

## **CURRICULUM VITAE**

**Bharat Chandra Sahoo**

Assistant Professor (senior scale)

Department of Agricultural Structure, Civil and Environmental Engineering

College of Agricultural Engineering and Technology

Orissa University of Agriculture and Technology,

Bhubaneswar -751003

Orissa, India

### **Qualification:**

<b>Degree</b>	<b>Year</b>	<b>University</b>
B. Tech (Agricultural Engg. & Tech.)	1986	Orissa University of Agriculture and Technology, Orissa, India
M. Tech (Soil and Water Conservation Engineering)	1994	Orissa University of Agriculture and Technology, Orissa, India

### **Working Experience:**

<b>Post held</b>	<b>Duration</b>	<b>Institute/University</b>
Assistant Professor (Agril. Structure)	July 2006 - continuing	Orissa University of Agriculture and Technology, Orissa, India
Training Organiser	Nov. 2005- July 2006	Orissa University of Agriculture and Technology, Orissa, India
Training Associate (Agril. Engg.)	July 1997 – Nov.2005	Orissa University of Agriculture and Technology, Orissa, India
Teaching Assistant	July 1992 – July 1997	Orissa University of Agriculture and Technology, Orissa, India
Junior Scientist (Engg.)	Aug. 1987 –July 1992	Orissa University of Agriculture and Technology, Orissa, India

### **Publications from Ph. D research:**

#### **International Journal:**

Sahoo, B.C., Panda, S.N., and Panigrahi, B. (2010). Modeling evaporative water loss from the on-farm reservoir with biological shading. J. Hydrol. Engg. (ASCE), 15 (7): 544-553.

**International Conference proceedings:**

1. **Sahoo, B.C.**, Panda, S.N. and Panigrahi, B. (2009). Reduction of evaporative water loss from the on-farm reservoir using creeper cover. Proceedings of the International conference on “An International Perspective on Environmental and Water Resources” at AIT, Bangkok during 5th – 7th January: 1 – 18.
2. **Sahoo, B.C.**, Panda,S.N. and Panigrahi, B. (2009). Simulation modeling for sizing of lined and unlined rainwater harvesting structures for various crop substitution ratios in rainfed uplands. Proceedings of International conference on “Water harvesting, storage and conservation” at IIT, Kanpur during 23rd – 25th November : 101 – 106.
3. **Sahoo, B.C.** and Panda, S.N. (2009). Modeling evaporative water loss from biologically shaded on-farm reservoir using radiation interception. Proceedings of International conference on “Food security and environmental sustainability” at IIT, Kharagpur during 17th – 19th December.

**National Convention:**

1. Sahoo, B.C., S.N.Panda and B. Panigrahi (2009). Modeling evaporative water loss from on-farm reservoirs with creeper cover. National convention of Indian Society of Agricultural Engineers at Ranchi, Jharkhand, India.