

## Dairy Technology Department

| Sr<br>·<br>N<br>o. | Name   | Details   |
|--------------------|--|---|
| 1                  | <br><b>Dr. A. C. Patel</b>          | <b>Designation:</b> Assistant Professor<br><b>Education Qualification:</b><br>Ph.D<br><b>Contact:</b><br>(M) 7989738773<br>acpm.tech.@gmail.com |
| 2                  | <br><b>Mr. G. Gopi<br/>Krishna</b> | <b>Designation:</b> Assistant Professor<br><b>Education Qualification:</b><br>M.Tech.<br><b>Contact:</b><br>(M) 7567889085<br>gangopi@gmail.com |
| 3                  | <br><b>Ms. P. A. Suvera</b>       | <b>Designation:</b> SRA<br><b>Education Qualification:</b><br>M.Tech.<br><b>Contact:</b><br>(M) 9408585677<br>pasuvera@gmail.com                |
| 4                  | <br><b>Mr R. A. Patel</b>         | <b>Designation:</b> SRA<br><b>Education Qualification:</b><br>M.Tech.<br><b>Contact:</b><br>(M) 9426877662<br>rkptl999@gmail.com                |

## 1. Dr Arunkumar C. Patel

Ass. Professor & Head

Dept. of Dairy Plant Operation

GN Patel College of Dairy Technology

Joining Date - 21-08-12

### QUALIFICATION -

**B. Tech (Dairy Technology) (2006)**

AAU-Anand

**M. Tech (Dairy Technology) (2008)**

AAU-Anand

**M. Tech (Dairy Technology) (2015)**

SDAU – Sardar Krushinagar(2020)

### EXPERIENCE

| Sr. No. | Designation & Office                             | Period     |            | Nature of Work                         |
|---------|--|------------|------------|--|
|         |  | From       | To         |  |
| 1       | Senior Officer<br>Banar Dairy                    | 10/08/2008 | 11/08/2009 | Milk Processing                        |
| 2       | Plant Superintendent<br>Dairy Technology) (SDAU) | 12-08-09   | 02-04-12   | Running of Mini Dairy Plant & Teaching |
| 3       | Assistant Professor<br>(Dairy Technology) (AAU)  | 03-04-12   | 20-08-12   | Teaching, Research work and Extension  |
| 4       | Assistant Professor<br>(Dairy Technology) (SDAU) | 21-08-12   | Continue   | Teaching, Research work and Extension  |

### PUBLICATION

1. Patel AC., Patel H.G., (2011) Study of Technological Parameter for drying of Cheddar and Mozzarella cheese , Indian Journal of Dairy Science, vol. 63, No. 5, pp. 358 -363.
2. Patel H.G., Patel AC., (2009) “Cheese drying- A novel way to conserve cheese solids” in Indian Dairy Man, Dairy Industry Conference XXXVII, Feb.7-9, page No 74 -82
3. Patel, AC., Patel, H. G., Prajapati, R., and Gopikrishna, G., (2018), Effect of Moisture and Emulsifying Salt Concentration on Sensory Attributes of Reconstituted Dried Mozzarella Cheese As pizza Topping, *Int. J. Curr. Microbiol. App. Sci.*,7(6): 1004-1013
4. Prajapati R, Patel AC, Gopikrishna G and Patel R E-learning technologies: A modern Concept for teaching. In book entitled “Role of examination system in increasing effectiveness of dairy science education and career Movement of dairy professionals, eds. BK Makwana, MD Gurjar, KC Kamani & MC Prajapati.

5. Shendurse AM, Gopikrishna G, Patel AC and Pandya AJ (2018). Milk protein based edible films and coatings- preparation, properties and food applications. *Journal of Nutritional Health & Food Engineering*,8(2): 219-226.
6. Patel AC, Patel R and Padya AJ (2018) Success story of Kajuben- the milk maid from Banaskantha. Published in the *Souvenir of National Seminar on Extension strategies for doubling the farmer income for livelihood security* organized by SEEG and AAU, Anand (GJ) on April. 26-27, 2018. pp. 251.
7. Mogha K, Gawai K and Patel AC (2018) Anaerobic Treatment for dairy waste disposal - ponder for making it efficient. *Int.J.Curr. Micro. and App. Sci.*, 6 (11): 806-814.
8. Pandya AJ, Patel AC and Gopikrishna G. Recent trends in post harvest management of milk. Published in the *Souvenir of National Training on Advances in Post harvest Management of dairy and food product* organized by ICAR and College of Dairy Sci. & Food Sci. Tech., MPUAT, Udaipur, pp 13.
9. Patel RA, Suvera PA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Adulteration in Dairy and Food Products - A Review. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53-58
10. Judal A and Patel AC (2014) Machine Vision System and its application in dairy and food industry. Published in the *Souvenir of National seminar on 9th convention of Indian dairy engineers and IDEA national seminar 2014* Organized By ICAR and NDRI, 8-9 sept. 2014 pp 66.
11. Patel HG and Patel A (2009) Cheese drying - A Novel way to conserve Cheese solids. In XXXVII Dairy Industry Conference, Indian dairy Man 74-82.
12. Patel AC, Patel HG, Prajapati JP and Solanki MJ (2009) Standardization of process for application of vacuum tray dried cheese as Pizza topping. In XXXVII Dairy Industry Conference, Indian dairy Man
13. Patel AC, Patel HG, Prajapati PS and Gokhale AJ (2009) Standardization of process for drying of cheese using vacuum tray drier. In XXXVII Dairy Industry Conference, Indian dairy Man.
14. Sawle PD, Patel AC, Shendurse AM, Gopikrishna G (2017) Application of high pressure processing for improvement of safety and quality of dairy products. Published in the *Souvenir of National Symposium on Non-Thermal technologies for improvement of safety and quality foods* organized by College of FPT & Bio energy, AAU, on March 18,2017 pp. 6.
15. Suvera PA, Patel RA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Management Systems for Food Safety Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 33.

16. Patel RA, Suvera PA, Patel AC, and Gopikrishna G. (2019) Dairy and Food laws and Regulation. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 34.
17. Patel AC, Pandya AJ, Gopikrishna G, Patel RA and Suvera PA (2019) Technological and Therapeutic Applications of Goat milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53
18. Gopikrishna G, Patel AC, Roy SK, Patel RA and Suvera PA (2019) Therapeutic Properties of Camel Milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 54.

#### AWARDS/RECOGNIZATION/ACHIEVEMENTS

| Sr. No. | Name of Award          | Instituted by                     | Year                 |
|---------|------------------------|-----------------------------------|----------------------|
| 1       | Best Participant Award | SMC College of Dairy Science, AAU | 16/11/16 to 06/12/17 |

#### 2. Ganugapenta Gopi Krishna

Ass. Professor  
 Dept. of Dairy Technology  
 GN Patel College of Dairy Technology  
**Joining Date** - 31/08/2012

#### QUALIFICATION

**B. Tech (Dairying) (2005)**  
 ANGRAU, HYDERABAD

**M. Tech (Dairy Technology) (2010)**  
 AAU-Anand

#### EXPERIENCE

| Sr. No. | Designation & Office   | Period     |            | Nature of Work |
|---------|------------------------|------------|------------|----------------|
|         |                        | From       | To         |                |
| 1       | Tirumala Milk Products | 12/06/2005 | 02/05/2006 | Dairy          |

|   |  |            |            |  |
|---|--|------------|------------|--|
|   | Private Ltd, Gudur   |            |            | Technologist   |
| 2 | Assistant Professor<br>Contractual   | 1/10/2009  | 31/08/2010 | Teaching,<br>Research work<br>and Extension  |
| 3 | Assistant Quality<br>Control Officer<br>(Inspection), APDDCF<br>Ltd., Hyderabad. | 28/10/2010 | 28/08/2012 | Quality Control<br>Activities<br>Across the State<br>of Andhra<br>Pradesh and<br>Extension |
| 4 | Assistant Professor  | 31/08/2012 | continue   | Teaching,<br>Research work<br>and Extension  |

## PUBLICATION

1. Patel, AC., Patel, H. G., Prajapati, R., and Gopikrishna, G., (2018), Effect of Moisture and Emulsifying Salt Concentration on Sensory Attributes of Reconstituted Dried Mozzarella Cheese As pizza Topping, *Int. J. Curr. Microbiol. App. Sci.*,7(6): 1004-1013
2. Prajapati R, Patel AC, Gopikrishna G and Patel R E-learning technologies: A modern Concept for teaching. In book entitled “Role of examination system in increasing effectiveness of dairy science education and career Movement of dairy professionals, eds. BK Makwana, MD Gurjar, KC Kamani & MC Prajapati.
3. Shendurse AM, Gopikrishna G, Patel AC and Pandya AJ (2018). Milk protein based edible films and coatings- preparation, properties and food applications. *Journal of Nutritional Health & Food Engineering*,8(2): 219-226.
4. Pandya AJ, Patel AC and Gopikrishna G. Recent trends in post harvest management of milk. Published in the *Souvenir of National Training on Advances in Post harvest Management of dairy and food product* organized by ICAR and College of Dairy Sci. & Food Sci. Tech., MPUAT, Udaipur, pp 13.
5. Patel RA, Suvera PA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Adulteration in Dairy and Food Products - A Review. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53-58.
6. Sawle PD, Patel AC, Shendurse AM, Gopikrishna G (2017) Application of high pressure processing for improvement of safety and quality of dairy products. Published in the *Souvenir of National Symposium on Non Thermal technologies for improvement of safety and quality foods* organized by College of FPT & Bio energy, AAU, on March 18,2017 pp.
7. Suvera PA, Patel RA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Management Systems for Food Safety Published in the *Souvenir of National*

*Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead.* Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 33.

8. Patel RA, Suvera PA, Patel AC, and Gopikrishna G. (2019) Dairy and Food laws and Regulation. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead.* Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 34.
9. Patel AC , Pandya AJ, Gopikrishna G, Patel RA and Suvera PA (2019) Technological and Therapeutic Applications of Goat milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead.* Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53
10. Gopikrishna G, Patel AC, Roy SK, Patel RA and Suvera PA (2019) Therapeutic Properties of Camel Milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead.* Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 54.
11. A review article on “Geriatric Foods” published in souvenir of national seminar on “Novel Dairy and Food Products for the Future”, organized jointly by DSC Alumni Association & SMC College of dairy Science, AAU, Anand, 2009.
12. A review article on “Realizing potential of Colostrum – Novel base for food” published in souvenir of national seminar on “Novel Dairy and Food Products for the Future”, organized jointly by DSC Alumni Association & SMC College of dairy Science, AAU, Anand, 2009.
13. A review article on “Milk proteins – Beautifully bioactive” published in souvenir of national seminar on “Novel Dairy and Food Products for the Future”, organized jointly by DSC Alumni Association & SMC College of dairy Science, AAU, Anand, 2009.

#### **AWARDS/RECOGNIZATION/ACHIEVEMENTS**

| <b>Sr. No.</b> | <b>Name of Award</b>  | <b>Instituted by</b>                                 | <b>Year</b> |
|----------------|---|--|-------------|
| 1              | Ganugapenta Gopi Krishna Secured 1 <sup>st</sup> Rank for Ph.D. admission in Dairy Technology | All India Competitive Examination- conducted by NDRI | 2010        |

### 3. Priyanka Suvera

Senior Research Assistant  
Dept. of Dairy Technology  
GN Patel College of Dairy Technology  
Mobile: 9408585677  
Email: [pasuvera@gmail.com](mailto:pasuvera@gmail.com)  
**Joining Date - 23/05/2015**

#### QUALIFICATION

**B. Tech (Dairy & Food Technology) (2012)**  
SDAU-SKnagar

**M. Tech (Dairy Technology) (2014)**  
AAU-Anand

#### EXPERIENCE

| Sr. No. | Designation & Office  | Period     |          | Nature of Work             |
|---------|---|------------|----------|----------------------------|
|         |   | From       | To       |                            |
| 1       | SRA<br>G. N. Patel College of Dairy Science & Food Technology | 23/05/2015 | Continue | Teaching and Research work |

#### PUBLICATION

1. Priyanka Suvera, S Pinto, S Patel, P Prajapati and L Oraon Development of Fiber Fortified Probiotic Shrikhand. (2017) Bioscan, 12(2): 725-732, 2017
2. P Suvera, PD Sawale and PS Prajapati Application of dietary fibers as value addition in dairy and food products. Indian J Dairy Sci 70(5):491-496 -2017
3. Ialita o, Jana A H, Prajapati PS and Priyanka Suvera, Application of herbs in a Functional Dairy Products. -A Review. Journal of Dairy, Veterinary & Animal Research, Volume 5 Issue 3 – 2017.
4. Patel RA, Suvera PA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Adulteration in Dairy and Food Products - A Review. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead.* Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53-58
5. Suvera PA, Patel RA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Management Systems for Food Safety Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead.* Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 33.

6. Patel RA, Suvera PA, Patel AC, and Gopikrishna G. (2019) Dairy and Food laws and Regulation. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 34.
7. Patel AC, Pandya AJ, Gopikrishna G, Patel RA and Suvera PA (2019) Technological and Therapeutic Applications of Goat milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53
8. Gopikrishna G, Patel AC, Roy SK, Patel RA and Suvera PA (2019) Therapeutic Properties of Camel Milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 54.
9. Suvera PA, Chaudhari V and Prajapati PS (2017) Development of fiber fortified Probiotic Shrikhand. International Seminar and Workshop: Fermented food nutrition health status and social wellbeing, Igypt chapter, 55-56

#### **AWARDS/RECOGNIZATION/ACHIEVEMENTS**

| <b>Sr. No.</b> | <b>Name of Award</b>   | <b>Instituted by</b> | <b>Year</b> |
|----------------|--|----------------------|-------------|
| 1              | Got 3 <sup>rd</sup> rank in Poster Making                            | AAU                  | 2013        |
| 2              | As a mentor of cultural activities- Runners up Dairy science college | SDAU                 | 2019        |



#### 4. Ronak A. Patel

Senior Research Assistant  
Dept. of Dairy Plant Operation  
GN Patel College of Dairy Technology  
Mobile: 9426877662  
Email: rkpt1999@gmail.com  
**Joining Date** - 30/03/2017

#### QUALIFICATION

**B. Tech (Dairy Technology) (2013)**  
AAU-Anand

**M. Tech (Dairy Technology) (2015)**  
AAU-Anand

#### EXPERIENCE

| Sr. No. | Designation & Office   | Period     |            | Nature of Work                |
|---------|--|------------|------------|-------------------------------|
|         |  | From       | To         |                               |
| 1       | Banas Dairy-Palanpur   | 26/09/2014 | 29/03/2017 | Powder Plant                  |
| 2       | SRA,<br>G.N. Patel College of Dairy<br>Science & Food Technology | 30/03/2017 | Continue   | Teaching and<br>Research work |

#### PUBLICATION

1. Patel RA, Jana AH, Modha H and Smitha B (2016) Process Standardization for the Manufacture of Mango flavoured steamed Sweetened Concentrated Yoghurt (Bhapadahi). *Journal of Dairy, Veterinary & Animal Research*, 4 (3) 2016
2. Patel RA, Jana AH, Modha H and Smitha B (2017) Selecting the flavouring amongst mango pulp and sugar treated carrot shreds for developing value-added *Bhapadahi*. *Bioscan*, 12(2): 873-880, 2017
3. Patel AC, Patel RA and Padya AJ (2018) Success story of Kajuben- the milk maid from Banaskantha. Published in the *Souvenir of National Seminar on Extension strategies for doubling the farmer income for livelihood security* organized by SEEG and AAU, Anand (GJ) on April. 26-27, 2018. pp. 251.
4. Prajapati R, Patel AC, Gopikrishna G and Patel RA E-learning technologies: A modern Concept for teaching. In book entitled "Role of examination system in increasing effectiveness of dairy science education and career Movement of dairy professionals, eds. BK Makwana, MD Gurjar, KC Kamani & MC Prajapati.
5. Patel RA, Suvera PA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Adulteration in Dairy and Food Products - A Review. Published in the *Souvenir*




of *National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53-58

6. Patel RA, Jana AH, Smitha B, Modha H and Patel B (2016) Screening of starter cultures for production of mango flavored *BhapaDahi*. Indian Dairy Association. 210
7. Suvera PA, Patel RA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Management Systems for Food Safety Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 33.
8. Patel RA, Suvera PA, Patel AC, and Gopikrishna G. (2019) Dairy and Food laws and Regulation. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 34.
9. Patel AC , Pandya AJ, Gopikrishna G, Patel RA and Suvera PA (2019) Technological and Therapeutic Applications of Goat milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53
10. Gopikrishna G, Patel AC, Roy SK, Patel RA and Suvera PA (2019) Therapeutic Properties of Camel Milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 54.

#### **AWARDS/RECOGNIZATION/ACHIEVEMENTS**

| <b>Sr. No.</b> | <b>Name of Award</b>  | <b>Instituted by</b> | <b>Year</b> |
|----------------|---|----------------------|-------------|
| 1              | Got 3rd rank in the entrance exam of B.Tech(DT) at SMC college Dairy Science College at Anand | AAU                  | 2008        |
| 2              | 1st rank in Entrance exam for SRA in GNP DSFT college   | SDAU                 | 2017        |

## Dairy Engineering Department

| Sr. No. | Name  | Details  |
|---------|---|--|
| 1       | <br>Er. Ravi J. Prajapati  | <b>Designation:</b> Asst. Professor & Head<br><br><b>Education Qualification:</b><br>M.Tech ( Dairy Engineering )<br><br><b>Contact:</b><br>(M) 9723522115<br><a href="mailto:raviprajapati168@gmail.com">raviprajapati168@gmail.com</a><br><a href="mailto:raviprajapati168@kamdhenuuni.edu.in">raviprajapati168@kamdhenuuni.edu.in</a> |
| 2       | <br>Er. Jay G. Patel       | <b>Designation:</b> Workshop Manager<br>(Contractual)<br><br><b>Education Qualification:</b><br>M.E (Mechanical Engineering )<br><br><b>Contact:</b><br>(M) 9429717473,<br><a href="mailto:jpatel.jay1@gmail.com">jpatel.jay1@gmail.com</a>  |
| 3       | <br>Er. Vishal P. Mevada | <b>Designation:</b> Asst. Professor(Contractual)<br><br><b>Education Qualification:</b><br>M.E (Mechanical Engineering )<br><br><b>Contact:</b><br>(M) 7383378123, <a href="mailto:vishalmevada93@gmail.com">vishalmevada93@gmail.com</a>  |
| 4       | <br>Er. Mihir J. Thakar  | <b>Designation:</b> Asst. Professor(Contractual)<br><br><b>Education Qualification:</b><br>M.E (Mechanical Engineering )<br><br><b>Contact:</b><br>(M): 9537850977<br><a href="mailto:thakarmihir.me12.28@gmail.com">thakarmihir.me12.28@gmail.com</a>   |

## 1. Er. Ravi J. Prajapati

Ass. Professor,  
Dept. of Dairy Engineering  
GN Patel College of Dairy Technology  
KU, Sardarkrushinagar  
Mobile: 9723522115  
Email: raviprajapati168@kamdhenuuni.edu.in  
Joining Date - 11/09/2017

### QUALIFICATION

**B. Tech (Dairy Technology) (2013)**  
SMC College of Dairy Science,  
Anand Agricultural University, Anand

**M. Tech (Dairy Engineering) (2015)**  
ICAR-National Dairy Research Institute,  
Karnal, Haryana

**Ph.D. (Dairy Engineering) (Perusing)**  
G N Patel College of Dairy Technology,  
Kamdhenu University, Sardarkrushinagar

### EXPERIENCE

| Sr. No. | Designation & Office  | Period     |            | Nature of Work  |
|---------|---|------------|------------|---|
|         |   | From       | To         |   |
| 1       | Senior Executive, Sales & Marketing Dairy Projects, IDMC Limited, Anand                   | 03/08/2015 | 09/09/2017 | Pre-project Planning, Design and layout of Dairy processing plants, Estimation of cost of project       |
| 2       | Assistant Professor Department of Dairy Engineering, GN Patel College of Dairy Technology | 11/09/2017 | Continue   | Teaching Dairy Engineering Courses to the Undergraduate Students, research and other related activities |

### PUBLICATION

1. Patel A., Patel H.G., Prajapati R., Gopikrishna G.,2018, Effect of Moisture and Emulsifying Salt Concentration on Sensory Attributes of Reconstituted Dried Mozzarella Cheese as Pizza Topping, Int. Jour. Curr. Microbiol. App. Science 7(6): 1004-1013 (NAAS rating- 5.38)
2. Prajapati R., Minz P., Lanjewar P., 2017, Determination of Residence Time Distribution in Thin Film Scraped Surface Heat Exchanger using Image Analysis,

Int. Jour. of Science, Environment & Technology. Vol. 6, No. 1, 82-90. (NAAS rating- 4.98)

3. Joshi J., Abraham J., Shah T. and Prajapati R., 2017, Optimization and Characterization of Methylcobalamin for Nasal Spray Technology in Management of Pernicious Anemia, Journal of Chemical Science Review and Letters, 6(24), 2458-2462, Article- CS032048113, ISSN 2278-6783 (NAAS rating- 5.21)
4. Prajapati D., Shrigod N., Prajapati R. and Pandit P., 2016, Textural and Rheological Properties of Yoghurt: A Review, Advances in Life Sciences Vol. 5 (13), 5238-5254. (ISSN 2278- 3849). (NAAS rating- 3.15)
5. Prajapati R., Patel A., Gopikrishna G. and Patel R., 2018, E-learning technologies: A modern concept for teaching in “Role of Examination System in increasing effectiveness of Dairy Science Education and Career movement of Dairy Professionals” at SMC College of Dairy Science, AAU, Anand. (Book chapter cum technical article)
6. Dhaduk J.J., Prajapati R., Patel A., 2021, Anthropology of Food and Dietary culture of Banaskantha in North Gujarat, Indian Food Anthropology and Eat Right Movement, Vol. 1 (12), 105-111.

#### **AWARDS/RECOGNIZATION/ACHIEVEMENTS**

| <b>Sr. No.</b> | <b>Name of Award</b>                          | <b>Instituted by</b>   | <b>Year</b> |
|----------------|---|--|-------------|
| 1              | “Best Poster Presentation (2 <sup>nd</sup> )” | Indian Dairy Engineers Association                             | 2018        |
| 2              | Best Thesis Award (2 <sup>nd</sup> )”         | Indian Dairy Engineers Association                             | 2016        |
| 3              | Certificate of Merit                          | ICAR- National Dairy Research Institute                        | 2015        |
| 4              | Best Poster Presentation (1 <sup>st</sup> )”  | Indian Dairy Engineers Association                             | 2016        |
| 5              | Budding researcher Award (1 <sup>st</sup> )   | Indian Dairy Engineers Association                             | 2014        |
| 6              | Best Poster Presentation (1 <sup>st</sup> )   | Indian Dairy Engineers Association                             | 2014        |
| 7              | Best Poster Presentation (2 <sup>nd</sup> )”  | Indian Dairy Engineers Association                             | 2015        |
| 8              | Best Poster Presentation (2 <sup>nd</sup> )”  | Alumni Association of SMC College of Dairy Science, AAU, Anand | 2015        |
| 9              | Best Poster Presentation (2 <sup>nd</sup> )”  | In ADROIT-2014 organized by College of FPT & BE, AAU, Anand    | 2014        |

## 2. Er. Jay G. Patel

Workshop Manager (Contractual)  
Dept. of Dairy Engineering  
GN Patel College of Dairy Technology  
KU, Sardarkrushinagar  
**Joining Date - 01/04/2018**

### QUALIFICATION

**B.E.(Mechanical Engineering)(2013)**  
Smt. S. R. Patel Engg. College,  
Unjha,Gujarat

**M.E.(Mechanical Engineering) (2016)**  
Saffrony Institute of Technology,  
Mehsana,Gujarat

### EXPERIENCE

| Sr. No. | Designation & Office   | Period     |          | Nature of Work                       |
|---------|--|------------|----------|--------------------------------------|
|         |  | From       | To       |                                      |
| 1       | Workshop Manager<br>(Contractual)<br>G.N. Patel College of<br>Dairy Technology | 01/04/2018 | Continue | Teaching & Workshop<br>Establishment |

### PUBLICATION

1. Jay G Patel & Falgun Patel, “To Study and Optimize the Process Parameter Throw Roller Burnishing Process on EN19 Material”, International Journal of Mechanical Engineering (IJME); ISSN(Print): 2319-2240; ISSN(Online): 2319-2259; Vol-5, Issue-6, Oct-Nov – 2016.
2. Jay G Patel & Yashodhar Vaghela, “To Study and Optimize the Process Parameter Throw Roller Burnishing Process on EN19 Material by Response Surface Methodology”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD); ISSN (Online): 2249-8001; ISSN (Print): 2249-6890; Impact Factor(JCC) (2016).
3. Jay Patel, Falgun Patel, “Parametric Optimization of Roller Burnishing for EN19 By Using Full Factorial Design”, International Journal for Technological Research in Engineering Volume 3, Issue 9, May-2016 ISSN (Online): 2347 – 4718.

### 3. Er. Vishal P. Mevada

Assistant Professor (Contractual)  
Dept. of Dairy Engineering  
GN Patel College of Dairy Technology  
KU, Sardarkrushinagar  
Mobile: 7383378123  
Email:vishalmevada93@gmail.com  
**Joining Date - 14/09/2018**

#### QUALIFICATION

**B.E.(Mechanical Engineering)(2013)**  
Silver Oak College of Engineering & Technology,  
Ahmedabad,Gujarat

**M.E.(Mechanical Engineering) (2016)**  
Hansaba College of Engineering & Technology,  
Sidhpur,Gujarat

#### EXPERIENCE

| Sr. No. | Designation & Office   | Period     |               | Nature of Work                      |
|---------|--|------------|---------------|-------------------------------------|
|         |  | From       | To            |                                     |
| 1       | Guest Lecturer<br>(G.N. Patel College of Dairy Technology, SDAU)                       | 06/09/2017 | 31/07/2018    | Teaching                            |
| 2       | Assistant Professor<br>(Contractual)<br>(G.N. Patel College of Dairy Technology, SDAU) | 14/09/2018 | Till the date | Teaching & Laboratory Establishment |

#### PUBLICATION

- Mevada Vishalkumar Prakashbhai, Ritesh A.Panchal. 2016. "To Compare the Performance of MLI Materials for LN2 Tank", International Journal of Advance Research and Innovative Ideas in Education, Vol. 3, Issue – 2, 5832 – 5839. ISSN(O)-2395-4396

#### 4. Er. Mihir J. Thakar

Assistant Professor (Contractual)  
Dept. of Dairy Engineering  
GN Patel College of Dairy Technology  
KU, Sardarkrushinagar  
Mobile: 9537850977  
Email: thakarmihir.me12.28@gmail.com  
Joining Year - 06/06/2019

#### QUALIFICATION

**B.E.(Mechanical Engineering)(2015)**  
Hansaba College of Engineering & Technology,  
Sidhpur, Gujarat

**M.E.(Mechanical Engineering) (2018)**  
Hansaba College of Engineering & Technology,  
Sidhpur, Gujarat

#### EXPERIENCE

| Sr. No. | Designation & Office   | Period     |               | Nature of Work                      |
|---------|--|------------|---------------|-------------------------------------|
|         |  | From       | To            |                                     |
| 1       | Assistant Professor<br><br>(M.K. College of Engineering & Technological Research, Patan) | 04/12/2018 | 30/04/2019    | Teaching                            |
| 2       | Assistant Professor (Contractual)<br><br>(G.N. Patel College of Dairy Technology, SDAU)  | 06/06/2019 | Till the date | Teaching & Laboratory Establishment |

#### PUBLICATION

1. Thakar D.A. &Thakar M.J. 2018. "Comparison of different CO<sub>2</sub> capture scheme in IGCC plant", International journal for scientific research and development, 5(12), Page 773-776.
2. Thakar D.A. &Thakar M.J. 2018. "Energy and exergetic evaluation of IGCC plant", International journal for scientific research and development, 6(2), Page 2266-2274.



## Dairy Plant operations Department

| Sr. No. | Name  | Details   |
|---------|---|---|
| 1       | <br><b>Mr. G. Gopi Krishna</b> | <p><b>Designation:</b><br/>Assistant Professor</p> <p><b>Education Qualification:</b><br/>M.Tech.</p> <p><b>Contact:</b><br/>(M) 7567889085<br/>gangopi@gmail.com</p> |
| 2       | <br><b>Mr R. A. Patel</b>     | <p><b>Designation:</b><br/>SRA</p> <p><b>Education Qualification:</b><br/>M.Tech.</p> <p><b>Contact:</b><br/>9426877662<br/>rkptl999@gmail.com</p>                    |

### 1. Ganugapenta Gopi Krishna

Ass. Professor  
 Dept. of Dairy Technology  
 GN Patel College of Dairy Technology  
**Joining Year - 31/08/2012**

#### QUALIFICATION

**B. Tech (Dairying) (2005)**  
 Angrau, Hyderabad

**M. Tech (Dairy Technology) (2010)**  
 AAU-Anand

#### EXPERIENCE

| Sr. No. | Designation & Office                      | Period    |            | Nature of Work     |
|---------|---|-----------|------------|--------------------|
|         |   | From      | To         |                    |
| 1       | Tirumala Milk Products Private Ltd, Gudur |           |            | Dairy Technologist |
| 2       | Assistant Professor                       | 1/10/2009 | 31/08/2010 | Teaching, Research |

|   |   |            |            |   |
|---|---|------------|------------|---|
|   | Contractual   |            |            | work and Extension activity   |
| 3 | Assistant Quality Control Officer (Inspection), APDDCF Ltd., Hyderabad. | 28/10/2010 | 28/08/2012 | Quality Control Activities Across the State of Andhra Pradesh and Extension |
| 4 | Assistant Professor   | 31/08/2012 | Continue   | Teaching, Research work and Extension                                       |

## PUBLICATION

1. Patel, AC., Patel, H. G., Prajapati, R., and Gopikrishna, G., (2018), Effect of Moisture and Emulsifying Salt Concentration on Sensory Attributes of Reconstituted Dried Mozzarella Cheese As pizza Topping, *Int. J. Curr. Microbiol. App. Sci.*,7(6): 1004-1013
2. Prajapati R, Patel AC, Gopikrishna G and Patel R E-learning technologies: A modern Concept for teaching. In book entitled "Role of examination system in increasing effectiveness of dairy science education and career Movement of dairy professionals, eds. BK Makwana, MD Gurjar, KC Kamani & MC Prajapati.
3. Shendurse AM, Gopikrishna G, Patel AC and Pandya AJ (2018). Milk protein based edible films and coatings- preparation, properties and food applications. *Journal of Nutritional Health & Food Engineering*,8(2): 219-226.
4. Pandya AJ, Patel AC and Gopikrishna G. Recent trends in post harvest management of milk. Published in the *Souvenir of National Training on Advances in Post harvest Management of dairy and food product* organized by ICAR and College of Dairy Sci. & Food Sci. Tech., MPUAT, Udaipur, pp 13.
5. Patel RA, Suvera PA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Adulteration in Dairy and Food Products - A Review. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead.* Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53-58.
6. Sawle PD, Patel AC, Shendurse AM, Gopikrishna G (2017) Application of high pressure processing for improvement of safety and quality of dairy products. Published in the *Souvenir of National Symposium on Non Thermal technologies for improvement of safety and quality foods* organized by College of FPT & Bio energy, AAU, on March 18,2017 pp.
7. Suvera PA, Patel RA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Management Systems for Food Safety Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead.* Organized By: College of Dairy

Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 33.

8. Patel RA, Suvera PA, Patel AC, and Gopikrishna G. (2019) Dairy and Food laws and Regulation. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 34.
9. Patel AC, Pandya AJ, Gopikrishna G, Patel RA and Suvera PA (2019) Technological and Therapeutic Applications of Goat milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53
10. Gopikrishna G, Patel AC, Roy SK, Patel RA and Suvera PA (2019) Therapeutic Properties of Camel Milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 54.
11. A review article on “Geriatric Foods” published in souvenir of national seminar on “Novel Dairy and Food Products for the Future”, organized jointly by DSC Alumni Association & SMC College of dairy Science, AAU, Anand, 2009.
12. A review article on “Realizing potential of Colostrum – Novel base for food” published in souvenir of national seminar on “Novel Dairy and Food Products for the Future”, organized jointly by DSC Alumni Association & SMC College of dairy Science, AAU, Anand, 2009.
13. A review article on “Milk proteins – Beautifully bioactive” published in souvenir of national seminar on “Novel Dairy and Food Products for the Future”, organized jointly by DSC Alumni Association & SMC College of dairy Science, AAU, Anand, 2009.

#### **AWARDS/RECOGNIZATION/ACHIEVEMENTS**

| <b>Sr. No.</b> | <b>Name of Award</b>  | <b>Instituted by</b>                                 | <b>Year</b> |
|----------------|---|--|-------------|
| 1              | Ganugapenta Gopi Krishna Secured 1 <sup>st</sup> Rank for Ph.D. admission in Dairy Technology | All India Competitive Examination- conducted by NDRI | 2010        |

## 2. Ronak A. Patel

I/c Plant superintendent &  
Senior Research Assistant  
Dept. of Dairy Plant Operation  
GN Patel College of Dairy Technology  
Mobile: 9426877662  
Email: rkptl999@gmail.com  
**Joining Date** - 30/03/2017

### QUALIFICATION

**B. Tech (Dairy Technology) (2013)**  
AAU-Anand

**M. Tech (Dairy Technology) (2015)**  
AAU-Anand

### EXPERIENCE

| Sr. No. | Designation & Office   | Period     |            | Nature of Work                   |
|---------|--|------------|------------|----------------------------------|
|         |  | From       | To         |                                  |
| 1       | Banas Dairy-Palanpur   | 26/09/2014 | 29/03/2017 | Powder Plant                     |
| 2       | SRA,<br>G.N. Patel College of Dairy<br>Science & Food Technology | 30/03/2017 | Continue   | Teaching and<br>Research<br>work |

### PUBLICATION




1. Patel RA, Jana AH, Modha H and Smitha B (2016) Process Standardization for the Manufacture of Mango flavoured steamed Sweetened Concentrated Yoghurt (Bhapadahi). *Journal of Dairy, Veterinary & Animal Research*, 4 (3) 2016
2. Patel RA, Jana AH, Modha H and Smitha B (2017) Selecting the flavouring amongst mango pulp and sugar treated carrot shreds for developing value-added Bhapadahi. *Bioscan*, 12(2): 873-880, 2017
3. Patel AC, Patel RA and Padya AJ (2018) Success story of Kajuben- the milk maid from Banaskantha. Published in the *Souvenir of National Seminar on Extension strategies for doubling the farmer income for livelihood security* organized by SEEG and AAU, Anand (GJ) on April. 26-27, 2018. pp. 251.
4. Prajapati R, Patel AC, Gopikrishna G and Patel RA E-learning technologies: A modern Concept for teaching. In book entitled "Role of examination system in increasing effectiveness of dairy science education and career Movement of dairy professionals, eds. BK Makwana, MD Gurjar, KC Kamani & MC Prajapati.

5. Patel RA, Suvera PA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Adulteration in Dairy and Food Products - A Review. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53-58
6. Patel RA, Jana AH, Smitha B, Modha H and Patel B (2016) Screening of starter cultures for production of mango flavored *BhapaDahiI*. Indian Dairy Association. 210
7. Suvera PA, Patel RA, Patel AC, Gopikrishna G and Sindhav RG. (2019) Management Systems for Food Safety Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 33.
8. Patel RA, Suvera PA, Patel AC, and Gopikrishna G. (2019) Dairy and Food laws and Regulation. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 34.
9. Patel AC , Pandya AJ, Gopikrishna G, Patel RA and Suvera PA (2019) Technological and Therapeutic Applications of Goat milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 53
10. Gopikrishna G, Patel AC, Roy SK, Patel RA and Suvera PA (2019) Therapeutic Properties of Camel Milk. Published in the *Souvenir of National Symposium on National Conference on Adulteration of Dairy & Food Products: Accomplishment & Road Ahead*. Organized By: College of Dairy Science and Postgraduate Institute of Dairy Education and Research, Kamdhenu University, Amreli, Gujarat – 365601 on March 19, 2019. pp 54.

#### **AWARDS/RECOGNIZATION/ACHIEVEMENTS**

| <b>Sr. No.</b> | <b>Name of Award</b>  | <b>Instituted by</b> | <b>Year</b> |
|----------------|---|----------------------|-------------|
| 1              | Got 3rd rank in the entrance exam of B.Tech(DT) at SMC college Dairy Science College at Anand | AAU                  | 2008        |
| 2              | 1st rank in Entrance exam for SRA in GNP DSFT college   | SDAU                 | 2017        |

## Dairy Chemistry Department

| Sr. No. | Name & Photograph   | Detail  |
|---------|---|---|
| 1       | <b>Dr. Amit Kumar</b><br>      | <b>Designation</b><br>Associate Professor & HOD<br><br><b>Education Qualification</b><br>Ph. D. (DC)<br><br><b>Contact Detail</b><br>7046520474<br>amitnalanda77@kamdhenuuni.edu.in |
| 2       | <b>Dr. A. M. Shendurse</b><br> | <b>Designation</b><br>Assistant Professor<br><br><b>Education Qualification</b><br>Ph. D. (DC)<br><br><b>Contact Detail</b><br>9579785623<br>amshendurse@kamdhenuuni.edu.in         |
| 3       | <b>Dr. Ramesh V.</b><br>     | <b>Designation</b><br>Assistant Professor<br><br><b>Education Qualification</b><br>Ph. D. (DC)<br><br><b>Contact Detail</b><br>846938664<br>drrameshv@kamdhenuuni.edu.in            |

## 1. Dr. Amit Kumar

Associate Professor & Head  
Department of Dairy Chemistry  
G.N. Patel College of Dairy Technology  
Kamdhenu University  
Sardarkrushinagar – 385506,  
Dist: Banaskantha, Gujarat  
Mobile: 6353508297  
Email: amitnalanda77@kamdhenuuni.edu.in  
**Joining Date - 07/04/2014**

## QUALIFICATION

**B.Tech. (Dairy Technology)(2002)**  
Sanjay Gandhi Institute of Dairy Technology, Patna  
RAU, Pusa, Bihar

**M. Sc.(Dairy Chemistry) (2004)**  
National Dairy Research Institute, Karnal, Haryana

**Ph. D. (Dairy Chemistry)(2008)**  
National Dairy Research Institute, Karnal, Haryana

## EXPERIENCE

| Sr. No. | Designation & Office                                | Period     |            | Nature of Work                                    |
|---------|---|------------|------------|---|
|         |   | From       | To         |   |
| 1       | Technical Assistant<br>SGIDT Patna, Bihar           | 13/03/2008 | 10/08/2008 | Teaching, Research and Extension.                 |
| 2       | Assistant Professor<br>GADVASU, Ludhiana,<br>Punjab | 11/08/2008 | 04/04/2014 | Teaching, Research and Extension.                 |
| 3       | Associate Professor<br>KU, SK Nagar, Gujarat        | 07/04/2014 | Continuing | Teaching, Research & Extension,<br>Administration |

## PUBLICATION

1. Shendurse AM, Sangwan RB, **Amit kumar**, Ramesh V., Patel AC, Gopikrishna G. and Roy SK. 2021. Phytochemical screening and antibacterial activity of lemongrass (*Cymbopogon citratus*) leaves essential oil. *Journal of Pharmacognosy and Phytochemistry*, 10(2): 445-449.
2. **Amit Kumar**; Sharma V. and Lal, D. 2009. "Thin layer chromatographic method for the detection of rice bran oil in other vegetable oils". *J. Food Sci. Technol.* 46 (1): 85-86.

3. Sharma, V.; Reddy, M.J.S.; Arora, S.; **Amit Kumar**, Lal, D.; Seth, R.; Wadhwa, B.K. and Sharma, G.S. 2009. "Applicability of enzymatic diagnostic kit for estimation of cholesterol in ghee". J. Food Sci Technol. 46 (3): 244-246.
4. Manoj Kumar, Vivek Sharma, Darshan Lal, **Amit Kumar** and Raman Seth. 2010. "A comparison of the physico-chemical properties of low-cholesterol ghee with standard ghee from cow and buffalo creams" International Journal of Dairy Technology. 63 (2): 252-255.
5. Arun Kumar, Darshan Lal, **Amit Kumar**, Raman Seth and Vivek Sharma. 2013. "Influence of seasonal variation on fatty acid composition and physico- chemical characteristics of milk fat". Indian J. Dairy Sci. 66 (6)
6. **Amit Kumar**, V. Unnikrishnan, Lal, D. and Sharma, V. 2010. "Evaluation of the rosolic acid test for checking its suitability to detect neutralizers in milk". Indian J. Dairy Sci. 63 (2): 111-113.
7. Arun Kumar, Darshan Lal, **Amit Kumar**, Raman Seth and Vivek Sharma. 2011. "Detection of added vegetable oils/fats and animal body fats in milk fat on the basis of presence of marker fatty acids and different fatty acids ratios". Indian J. Dairy Sci. 64 (5): 388-395.
8. **Amit Kumar**, Arun Kumar, Lal D., Sharma, V. and Seth, R. 2009. "Validation of crystallization test for detection of animal body fats in clarified milk fat". Indian J. Dairy Sci. 62(5):410-414.
9. **Amit Kumar**; Lal, D., Sharma, V. and Seth, R. 2009. "A simple colorimetric test for detection of rice bran oil in ghee". Indian J. Dairy Sci. 62 (1): 71-73.
10. Sharma, V.; Tushar Makwana; Arora, S.; **Amit Kumar**; Lal, D.; Seth, R.; Wadhwa, B.K. and Sharma, G.S. 2008. "A rapid method of cholesterol estimation in ghee using non-enzymatic diagnostic kit". Indian J. Dairy Sci. 61 (5): 353-359.
11. **Amit Kumar**; Sharma V. and Lal, D. 2008. "Development of a thin layer chromatography-based method for the detection of Rice bran oil as an adulterant in ghee". Indian J. Dairy Sci. 61 (2): 113-115.

#### AWARDS/RECOGNIZATION/ACHIEVEMENTS

| Sr. No. | Name of Award   | Instituted by            | Year |
|---------|---|--------------------------|------|
| 1       | Granted A Patent (No. 257783)   | Indian patent            | 2013 |
| 2       | Best Research Paper Award   | IDA, New Delhi           | 2008 |
| 3       | Letter of Appreciation for pioneering the technology for Low-Cholesterol Ghee, getting it patented and commercialized | Director, NDRI<br>Karnal | 2014 |



## 2. Dr. A. M. Shendurse

Assistant Professor,  
Department of Dairy Chemistry,  
G.N. Patel College of Dairy Technology,  
Kamdhenu University, Sardarkrushinagar – 385506,  
Dist: Banaskantha, Gujarat.  
Mobile: 9579785623  
Email: amshendurse@kamdhenuuni.edu.in  
Joining Date - 01-09-2012

## QUALIFICATION

### **Ph. D. (Dairy Chemistry) (2020)**

Sardarkrushinagar Dantiwada Agricultural University (GJ)

### **M. Sc.(Dairy Chemistry) (2008)**

National Dairy Research Institute, Karnal, Haryana

### **B.Tech. (Dairy Technology) (2006)**

Maharashtra Animal and Fishery Sciences University, Nagpur (MS)

### **Post Graduate Diploma in Food Safety and Quality Management (2016)**

IGNOU, New Delhi

### **Post Graduate Diploma in Agricultural Extension Management (2018)**

MANAGE, Hyderabad

### **Certificate course on Teaching Management (2017)**

ICAR-NAARM, Hyderabad

## EXPERIENCE

| Sr. No. | Designation & Office   | Period   |            | Nature of Work                 |
|---------|--|----------|------------|--------------------------------|
|         |  | From     | To         |                                |
| 1       | Guest Lecturer, College of Dairy Technology, Pusad (MAFSU)   | 25-08-08 | 07-10-08   | Teaching, Research & Extension |
| 2       | Assistant Professor (Ad-hoc) Dept. of Dairy Chemistry, MAFSU, Nagpur-06 (MS)                                     | 17-10-08 | 09-06-11   | Teaching, Research & Extension |
| 3       | Assistant Professor, Dept. of Dairy and Food Chemistry, MIDFT, Mehsana-384002, Gujarat                           | 16-06-11 | 31-08-12   | Teaching, Research & Extension |
| 4       | Assistant Professor, Dept. of Dairy Chemistry, GN Patel College of Dairy Technology, KU, SKNagar-385506, Gujarat | 01-09-12 | Contd..... | Teaching, Research & Extension |

## PUBLICATION

1. **Shendurse AM**, Sangwan RB, Amit kumar, Ramesh V., Patel AC, Gopikrishna G. and Roy SK. 2021. Phytochemical screening and antibacterial activity of lemongrass (*Cymbopogon citratus*) leaves essential oil. *Journal of Pharmacognosy and Phytochemistry*, 10(2): 445-449.
2. AC Patel, AJ Pandya, G. Gopikrishna, RA Patel, **AM Shendurse** and SK Roy. 2020. Development of *Kulfi* incorporated with Amaranthus (*Rajgara*). *International Journal of Current Microbiology and Applied Sciences*, 9(5): 612-625.
3. AC Patel, AJ Pandya, RA Patel, Gopikrishna G., **AM Shendurse** and SK Roy. 2020. Storage related changes in *Lassi* supplemented with Amaranthus flour. *Indian Journal of Dairy Science*, 73(6): 526-534.
4. Patel AC, Pandya AJ, Gopikrishna G., **Shendurse AM**, Suvera P., Patel RA and Joshi ND. 2020. Storage stability of *Kulfi* incorporated with Amaranthus (*Rajgara*). *The Pharma Innovation Journal*, 9(5): 18-23.
5. Goswami, M., Prajapati, B., Solanki, B., Shishir, N., & **Shendurse, A.** 2019. Shelf Life Evaluation of Chicken Meat Nuggets Incorporated with Gooseberry (Pulp and Seed Coat) Powder as Natural Preservatives at Refrigerated Storage (4±1°C). *International Journal of Livestock Research*, 9(5), 53-63.
6. Patel AC, Pandya AJ, Gopikrishna G., Suvera P., Patel RA, Shendurse AM, and Chaudhary MK. 2020. Development of Gulabjamun by incorporating the Amaranthus hypochondriacus L. (*Rajgara*). *Journal of Pharmacognosy and Phytochemistry*, 9(3): 1913-1918.
7. BB Munde, DD Patange, **AM Shendurse**, DK Kamble and PD Sawale. 2017. "Quality evaluation of *Lassi* sold in Kolhapur city". *Indian J. Dairy Sci.*, 70 (5): 541-547.
8. Sumit Arora, **Ashish M. Shendurse**, Vivek Sharma, Balbir K. Wadhwa & Ashish K. Singh. 2013. "Assessment of stability of binary sweetener blend (aspartame x acesulfame-K) during storage in whey lemon beverage". *Journal of Food Science & Technology*, 50(4): 770-776.
9. Changade S.P., **Shendurse AM**, Mishra S.K., & Bhandari P.N. 2012. "Utilization of paneer whey for preparation of whey-based Mungwadi". *Indian J. Dairy Sci.*, 65(1): 23-28.
10. Changade S.P., **Shendurse AM**, & Bhandari PN. 2012. "Studies on standardization of a method for preparation of Mungwadi by using chakka whey". *Beverages and Food World*, 39(2): 34-36.
11. Changade S.P., **Shendurse AM**, & Bhandari PN. 2012. "Optimization of process parameters for development of whey based Sevaiah". *Beverages and Food World*, 39(7): 46-47 & 50.
12. S.P. Changade, **AM Shendurse**, & PN Bhandari. 2012. "Process optimization for preparation of suji halwa by using chakka whey". *Beverages and Food World*, 39(7): 57-59.

13. Mukesh K. Meena, Sumit Arora, **Ashish M. Shendurse**, Vivek Sharma, Balbir Kaur Wadhwa and Ashish K. Singh. 2011. "Formulation optimisation of a whey lemon beverage using a blend of the sweeteners aspartame and saccharin". International J. Dairy Tech., 64. (doi: 10.1111/j.1471-0307.2011.00712.x).
14. Changade SP, **Shendurse AM**, Mishra SK and Bhandari PN. 2011. "Studies on process optimization of whey based carrot halwa.". Indian J. Dairy Sci., 64(6): 472-480.
15. **Shendurse AM**, Arora S, Sharma V, Singh AK and Wadhwa BK. 2010. "Process optimization of whey lemon beverage using sweetener blend (aspartame X acesulfame-K)". Indian J. Dairy Sci., 63(5): 371-375.

#### AWARDS/RECOGNIZATION/ACHIEVEMENTS

| Sr. No. | Name of Award   | Instituted by   | Year |
|---------|---|---|------|
| 1       | Best Teacher Award                                      | S.D.A.U., Sardarkrushinagar, Gujarat  | 2018 |
| 2       | Best Researcher National Award                          | IRDP Group of Journals, Chennai, India  | 2018 |
| 3       | Young Scientist Award                                   | International Association of Research and Developed organization (IARDO), India | 2019 |
| 4       | Official spotlight certificate for best faculty         | South Asian Education Awards, India   | 2019 |
| 5.      | Shining Image of India Award for Educational Excellence | Economic Growth Society of India  | 2019 |

### 3. Dr. Ramesh V.

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### QUALIFICATION

#### Ph. D. (Dairy Chemistry) (2011)

National Dairy Research Institute, Karnal, Haryana

#### M. Tech. (Dairy Chemistry) (2005)

Dairy Science College, KVAFSU, Hebbal, Bangalore

#### B. Tech. (Dairy Technology) (2001)

Dairy Science College, KVAFSU, Hebbal, Bangalore

### EXPERIENCE

| Sr. No. | Designation & Office   | Period     |            | Nature of Work                                   |
|---------|--|------------|------------|--|
|         |  | From       | To         |  |
| 1       | Asst. Professor (Dairy and Food Chemistry), Dairy Science and Food Technology College, KU, S.K. Nagar, Gujarat | 12/03/2014 | Conti...   | Teaching, Research, Extension and administration |
| 2       | Assistant Professor (Dairy Chemistry), Dairy Science College, Gulbarga, KVAFSU, Bidar                          | 26/09/2011 | 08/10/2014 | Teaching, Research, Extension and administration |
| 3       | Research Fellow, Dairy Science College, Hebbal, Bangalore, KVAFSU, Bidar                                       | 19/01/2006 | 28/07/2007 | Research on sanctioned project                   |
| 4       | Research Fellow, Dairy Science College, Hebbal, Bangalore, KVAFSU, Bidar                                       | 15/03/2005 | 31/12/2005 | Research on sanctioned project                   |

### PUBLICATION


1. Chavda, V.R., Modi, R.B, **Ramesh, V.** and Parmar. M.P. (2015). Evaluation of antioxidant activity of protein enriched cranberry whey beverage International research journal of chemistry. 2321-3299.

2. Bariya, A.R., Prajapati, B.I., Makwana, M.D., Chavda, P. J. and **Ramesh. V** (2015). Pulsed Electric Field (PEF): Anovel Technique in processing of livestock products. Life sciences leaflets. 0976-1098.
3. Singh, R., Kumar, R., **Ramesh, V.**, Mann, B. and Tomar, S.K. (2012). Studies on physic-chemical and tntioxidant properties of strawberry polyphenol extract-fortified stirred Dahi. International Journal of Dairy Technology. Doi.10.1111/j.1471-0307.2012.00874.x.
4. Apurba Giri, Ramachandra Rao, H.G. and **Ramesh.V.** (2012). Effect of incorporating whey protein concentrate into stevia-sweetened Kulfi on physico-chemical and sensory properties. International Journal of Dairy Technology. Doi:10.1111/1471.0307.12005.
5. **Ramesh. V.**, Rajesh Kumar., Singh, R.R.B.Singh., Kaushik, J.K. and Bimlesh Mann. (2012). Comparative evaluation of selected strains of lactobacilli for the development of antioxidant activity in milk. Dairy Science and Technology. 92:179-188.
6. Apurba Giri., Ramachandra Rao. and **Ramesh. V.** (2012). Effect of partial replacement of sugar with stevia on the quality of Kulfi. Journal of Food Science and Technology. DOI:10.1007/s13197-012-0655-6.
7. **Ramesh, V.**, Keshava Prasad, P.K. and Bhat, G.S. (2006). Studies on biochemical oxygen demand and chemical oxygen demand at different stages of processing of milk products. Journal of Food Science and Technology. 43(6):583-585.
8. Shilpashree, B.G., Bhavadasan, M.K., Surendra Nath., **Ramesh. V.** and Sivanand,S. (2011). Quality of high-priced traditional milk sweets marketed in Bangalore. Indian Journal of Dairy Science. 65:212-218.
9. Chandini Chandran., Bhat.G.S., Jayashree Hiremath. and **Ramesh. V.** (2008). Compositional Characteristics of caseinophosphopeptides isolated from cultured milk. Indian Journal of Dairy and Biosciences. 19 (1&2): 9-13.
10. **Ramesh, V.**, Keshava Prasad, P.K. and Bhat, G.S. (2007). Studies on biochemical oxygen demand and chemical oxygen demand at different stages of fluid milk processing. Indian Journal of Dairy and Biosciences 18 (1 &2) :64-66.

#### AWARDS/RECOGNIZATION/ACHIEVEMENTS

| Sr. No. | Name of Award         | Instituted by  | Year |
|---------|-----------------------|--|------|
| 1       | Young Scientist Award | Society for Scientific Development in Agriculture & Technology | 2019 |
| 2       | Best Poster Award     | Department of Biochemistry, Saurashtra University, Rajkot      | 2015 |
| 3       | Best trainee          | NIPHM, Hyderabad   | 2014 |
| 4       | Best Poster Award     | FSSAI, New Delhi   | 2013 |
| 5       | Best Poster Award     | BHU, Varanasi  | 2011 |
| 6       | Best Poster Award     | CFTRI,Mysore/NorwegianUniversity of Life Sciences, Norway      | 2006 |
| 7       | Best Poster Award     | AFST(I), Mysore  | 2004 |

## Dairy Microbiology Department

| Sr.No. | Name   | Details   |
|--------|--|---|
| 1      | <p data-bbox="448 398 660 432"><b>Dr. MANJU G.</b></p>  | <p data-bbox="762 421 1110 488"><b>Designation:</b><br/>Assistant Professor &amp; Head</p> <p data-bbox="762 528 1129 595"><b>Education Qualification:</b><br/>Ph. D. (Dairy Microbiology)</p> <p data-bbox="762 636 1069 748"><b>Contact:</b><br/>(M) 9510751933,<br/><a href="mailto:manjugdsc@gmail.com">manjugdsc@gmail.com</a></p> |

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### QUALIFICATION-

**B. Tech (Dairy Technology) (2006)**

Dairy Science College,  
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**M. Tech (Dairy Microbiology) (2008)**

ICAR-National Dairy Research Institute,  
Karnal, Haryana

**PhD (Dairy Microbiology) (2014)**

ICAR-National Dairy Research Institute, Karnal, Haryana

### EXPERIENCE

| Sr. No. | Designation & Office  | Period      |                 | Nature of Work                       |
|---------|---|-------------|-----------------|--------------------------------------|
|         |   | From        | To              |                                      |
| 1       | Assistant Professor<br>G.N. Patel College of Dairy<br>Technology<br>KU, SK Nagar                  | 10-Aug-2015 | Till Date       | Teaching,<br>research &<br>extension |
| 2       | QA Manager<br>Parsons Nutritional Pvt Ltd<br>(Contract Manufacturer for<br>Cadbury-Oreo biscuits) | 22-Sep-2014 | 08-Aug-<br>2015 | Quality<br>Assurance                 |

### PUBLICATION

1. Anand S, **Manju G**, Saini P, Beniwal A and Ram C (2018) Synbiotic yoghurt supplemented with *Ocimum sanctum* essential oil. International Journal of Current Microbiology and Applied Sciences 7 (3): 1250-1262.
2. **Manju G**, Ram C and Suman (2017) Combination of trans-cinnamaldehyde and eugenol with nisin for inactivation of *L. monocytogenes*. Indian Journal of Dairy Science 70 (4): 411-420.

3. Kumar N, Das S and **Manju G**. Spore germination-based detection kit for b-lactam group in milk. Indian Patent No Patent Number: 273160. Patent filed 21/01/2009 and patent granted 23/05/2016.
4. **Manju G**, Ram C and Suman (2015) Antimicrobial efficacy of vanillin in conjunction with mild heat treatment against *Escherichia coli* O157: H7 in sweetened lassi. Indian Journal of Dairy Science 68 (3): 223-230.
5. Das S, Kumar N, Raghu HV, Haldar L, **Manju G**, Singh V and Puniya AK (2014) Microbial based assay for specific detection of  $\beta$ -lactam group of antibiotics in milk. Journal of Food Science and Technology 51(6): 1161–1166.
6. Mishra SK, Malik RK, Kaur G, **Manju G**, Pandey N, Singroha G, Behare P and Kaushik JK (2012) Characterization of a Reuterin-producing *Lactobacillus reuteri* BPL-36 strain isolated from human infant fecal sample. Probiotics and Antimicrobial Proteins 4(3):154-161.
7. Manjunatha BM, **Manju G**, Mishra SK, Naik L and Kohli RK (2012) Mathematical models describing deterioration kinetics of MathuraPeda. Indian Journal of Dairy Science 65(4):293-299.
8. Mishra SK, Malik RK, Kaur G, **Manju G**, Pandey N and Singroha G (2012) Potential bioprotective effect of reuterin produced by *L. reuteri* BPL-36 alone and in combination with nisin against food borne pathogens. Indian Journal of Dairy Science 64(5):406-411.

#### AWARDS/RECOGNIZATION/ACHIEVEMENTS

| Sr. No. | Name of Award              | Instituted by            | Year      |
|---------|----------------------------|--------------------------|-----------|
| 1       | Junior Research Fellowship | ICAR-New Delhi           | 2006-2008 |
| 2       | Best Poster Award          | Indian Dairy Association | 2010      |
| 3       | Best paper award           | Indian Dairy Association | 2013      |
| 4       | Best Poster Award          | NIFTEM, Sonapat          | 2014      |



## Dairy Business Management

| Sr.No. | Name  | Details   |
|--------|---|---|
| 1      | <br><b>Dr. A. M. Shendurse</b> | <b>Designation:</b><br>Assistant Professor & Head<br><br><b>Education Qualification:</b><br>Ph. D. (Dairy Chemistry)<br><br><b>Contact:</b><br>(M) : 9579785623<br>amshendurse@kamdhenuuni.edu.in |

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Joining Date - 01-09-2012

### QUALIFICATION

**Ph. D. (Dairy Chemistry) (2020)**  
Sardarkrushinagar Dantiwada Agricultural University (GJ)

**M. Sc. (Dairy Chemistry) (2008)**  
National Dairy Research Institute, Karnal, Haryana

**B. Tech. (Dairy Technology) (2006)**  
Maharashtra Animal and Fishery Sciences University, Nagpur (MS)

**Post Graduate Diploma in Food Safety and Quality Management (2016)**  
IGNOU, New Delhi

**Post Graduate Diploma in Agricultural Extension Management (2018)**  
MANAGE, Hyderabad

**Certificate course on Teaching Management (2017)**  
ICAR-NAARM, Hyderabad

## EXPERIENCE

| Sr. No. | Designation & Office   | Period   |           | Nature of Work                 |
|---------|--|----------|-----------|--------------------------------|
|         |  | From     | To        |                                |
| 1       | Guest Lecturer, College of Dairy Technology, Pusad (MAFSU)   | 25-08-08 | 07-10-08  | Teaching, Research & Extension |
| 2       | Assistant Professor (Ad-hoc) Dept. of Dairy Chemistry, MAFSU, Nagpur-06 (MS)                                     | 17-10-08 | 09-06-11  | Teaching, Research & Extension |
| 3       | Assistant Professor, Dept. of Dairy and Food Chemistry, MIDFT, Mehsana-384002, Gujarat                           | 16-06-11 | 31-08-12  | Teaching, Research & Extension |
| 4       | Assistant Professor, Dept. of Dairy Chemistry, GN Patel College of Dairy Technology, KU, SKNagar-385506, Gujarat | 01-09-12 | Contd.... | Teaching, Research & Extension |

## PUBLICATION

1. **Shendurse AM**, Sangwan RB, Amit kumar, Ramesh V., Patel AC, Gopikrishna G. and Roy SK. 2021. Phytochemical screening and antibacterial activity of lemongrass (*Cymbopogon citratus*) leaves essential oil. *Journal of Pharmacognosy and Phytochemistry*, 10(2): 445-449.
2. AC Patel, AJ Pandya, G. Gopikrishna, RA Patel, **AM Shendurse** and SK Roy. 2020. Development of *Kulfi* incorporated with Amaranthus (*Rajgara*). *International Journal of Current Microbiology and Applied Sciences*, 9(5): 612-625.
3. AC Patel, AJ Pandya, RA Patel, Gopikrishna G., **AM Shendurse** and SK Roy. 2020. Storage related changes in *Lassi* supplemented with Amaranthus flour. *Indian Journal of Dairy Science*, 73(6): 526-534.
4. Patel AC, Pandya AJ, Gopikrishna G., **Shendurse AM**, Suvera P., Patel RA and Joshi ND. 2020. Storage stability of *Kulfi* incorporated with Amaranthus (*Rajgara*). *The Pharma Innovation Journal*, 9(5): 18-23.
5. Goswami, M., Prajapati, B., Solanki, B., Shishir, N., & **Shendurse, A.** 2019. Shelf Life Evaluation of Chicken Meat Nuggets Incorporated with Gooseberry (Pulp and Seed Coat) Powder as Natural Preservatives at Refrigerated Storage (4±1°C). *International Journal of Livestock Research*, 9(5), 53-63.
6. Patel AC, Pandya AJ, Gopikrishna G., Suvera P., Patel RA, Shendurse AM, and Chaudhary MK. 2020. Development of Gulabjamun by incorporating the Amaranthus hypochondriacus L. (*Rajgara*). *Journal of Pharmacognosy and Phytochemistry*, 9(3): 1913-1918.

7. BB Munde, DD Patange, **AM Shendurse**, DK Kamble and PD Sawale. 2017. "Quality evaluation of *Lassi* sold in Kolhapur city". Indian J. Dairy Sci., 70 (5): 541-547.
8. Sumit Arora, **Ashish M. Shendurse**, Vivek Sharma, Balbir K. Wadhwa & Ashish K. Singh. 2013. "Assessment of stability of binary sweetener blend (aspartame x acesulfame-K) during storage in whey lemon beverage". Journal of Food Science & Technology, 50(4): 770-776.
9. Changade S.P., **Shendurse AM**, Mishra S.K., & Bhandari P.N. 2012. "Utilization of paneer whey for preparation of whey-based Mungwadi". Indian J. Dairy Sci., 65(1): 23-28.
10. Changade S.P., **Shendurse AM**, & Bhandari PN. 2012. "Studies on standardization of a method for preparation of Mungwadi by using chakka whey". Beverages and Food World, 39(2): 34-36.
11. Changade S.P., **Shendurse AM**, & Bhandari PN. 2012. "Optimization of process parameters for development of whey based Sevaiah". Beverages and Food World, 39(7): 46-47 & 50.
12. S.P. Changade, **AM Shendurse**, & PN Bhandari. 2012. "Process optimization for preparation of suji halwa by using chakka whey". Beverages and Food World, 39(7): 57-59.
13. Mukesh K. Meena, Sumit Arora, **Ashish M. Shendurse**, Vivek Sharma, Balbir Kaur Wadhwa and Ashish K. Singh. 2011. "Formulation optimisation of a whey lemon beverage using a blend of the sweeteners aspartame and saccharin". International J. Dairy Tech., 64. (doi: 10.1111/j.1471-0307.2011.00712.x).
14. Changade SP, **Shendurse AM**, Mishra SK and Bhandari PN. 2011. "Studies on process optimization of whey based carrot halwa.". Indian J. Dairy Sci., 64(6): 472-480.
15. **Shendurse AM**, Arora S, Sharma V, Singh AK and Wadhwa BK. 2010. "Process optimization of whey lemon beverage using sweetener blend (aspartame X acesulfame-K)". Indian J. Dairy Sci., 63(5): 371-375.

#### AWARDS/RECOGNIZATION/ACHIEVEMENTS

| Sr. No. | Name of Award                  | Instituted by                          | Year |
|---------|--------------------------------|--|------|
| 1       | Best Teacher Award             | S.D.A.U., Sardarkrushinagar, Gujarat   | 2018 |
| 2       | Best Researcher National Award | IRDP Group of Journals, Chennai, India | 2018 |

|    |   |  |      |
|----|---|--|------|
| 3  | Young Scientist Award                                   | International Association of Research and Developed organization (IARDO),<br>India | 2019 |
| 4  | Official spotlight certificate for best faculty         | South Asian Education Awards, India  | 2019 |
| 5. | Shining Image of India Award for Educational Excellence | Economic Growth Society of India   | 2019 |