Name of Faculty Member: Dr. Gudidha Gopi

Department: Agricultural Engineering

Email Address: gopi.g@kaveriuniversity.edu.in

1. Research Articles Published

• Gudidha Gopi and K. P. Rema. 2021.Calibration and Validation of HEC-HMS Model for Chalakudy River Basin.International Journal of Environment and Climate Change, 11(5):91-104.

- G Gopi and *K Shanmugasundaram. 2018. Estimation of Surface Runoff Generated on Catchment Area By SCS-CN Method Using Arc-GIS For Mahilambadi Watershed, Trichy District, Tamil Nadu.Research Journal of Agricultural Sciences,9(5):1127-1130,
- B.S Madhusudan1*, Sreeharsha Vandavasi2, B. S. Nataraja3 and G. Gopi1.2020.Auditing and Analysis of Energy Consumption of a Hostel Building. Current Journal of Applied Science and Technology,39(25):43313
- Gudida Gopi, B.S. Madhusudan and Ayyanna.2019). Estimation of Reference Evapotranspiration using Cropwat- 8 Model In Semi-Arid Region.Indian Journal of Ecology,46(3):619-622
- G. Gopi, K. Shanmugasundaram and B.S. Madhusudan. 2020. Structural Analysis of Shade Nets for Construction of Low-Cost Shade Net Houses in A Semi-Arid Climate of Trichy District, Tamil Nadu, India. Indian Journal of Ecology ,47(3):697-702.
- Sudheer Padikkal, K.P. Rema and Gudidha Gopi. 2020. Frequented Extreme Climatic Events in Kerala Evolving Sustainable Management Paradigm. Journal of THE INDIAN SOCIETY OF Coastal Agricultural Research, 38(2):140-146.
- G Gopi, K Mithun, K Srinivas Kumar and G Rajender. 2019. Cost effective polyhouse development for Telangana semi-arid tropics. International Journal of Chemical Studies,7(3):1380-1383.
- G Gopi and K Shanmugasundaram. 2019. Philip's and green-Ampt model capability to estimate infiltration for soils of Mahilambadi, Tamil Nadu state, India. International Journal of Chemical Studies, 7(3):1426-1429.

2. Books Published

• Dr Eresh kumar k, Dr. Bhookya devojee, Dr Gudidha Gopi. Objective question bank in agricultural engineering for E-CET. Akinik publications. 2021, 978-93-91216-24-5

3. Book Chapters

• K. Mithun, G. Gopi, Subarna Ghosh and Nenavath Manikyam.Byproduct Utilization for Production of EcoFriendly Briquettes Which Aid in Additional Income Generation: An Alternative to Burning of Crop Residues on Field.Advances in renewable energy engineering.Akinik publishers,2019:

4. Popular Articles

S.No.	Author(s),	Title of Article	Platform/Publication Name
1	Gudidha Gopi, K. Mithun, Subarna	Application of Models	AGRICULTURE & FOOD: e-
	Ghosh	in Watershed	Newsletter
		Management	
2	Gudidha Gopi, K. Mithun, Subarna	Remote sensing	AGRICULTURE & FOOD: e-
	Ghosh	applications in coastal	Newsletter
		land management	
3	K. Mithun, Subarna Ghosh, G.	Pearl Millet Based	Agriculture & Food: E-
	Gopi, N. Manikyam	Novel Foods	Newsletter
4	K. Mithun, Subarna Ghosh, N.	Nutri-Cereals in Public	Agriculture & Food: E-
	Manikyam, G. Gopi	Distribution System	Newsletter