

ARDRA WILSON

M.Tech (Agricultural Engineering)

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OBJECTIVE

To build a career with an esteemed organisation that provides challenging opportunities for progressive learning and enhancement of professional and personal skills thereby being a constructive influence in the progress of the organization and society.

To be a part of a mighty Agricultural Engineering organization and to put my maximal effort to nourish it.

QUALIFICATIONS

Qualification	Discipline/specialization	School/college	Percentage /class
Master of Technology	Agricultural Engineering (Soil and Water Engineering)	Kelappaji College of Agricultural Engg. & Technology, Tavanur (2015-2017)	87%
Bachelor of technology	Agricultural Engineering	Kelappaji College of Agricultural Engg. & Technology, Tavanur (2011-2015)	81%
Higher Secondary	Biology Science + Mathematics	SHCGHSS Chalakudy (2009-2011)	94%
SSLC	State board preferred subjects	St. Joseph's English Medium Higher Secondary school, Aloor	95%

ACADEMIC PROJECTS & SEMINARS

Project (B. Tech)	Bioengineering measures for erosion and sediment control
Seminar (B. Tech)	Geopolymer – A green concrete
Project (M. Tech)	Assessment of the impact of sand mining on the morphology of the severely affected reach of Bharathapuzha river between Pattambi and Kuttippuram using Remote Sensing and GIS
Seminar (M. Tech)	Application of Remote Sensing and GIS in the analysis of changes in river morphology

PUBLICATIONS

- Ardra Wilson and Vishnu, B. 2017. A study on the channel enlargement and lateral migration in the Kuttippuram to Pattambi reach of Bharathapuzha river, Kerala. *Trends in Biosciences*. 10(32): 6929-6932.
- Ardra Wilson and Vishnu, B. 2021. Feasibility analysis of elevation data from dem for studying the morphological changes of the river. *International Journal of Modern Trends in Engineering and Research (IJMTER)*. 8(12): 13-17.
- Ardra Wilson and Vishnu, B. 2021. Evaluation of morphological changes in the river Bharathapuzha using DEM images. *International Journal of Current Microbiology and Applied Sciences*. 10(12).
- Ardra Wilson and Asha Joseph. 2021. Bioengineering measures for erosion and sediment control. *International Journal of Farm Sciences*. 12(2).
- Saji *et al.* 2022. Standardization of Irrigation and Fertigation Requirement for Snake Gourd under Rain Shelter. *IJECC*. 12(5): 57-65
- Geopolymer – a green concrete. 2021. *Indian Farmer*. 8 (08): 469-470.
- Soil and water conservation measures - An overview. *Kerala Karshakan*. 66(9): 55-60.

EXPERIENCE

Post held	Institution	Nature of Work	Duration (Year, Months)
Training Executive	Agricultural Research Station, Mannuthy, Thrissur, Kerala, India	Co-ordination of Training works	1 year 2 months
Assistant Professor (Contract)	KCAET, Tavanur, Malappuram, Kerala, India	Teaching and Research	4 Years 2 months

TRAINING

- One-week training on spice processing at Indian Institute of Spice Research, Kozhikode, Kerala.
- One-week training on diary processing at College of Dairy Science and Technology, KAU, Vellayani.
- One-week training on food processing at Foster Breads, KINFRA, Kakkanchery.
- One-month training on operation, maintenance and management of farm power and machinery at Southern Region Farm Machinery Training and Testing Institute.

- One-month training on soil loss estimation under changing climatic scenarios at Central Research Institute for Dryland Agriculture, Hyderabad.
- E-Faculty Development Program cum Training Workshop on “Environment, Water and Disaster Risk Reduction” organized by National Institute of Disaster Management, Ministry of Home Affairs, Government of India and Sharda University, NCR, India.
- Faculty Development Program on Software Applications in Water Resources Management Organized by Centre for Remote Sensing and Geoinformatics & Department of Civil Engineering in Association with National Institute of Technology Calicut & Indian Society of Remote Sensing.
- International Workshop on Application of Remote Sensing and GIS in Water, Environment, Land and Society organized by IAWEEES & IHE Delft.
- International Webinar on “Innovations and Advances in Agricultural Engineering” organized by Agricultural Engineering College and Research Institute, Kumulur, Trichy under aegis of Tamil Nadu Agricultural University, Coimbatore.
- Five-Days Online Vocational Training Programme on “Automation in Micro Irrigation System” organized by Department of Soil & Water Conservation Engineering, College of Agricultural Engineering & Technology, JAU, Junagadh.
- Purpose Oriented Training Program Through Distance Learning on “Irrigation Assets Mapping using GIS” Conducted by National Water Academy, Pune.
- International Virtual Conference on “Management of Coastal Ecosystem in Climate Change era” (MCECC-21) Organized by the Department of Soil Science and Agricultural Chemistry, Faculty of Agriculture, Annamalai University, Tamil Nadu, India.
- Virtual Training on “Soil survey & Land Use Planning using Remote Sensing and GIS” Organized by ICAR-NBSS&LUP, Regional Centre, Hebbal, Bangalore.

MEMBERSHIP

- Life member of Indian Association of Soil and Water Conservationists (IASWC)
- Life member of Indian Society of Agricultural Engineers (ISAE)
- Life member of Society for Advancement of Human and Nature (SADHNA)
- Member of International Association of Engineers (IAENG)
- Member of All India Agricultural Students Association (AIASA)

AREAS OF INTEREST

- Agricultural Engineering
- Irrigation and Drainage Engineering
- Land and Water Resources Conservation Engineering
- Geographic Information System and Remote Sensing

TECHNICAL SKILLS

Operating System	Microsoft Windows
Office suites	MS office
Software's	ArcGIS, ERDAS IMAGINE

PERSONAL TRAITS

- Self-confident.
- Self-motivated.
- Interregional living experience.
- Passion towards learning new things.
- Desire for contributing some good towards society

PERSONAL DETAILS

Date of Birth	16/11/1992
Hobbies	Writing, Drawing
Languages Known	English, Malayalam, Hindi
Permanent Address	Thayyil (H), Karoor P O, Thrissur, Kerala - 680697

REFERENCES

Er. Vishnu B.
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DECLARATION

I do here by declare that the above written particulars are true to the best of my knowledge and belief.

Place: Thrissur
Date: 14/11/2022

(ARDRA WILSON)