
NAME: GAYATRI MISHRA

MASTER OF TECHNOLOGY

(FOOD PROCESSING TECHNOLOGY)

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Class/ Course	Name of Institute	Board/ University	Year of Passing	% of Marks (Class)
M. Tech (Food Processing Technology)	College of Food Processing Technology & Bio-Energy, Anand.	Anand Agricultural University, Anand	2014	CGPA-8.3
B.Tech (Agricultural Engineering)	College of Agricultural Engineering and Technology, Bhubaneswar	Orissa University of Agriculture and Technology, Bhubaneswar	2012	OGPA-8.23
HSC	Panchayat Junior College, Bargarh, Odisha	Council of Higher Secondary Education, Bhubaneswar, Odisha	2008	67.68%
SSC	Govt. Girls' High School, Bargarh, Odisha	Board of Secondary Education, Odisha	2006	85.73%

Research experience:

- Development of high fibre cookies with partial replacement of wheat flour by chia flour.
- Effect of gamma radiation on shelf-life of traditionally fermented fresh Idli batter.
- Development of herbal tea bags using stevia as a sugar substitute.
- Technology development for popping of sorghum grain using microwave energy.

- Study on drying kinetics of jamun pulp in a cabinet tray dryer.

Honours and awards:

- **Awarded University gold medal** for **highest mark** in M.Tech. (Food Processing Technology), 2012-14 batch, College of FPT and BE, AAU, Anand.
- **“ISAE Best Paper Award”** in student category during 48th ISAE annual Convention at Udaipur, Rajasthan.
- **Best multimedia technical presentation** during National level Tech fest “ADROIT’13” organized by College of FPT & BE, Anand.
- **1st runners up in paper presentation** during National level symposium “FoodXplore’13” organized by TNAU, Tamil Nadu.
- **First prize in National level quiz** competition conducted by **AES, IIT, Kharagpur (Prakriti’14)**.

Technical skills:

- Well versed with Statistical packages: Statistica, Design Expert, Matlab, and Minitab.
- Familiar with equipments: DSC, GC, HPLC, LCMS, SEM, Texture analyser, Spectrophotometer.
- Computer skills: C, C++, Javascript, HTML, Oracle, data structure.

Conferences and publication:

- Panda, B.K. and Mishra, G. (2012) Jamun : A Noble Cum Profitable Option for Food Processing Industry, Pratisuti Plus: 8th Entrepreneurship week-2012, 7(18):32-33.
- Mishra, G., Joshi D.C. and Panda B.K. (2014). Popping and puffing of cereal grains: A review. Journal of Grain Processing and Storage, 1(2): 34-46.
- Mishra, G., Shah, M. and Christian, N. (2014). Development of nutritionally superior and eggless vegetarian cookies by using chia seed flour. Journal of Grain Processing and Storage, 1(2): 54-58.
- Conference preceding (Abstracts): 5

Technical Event	Theme	Organised by	Presentation
International conference	Fermented foods, health status and social well being	Anand Agricultural University, Anand, Gujarat (December, 2013)	Poster
International conference	Emerging food safety risks: Challenges for	National Institute of Food technology Entrepreneurship and	Poster

	Developing Countries	Management, Haryana (January, 2014)	
National conference	48th ISAE convention	Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan (February, 2014)	Paper
National symposium	Sustainable food systems for food security and nutrition	Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu (September, 2013)	Paper, Poster
National level tech-fest	Adroit'13	College of FPT and BE, AAU, Anand (October, 2013)	Paper

Training and workshop:

Year	Organization	Work
2010 (1 months)	Implement factory(OFMRDC) Bhubaneswar, Odisha	Trained on design and manufacturing of different agricultural machinery.
2011 (1 months)	Dept. of APFE, C.A.E.T., OUAT, Bhubaneswar, Odisha	Development of processed products and their preservation
2011 (4 months)	Central institute of Post harvest Engineering and Technology (CIPHET) Ludhiana, Punjab	A project research work on Drying kinetics of jamun pulp in Cabinet tray dryer
2013 (2 months)	Odisha State co-operative Milk Producers' Federation Limited (OMFED), Bhubaneswar	Milk Processing Equipments and Plant Management
January, 2014	NIFTEM, Haryana	Food safety and quality workshop
May, 2014	Anand Agricultural University, Anand, Gujarat	MATLAB workshop

Personal details

Date of Birth	24/04/1991
Gender	Female
Marital Status	Unmarried
Nationality	Indian
Language known	Oriya, Hindi, English, Gujarati