

PATEL DHRUVINKUMAR HASMUKHBHAI

S/O : Sh. Hasmukhbhai Patel
DOB : 25th December, 1995
Address : 111, At&Post- Eklara, Ta- Idar,
Dist.-Sabarkantha, Gujarat, India, PIN-383225
Contact No. : +91 89 80 555 114
Passport No.: Z4819830
E-mail Id : dhruvinpatel.ndri@gmail.com
Skype Id : +91-8980555114



ACADEMIC QUALIFICATIONS

DEGREE	YEAR	SCHOOL/ COLLEGE	BOARD/ UNIVERSITY	%/ CGPA
M.Tech. (Dairy Engineering)	2017- 2019	ICAR-National Dairy Research Institute, Karnal	ICAR-National Dairy Research Institute, Karnal	8.25/10
B.Tech. (Dairy Technology)	2013- 2017	College of Dairy Science, Amreli	Kamdhenu University, Gujarat	8.29/10
12 th	2013	Shri K. M. Patel Vidyamandir, Idar, Gujarat	GSHSEB, Gandhinagar	75.33%
10 th	2011	Shrimati S. B. Shah Highschool, Eklara, Gujarat	GSHSEB, Gandhinagar	91.20%

EXPERIENCE

3 years of experience as an Assistant Professor (Dairy Engineering), Department of Dairy Technology, Parul University, Vadodara

M.TECH THESIS TITLE

- **Evaluation of Various Sensor for Monitoring of Quality Changes in Frying Oil**

INDUSTRIAL EXPOSURE

- ✓ One year In-plant training at **six different Dairy Cooperative Union of Gujarat** (each for two months).

1. Amul Fed Dairy, Gandhinagar

- Learnt about how automation works in industries
- Gone through fully automated UHT and Powder Plant
- Resource and Production planning
- Learnt about Audit System

2. Sumul Dairy, Surat

- Got experience of working in biggest pouch packing plant of Gujarat which works manually
- Learnt about how can use equipment with its full capacity

3. Mother Dairy Fruit & Vegetable Pvt. Ltd., Junagadh

- Gone through third party procurement and marketing management system
- Got knowledge about hygiene practices implementation in plant

4. Sarvottam Dairy, Bhavnagar

- Learnt and worked in SAP System
- Got knowledge about how Co-operative Dairy works (Procurement, production & Marketing)

5. Sursagar Dairy, Surendranagar

- Experienced with Raw Milk Reception and planning
 - Knowledge about rural level raw milk adulteration and its organoleptic analysis
- 6. AMR Dairy, Amreli**
- Learnt about pricing policy
 - Gone through practices regarding Milk production enhancement
 - Learnt about step by step plant expansion from Chilling Centre to Product Manufacturing Plant
- ✓ Visited Saras Dairy (Jaipur), Verka Dairy Plant (Mohali), Sabar Dairy (Rohtak), Amul Dairy (Anand) etc.

LANGUAGES KNOWN

- English, Hindi, Gujarati

COMPUTER PROFICIENCY

- MS-Office, CCC & Basics of C language & Auto CAD
- Statistical softwares: Basics of SAS, JMP and SPSS
- Basics of SAP

AWARDS/ACHIEVEMENTS

1. Completed **online course with distinction on Functional Foods: Concept, Technology & Health Benefits** organized by **IIT, Kanpur**.
2. Got **3rd prize in Oral Presentation** in 11th National Convention & National Seminar on **‘Dairy Process Engineering from Farm to Table’** organized by **Indian Dairy Engineers Association (IDEA)** at Indore, Madhya Pradesh during 21-22nd October, 2018.
3. Got **3rd prize in Poster Presentation** in 11th National Convention & National Seminar on **‘Dairy Process Engineering from Farm to Table’** organized by **Indian Dairy Engineers Association (IDEA)** at Indore, Madhya Pradesh during 21-22nd October, 2018.
4. Achieved **AIR-13** in **ICAR-AIEEA 2017**.
5. Served as **General Secretary** in **College of Dairy Science, Amreli** during academic year 2016-2017.
6. Served as **Class Representative** during **B.Tech. Program** for consecutive two years (2013-2015).
7. Completed **CCC** computer course with **‘A’ grade**.

CONFERENCE ATTENDED

1. Participated in 11th National Convention & National Seminar on **‘Dairy Process Engineering from Farm to Table’** organized by **Indian Dairy Engineers Association (IDEA)** at Indore, Madhya Pradesh during 21-22nd October, 2018.
2. Attended in **National conference** on, **‘Fermented Dairy Foods and Their Health Benefits’** held at **ICAR-National Dairy Research Institute, Karnal (Haryana)** during 26-27th May, 2017.
3. Attended a national seminar on **“Technological Interventions for Future Market Challenges: Indian Dairy Industry Perspective 2025”** organized by **Mansinhbhai Institute of Dairy and Food Technology, Mehsana** on 22nd October, 2016.
4. Attended a seminar on **“Campus to Corporate: Aptitude and Attitude for an Industry”** organized by **College of Dairy Science, Amreli** on 7th May, 2016.

PUBLICATIONS

1. Hirpara, P., Thakare, N., Kele, V. D., & Patel, D (2020). Jaggery: A natural sweetener. Journal of Pharmacognosy and Phytochemistry. 9(5): 3145-3148.
2. Kele, V. D., Nair, P., Hirpara, P., Patel, D., Upadhyay, V. (2021). Impact analysis of COVID-19 on Dairy Industry. Multilogic in Science. 9(38):2000-2004.
3. **Patel D. H.**, Minz P. S. and Thakur V. Evaluation of various sensor for monitoring of quality changes in frying oil. National seminar on Dairy Process Engineering from ‘farm to Table’. Pp: 85-90.
4. **Patel D. H.**, Minz P. S. and Thakur V. Role of robotics in dairy and food industry. National seminar on Dairy Process Engineering from ‘farm to Table’. Pp: 123.
5. Thakur V., Minz P. S. and **Patel D. H.** Rangi P., Lanjewar P. and Nayak S. Design upscaling of ohmic heating system. National seminar on Dairy Process Engineering from ‘farm to Table’. Pp: 80-84.

6. Thakur V., Minz P. S. Vairat A. D., Kumari K. and **Patel D. H.** Biosensors and their application in food and dairy industry. National seminar on Dairy Process Engineering from 'Farm to Table'. Pp: 123.
7. P.S. Minz, Chitranayak, **Dhruvin Patel** and Vishal Thakur. Electrochemical sensor for assessing the quality and safety of dairy foods. CAFT Compedium (Rapid Biosensors and Micro Techniques for Monitoring Contaminants and Adulterants in Dairy Foods). Pp: 201-204.

EXTRA-CURRICULAR ACTIVITIES

1. **Champion of cricket match competition in NDRI sports event 2017.**
2. Completed "**Basic Rock-Climbing Course**" with 'A' grade at **Swami Vivekanand Institute of Mountaineering, Mount Abu, Rajasthan.**
3. Got 'A' grade in **drawing examination of Gujarat Board.**
4. Participated in Quiz organized on Agricultural Education Day (3rdDecember, 2017).
5. **Awarded for the selection in top ten best cartoon in Open Cartoon Competition on "Good & Mal Practices in Dairy Industry"** organized by a Division of Namostute Contrivers at PAU.
6. Participated in **Elocution Competition on "Khadi for Fashion"** on 24thMarch, 2017 organized under **National Service Scheme (NSS) by College of Dairy Science, Amreli.**

HOBBIES & SKILLS SET

- Yoga, Drawing, Sketching, Leadership & Working in Team

REFERENCES

1) **Dr. Sanket Borad**

Technical Director,

Flavi Dairy Solution,

Ahmedabad, Gujarat.

Contact No.- 99663 78678

Email Id - boradsanket@gmail.com

2) **Er. Ravi Prajapati**

Assistant Professor

Department of Dairy Engineering,

G. N. Patel College of Dairy Technology,

Kamdhenu University, Sardarkrushinagar

Contact No.- 97235 22115

Email Id – raviprajapati168@kamdhenuuni.edu.in