November 27-29, 2019 sponsored by National Agricultural Higher Education project (NAHEP) ICAR., NAU

- Gadhiya, V.C., **Hirpara, K. B.**, Kalani, M.K. and Pastagiya, J.J. “Impact of newer Insecticides on stingless bees” in National workshop on Pesticide Residues: Management and Techniques for Food Safety and Security on February 25- 26, 2019 organised by Centre for advanced Agricultural Science and Technology (CAAST), Navsari Agricultural University, Navsari

MEMBERSHIP

1. Member as Reviewer/Referral Management System in an **International Journal of Novel Research and Development**. ISSN: 2456-4184. Since January 3, 2023
2. Life member of **Swedish South Asian Network on Fermented Foods (SASNET – FF)** since November 21, 2022
3. Life member of **Dairy Technology Society of India** Division of National Dairy Research Institute, Karnal since June 16, 2013.
4. Extension worker as delivering lecture for farmers training in Agricultural Technology Management Agency (ATMA) by Agriculture, Co-operation and Farmer Welfare Department, Govt. of Gujarat. Anand

APPRECIATION ACTIVITIES

1. Acknowledged for outstanding contribution for Planning, Execution and Follow-up specific portfolio handled in context of ICAR Accreditations of SMC College of Dairy Science, Anand with regards to visit of ICAR PEER REVIEW TEAM, New Delhi during 23-26 February, 2023.
2. Certificate of Appreciation for assisted in provide volunteer service for celebration of Dr. Kurien Dairy Awareness Competition organized by Varghese Kurien Centre of Excellence, IRMA, Anand on 24th November, 2022.
3. Certificate of Appreciation for assisted in Training programme on “Waste management in fruit processing Industries” sponsored by NAHEP-CAAST, ICAR organised by NAU, Navsari. November 19-21, 2019
4. Certificate of Appreciation for assisted in organizing committee of the Hands- on training on “Novel Techniques in value addition of Fruits and Vegetables” sponsored by NAHEP-CAAST, ICAR organised by NAU, Navsari September 16-18, 2019
5. Certificate of Appreciation for assisted in organizing the training programme on “Climate resilient Dairy Farming Under the Epoch of Precision Farming Tools” sponsored by NAHEP-CAAST, ICAR organised by NAU, Navsari August 28-30, 2019

SEMINARS/ WORKSHOPS/CONFERENCE/WEBINAR

I have attended more than 20 seminars, workshop, webinar and conferences organized by ICAR, IDA, AAU and other well reputed government organization at state level as well as national level.

TECHNICAL SKILLS

- New Product Development activities
- Research and development activities

- Teaching and Extension education.
- Milk and milk product Analysis (Lab Analyst)
- Event organize and management (seminar, workshop, Training)
- Computer applications: MS Office, Windows and Internet

PERSONAL DETAILS

Name: Krupa Umed Ramani
Date of Birth: 2nd November, 1986
Languages Know: English, Hindi, and Gujarati.
Marital Status: Married
Husband Name: Dr. Umed V. Ramani, (PhD Animal Biotechnology)
Assistant Professor,
Department of Animal Biotechnology,
College of Vet. Science and Animal Husbandry
Kamdhenu University, Navsari-396450

ABOUT MYSELF

I believe in hard working & also follow strictly. Never lose hope and easily adjust myself with new environment and has creative and innovative attitude.

Krupa Ramani