

Chinmaya Kishore Bakhara, Ph.D.
Assistant Research Engineer
AICRP on Post Harvest Technology
Department of Agricultural Processing and Food Engineering



Education

- Ph.D. (Agril. Engg.) in Agricultural Processing and Food Engineering, Orissa University of Agriculture and Technology, Bhubaneswar (India)- 2008
- M. Tech in Post Harvest Engineering, IIT, Kharagpur - 1989
- B.Sc. (Ag. Engg. & Tech.), Orissa University of Agriculture and Technology, Bhubaneswar- 1987

Experience

Working in OUAT Bhubaneswar since 1989 in different capacities in teaching, research and extension and as Assistant Research Engineer, AICRP on Post Harvest Technology, Department of Agricultural Processing and Food Engg. since Dec, 2006.

Externally Funded Projects/ schemes

- Principal Investigator, ICAR-FCI sponsored Project on Study on Determining Storage Losses of Food Grains in FCI and CWC Warehouses

Other important assignments

Nil

Courses taught

- Post Harvest Engineering of Cereals, Pulses and Oil seeds to B.Tech (Ag. Engg.) students
- Post Harvest Engineering of Horticultural Crops to B.Tech (Ag. Engg.) students
- Food Engineering (Elective) to B.Tech (Ag. Engg.) students
- Post Harvest Engineering to B.Sc.(Ag.) students of CA, Chiplima and CA, Bhubaneswar

Students guided

Guided 2 students for M. Tech.

Significant research contributions

- Developed net collection system for mahua flower
- UV stabilized LDPE low tunnel for drying of mahua flower
- Power operated mahua stamen remover,
- Manual mahua seed decorticator and power operated mahua seed decorticator
- Developed the process technology for value addition of mahua flower as mahua candy, mahua laddu, mahua cake, mahua bar, mixed mahua jam mahua RTS, etc.

Present research interests

- NTFP processing and value addition
- Development of small equipments for processing of agricultural produces
- Pack house technology, Minimal Processing and Value chain management of fresh fruits and vegetables

Honours and Awards

- Member in the Best Team award by ISAE.

Peer recognition

- Expert Member of Assessment Committee for technical persons in CRRI, Cuttack and DWM, Bhubaneswar.

Publications

Published 10 research papers in peer reviewed journals and more than 10 popular technical articles and booklets.

Selected publications

- Bakhara, C.K., Pal, U.S. and Md. K. 2009. Mass transfer kinetics model of osmotic dehydration of tender jackfruit pieces. Journal of Food Science and Technology. 45(4): 367-370.

Contact details:

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