


## Dairy Microbiology Department

Sr.No.	Name	Details
1	<b>Dr. MANJU G.</b> 	<b>Designation:</b> Assistant Professor & Head <b>Education Qualification:</b> Ph. D. (Dairy Microbiology) <b>Contact:</b> (M) 9510751933, <a href="mailto:manjugdsc@gmail.com">manjugdsc@gmail.com</a>

### 1. Dr. MANJU G.

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**Joining Date:** 10-Aug-2015

#### QUALIFICATION-

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

Dairy Science College,  
KVAFSU, Bengaluru

**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 G.N. Patel College of Dairy Technology KU, SK Nagar	10-Aug-2015	Till Date	Teaching, research & extension
2	QA Manager Parsons Nutritional Pvt Ltd (Contract Manufacturer for Cadbury-Oreo biscuits)	22-Sep-2014	08-Aug-2015	Quality 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**

<b>Sr. No.</b>	<b>Name of Award</b>	<b>Instituted by</b>	<b>Year</b>
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