



**Ajaya Kumar Dash, Ph.D.**  
**Associate Professor ,**  
**Department of Farm Machinery & Power**

### ***Education***

- Ph.D. in Energy Studies, Indian Institute of Technology, New Delhi- 2007
- M. Tech.(Ag. Engg.) in Farm Machinery & Power, Orissa University of Agriculture & Technology, Bhubaneswar- 1989
- B.Sc. (Ag. Engg. & Tech.), Orissa University of Agriculture and Technology, Bhubaneswar- 1987

### ***Experience***

*Working in OUAT Bhubaneswar since 1990 in different capacities in teaching, research and extension and as Associate Professor, Department of Farm Machinery & Power since 2002.*

### ***Externally Funded Projects/ schemes***

- Presently working in All India Coordinated Research Project on Utilisation of Animal Energy with Enhanced System Efficiency since 2012.

### ***Courses taught***

- Field operation & maintenance of tractors & farm machinery – I & II
- Farm machinery equipment – I
- Farm power & machinery
- Renewable energy

### ***Students guided***

Guided four students for M. Tech. research

### ***Present research interests***

- Organic agriculture
- Integrated approach to renewable energy
- Green initiatives

### ***Honours and Awards***

- University Gold Medal, 1989, Orissa University of Agriculture and Technology.

### ***Member Professional Societies***

- Life Member, Indian Society of Agricultural Engineers.

- Life Member, Indian Science Congress.
- Fellow, Institute of Engineers(India), Kolkata.
- Life member, Orissa Engineering Congress.
- Life Member, Orissa Bigyan Academy.
- Member, Biodynamic Association of India, Bangalore.
- Life Member, CAET Alumni Association.

### ***Peer recognition***

- External examiner to Central Agricultural University.
- Referee of national/ international journals.
- Resource person to Govt. and non-Government organizations.

### ***Publications***

Authored 2 books in english, 3 books in oriya and more than 20 research papers in peer reviewed journals and more than 10 popular technical articles.

### ***Selected publications***

- **Dash, A.K.**, P.K.Sahoo, L.M.Das and S.N.Nayak. 2014. Simarouba glauca biodiesel as a potential renewable alternative to petro-diesel in India. Agricultural Engineering Today. Vol. 38(4): 37-43.
- **Dash, A.K.**, P.K.Sahoo, L.M.Das and S.N.Nayak. 2014. Studies on properties of Simarouba glauca fruit and kernel relevant to mechanical decortication. Seed Research.
- **Dash, A. K.**, S. K. Swain, A. K. Mohapatra and M. Mohapatra. 2014. Sustainability of draught animals through employment generation of rural masses. Journal of Extension Education. Vol. 19(1): 93-99.

### ***Contact details:***

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