

Jayanarayan Mishra, Ph.D.
Associate Professor
AICRP on Ergonomics and Safety in Agriculture,
Department of Farm Machinery and Power



Education

- Ph.D. (Agril. Engg.), Utkal University, Bhubaneswar - 2006
- M. Tech., (Agril. Engg.) in Farm Machinery & Power, Orissa University of Agriculture and Technology, Bhubaneswar – 1989
- B.Sc. (Ag. Engg. & Tech.), Orissa University of Agriculture and Technology, Bhubaneswar- 1985

Experience

Joined in OUAT, Bhubaneswar in 1994 and working in different capacities in teaching, research & extension. Resource Person in trainers training programmes on Micro Irrigation, Protected Agriculture Now working as Associate Professor in All India Coordinated Research Project on Ergonomics and Safety in Agriculture, Department of Farm Machinery and Power, CAET, OUAT, Bhubaneswar since 2010.

Other important assignments

- Resource Person in trainers training programmes on Women friendly tools & equipment for drudgery reduction.
- Advisor, Students' Union

Courses taught

- Renewable Energy Sources (U.G)
- Protected Agriculture (U.G.)
- Ergonomics & Safety in Farm Operations (P.G.)
- Disaster Management (P.G.)

Students guided

- Guided 4 students for M. Tech.

Significant research contributions

- Standardized water requirement in different fruit crops like Coconut, banana, mango & Cashew for coastal climate of Odisha.
- Standardization of techniques for raising round the year mango & cashew grafts under naturally ventilated greenhouse.
- Prospects of Naturally ventilated greenhouse for offseason vegetable production.
- Developed a manual operated three row rice transplanter.
- Developed a manual operated coconut dehusker.

Present research interests

- Work physiology of workers.
- Protected agriculture
- Modification of workstation

Honours and Awards

- Received a number of awards for presentation of technical papers in seminars.

International trainings/ visits

- Attended International workshop on "Micro Irrigation Technologies and Automation in Irrigation Systems" in 2007, Pune, India under Indo-Israel Programme.

Peer recognition

- Expert member to different Govt. and Non-Govt. Committees.

Publications

35 research papers in peer reviewed journals and more than 40 popular technical articles.

Contact details:

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