

Jayanarayan Mishra, Ph.D.

Professor

AICRP on Ergonomics and Safety in Agriculture,
Department of Farm Machinery and Power



Education

Ph.D. (Agril. Engg.), 2006

M. Tech., (Agril. Engg.) in Farm Machinery & Power, 1989

B.Sc. (Ag. Engg. & Tech.), 1985

Experience

Joined in OUAT, Bhubaneswar in 1994 as Assistant Professor, since June, 2006 as Associate Professor and June, 2014 as Professor and working in different capacities in teaching, research & extension as resource person in trainers training programmes on Micro Irrigation, Protected Agriculture, All India Coordinated Research Project on Ergonomics and Safety in Agriculture, Department of Farm Machinery and Power.

Other important assignments

- Resource Person in trainers training programmes on Women friendly tools & equipment for drudgery reduction.
- Certified Master Trainer in National Skill Development Corporation under skill India
- 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

45 research papers in peer reviewed journals and more than 50 popular technical articles.

Contact details:

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