



Dr. Deepak Das B. Tech (Ag. Engg), M. Tech, PhD.

Associate Professor,

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Academic Background

Degree	University	Year
PhD (Ag. Engg)	Gandhigram Rural Institute, Gandhigram, Tamil Nadu	2013
M. Tech (Ag. Engg)	Panjabrao Deshmukh Agriculture University, Maharashtra	1992
B. Tech (Ag. Engg)	Panjabrao Deshmukh Agriculture University, Maharashtra	1990

Courses Taught

- Tractor systems and control
- Field operation and maintenance of tractor
- Farm machinery and power
- Heat and mass transfer
- Building construction
- Farm machinery and Equipment
- Storage structure and packaging technology

Research Interests

- Ergonomics in farm machinery
- Proto type development of low-cost farm tools and implements
- Interdisciplinary research

Memberships in Professional Bodies

- Member in Indian Society of Agricultural Engineering

MOST RECENT PUBLICATIONS

- **Deepak Das and J. D. Iyakaremye** (2016) Comparative study on field capacity and specific fuel consumption of three different models of tractors. East African Journal of Science and Technology, Vol.6: 37-43.
- Niyonkuru Rose and **Deepak Das** (2019) Application of FAO-Cropwat software for modelling irrigation schedule of rice in Rwanda, Rwanda Journal of Agricultural Sciences, Vol. 1: 7-13.
- Jean de Dieu Iyakaremye and **Deepak Das** (2019) Evaluation and comparison of the performance characteristics of improved firewood stove for rural households of Rwanda, East African Journal of Science and Technology), Vol. 9: 1-18.
- Jean de Dieu Iyakaremye and **Deepak Das** (2017) Prediction of electric energy consumption in small scale farming systems of Rwanda, East African Journal of Science and Technology, Vol. 7: 69-80.
- Ave Marie Therese and **Deepak Das** (2019) Studies on greenhouse gas emissions from rice field in Rwanda, Rwanda Journal of Agricultural Sciences, Vol. 1: 61-67.
- M. Sankaranarayan and **Deepak Das** (2004) Agricultural and Socioeconomic status of farmers and need for farm Mechanization for Rwanda, Revue de l'ISAE, Vol.1:72-75.
- **Deepak Das** (2017) Effect of weather condition on tea production in three tea estates of Rwanda, Journal of Extension and Research, Vol.12: 29-33.
- **Deepak Das** (2007) Study of soil properties of selected tea plantation in three tea estates of Rwanda, Journal of Extension and Research. Vol. XII: 52-59.
- **Deepak Das** (2017) Evaluation of drip irrigation and growth parameters for amaranth production under double digging and normal digging, Vol.5:50-58.
- **Deepak Das** and R. Udhayakumar (2011) Effect of tillage on crop performance in Kigali, Rwanda, Africa, Rwanda Journal of Agricultural Sciences, Vol.2:51-58.
- **Deepak Das** (2013) Study of power tiller performance in dry land field using proto type rotary blades, Kenyan Journal of Agricultural Research, Vol.4:93-97.
- Nema Ma-Lyse and **Deepak Das** (2011) Performance evaluation in sprinkler irrigation system on maize crop. Case study Matimba Irrigation scheme, Rwanda Journal of Agricultural Sciences, Vol.2:28-33.

- **Deepak Das** (2018) Assessment of soil and water quality in Rugende irrigation scheme of Rwanda ,Journal of Extension and Research, Vol.XII:67-73.
- Rose Niyonkuru and **Deepak Das** (2019) Assessing the suitability of rice cultivation in Muvumba p-8 marshland of Rwanda using soil properties, African Journal of Agricultural Research, Vol.3:21-26.
- **Deepak Das** and R. Udhayakumar (2011) Effect of tillage treatments and depth of ploughing on soil moisture during short dry season in Kigali, Rwanda, Rwanda Journal of Agricultural Sciences, Rwanda Journal of Agricultural Sciencesol.211-17.
- Claire Umuhoza and **Deepak Das** (2011) The effects of domestic grey water reuse for irrigation on soil pyhsical and chemical characteristics, Rwanda Journal of Agricultural Sciences, Vol.2:63-68.
- **Deepak Das** (2014) Study on impact of soil texture, water content and plot size of tractor fuel consumption in tillage, Kenyan Journal of Agricultural Research, Vol.5:32-37.
- **Deepak Das** and M. Sankaranarayan (2004) Agricultural Mechanization Strategy for Rwanda, Revue de l'ISAE, Vol.1:87-95.