

CURRICULUM VITAE

Name: Ranjana Pande

Address: D/O Shri Gopal Krishna Pande
House No. 33/33-88, Rohit Nagar Colony
P.O-B.H.U
Varanasi, Uttar Pradesh – 221005, India

Phone: +91-9474822616

Email: ranjanapande@gmail.com

Nationality: Indian

Webpage: <http://www.dak.iitkgp.ernet.in/phd/profile.php?roll=08AG9705>

Academic Qualifications:

2012 **Ph.D.** (Agricultural and Food Engineering Department), Indian Institute of Technology, Kharagpur, West Bengal, India.

2006 **M.Sc.** (Applied Microbiology), V.B.S Purvanchal University, Jaunpur, (India).

2004 **BSc.** (Biotechnology and Chemistry) from V.B.S Purvanchal University, Jaunpur India.

Publications Based on the Present Research Work

A. In referred International journals

- Pande R, Mishra HN, Singh MN (2012). Microwave drying for safe storage and improved nutrition quality of green gram seed (*Vigna radiata*). Journal of Agricultural and Food Chemistry, 60: 3809-3816.
- Pande R, Mishra HN, Singh MN (2012). Influence of microwave heating on moisture sorption isotherm of green gram (*Vigna radiata*) seeds. International Journal of Food Science and Technology. (Communicated).
- Pande R, Mishra HN, Singh MN (2012). Role of entomopathogen (*Beauveria bassiana*) to control the storage insect pests of green gram (*Vigna radiata*) seeds. Crop Protection. (Communicated)
- Pande R, Mishra HN, Singh MN (2012). Effect of microwave and fungal treatments on nitrogen solubility index of stored green gram (*Vigna radiata*) seeds. Innovative Food Science and Emerging Technologies. (Communicated)

B. Book Chapter

- Pande R, Mishra S, Mishra HN, Singh MN (2012). Chapter Title: Role of entomopathogenic fungi (*Beauveria bassiana*) in stored food grain safety. In: Editor Tiwari, SP, Singh RS, Sharma, R. Book Title: "Recent advance in microbiology". Nova science publisher, Inc. New York. (In Press)

C. Conference Presentation

International conferences

- Pande R, Mishra HN, Singh MN (2012). Effect of entomopathogen (*Beauveria bassiana*) on insect mortality and moisture content of stored green gram (*Vigna radiata*) seed. Paper and Poster accepted by IFT annual meeting and Food expo (25-28 June) organized in Las Vegas, Nevada, USA.
- Pande R, Mishra HN, Singh MN (2011). Moisture Sorption Isotherms of Raw and Microwave Treated Green Gram (*Vigna radiata*). Paper presented in American society of agricultural and biological engineers (7-10 Aug.) organized by ASABE at Louisville, Kentucky, USA.
- Pande R, Mishra HN, Singh MN (2010). Influence of optimized microwave treatment on protein digestibility, mineral content and microstructure of stored green gram (*Vigna*

radiata). Paper presented in International conference on traditional foods (ICTF) (1-3 Dec.) organized by Pondicherry University and association of food scientists and technologists (Indai) Pondicherry chapter.

- Pande R, Mishra HN, Singh MN (2010). Effect of microwave heating on nitrogen solubility index of stored green gram (*Vigna radiata*). Poster presented in Effost annual meeting Food and Health (10-12 Nov.) organized by Effost at Dublin, Ireland
- Pande R, Mishra HN, Singh MN (2009). Physical control of insect pests of stored pulses by fluidized heating. Paper presented in International conference on Food security and environmental sustainability (17-19 Dec.) organized by Agricultural and Food Engineering Department at Indian Institute of Technology, Kharagpur (India).
- Pande R, Mishra HN, Singh MN (2008). Physical control of insect pests of stored grain. Poster presented in International conference on Food convention (15-19 Dec.) organized by Central Food Research Institute at Mysore (India).

National conference

- Pande R, Mishra HN, Singh MN (2012). Comparison of microwave drying and microbial control on protein content of stored green gram (*Vigna radiata*) seed in different packaging material. Paper presented in Acharya P C Ray National Young Scientist Conference (17-18 Feb) organized by Vijnana Bharati, Presidency University and Culcutta University. Kolkata, India
- Pande R, Mishra HN, Singh MN (2011). Physical properties of raw and microwave treated stored green gram seeds. Poster presented in National Symposium on Emerging innovative Technologies for Assurance of Quality and Safety in Processed Foods (FoQSAT) (24-25 Feb.) Organized by Agricultural and Food Engineering Department at Indian Institute of Technology, Kharagpur (India).
- Pande R, Mishra HN, Singh MN (2010). Effect of Fluidized bed heat treatment on chemical composition and anti nutrition component of green gram. Poster presented in Annual convention of Indian Society of Agricultural Engineers (28-30 Jan.) organized by Indian Agricultural and Research Institute, New Delhi, India.

Awards and Achievements:

- Senior Research Fellowship by Indian Council of Agricultural Research (ICAR), India.
- Travel grant from Indian Council of Agricultural Research (ICAR), India for attending ASABE conference (2011) at Louisville, Kentucky, USA.
- Travel grant from Department of Biotechnology, India for attending ASABE conference (2011) at Louisville, Kentucky, USA.