

## DEPARTMENT OF AGRICULTURE ENGINEERING

### Publication details

S. No.	Title of Paper	Name of the Authors	Name of Journal	Year of publication	ISSN Number
1	Influence of TIG welding processing parameters on mechanical properties of austenitic stainless steel using Taguchi analysis	Dr. Rajaravi, C	Materials Today: Proceedings	2023	2214-7853
2	Effect of the Hardness in Al/TiB <sub>2</sub> MMC with Sand Mould and Permanent Mould	Dr. Rajaravi, C.	Materials, Design and Manufacturing for Sustainable Environment: Proceedings of ICMDMSE 2022	2022	Online ISBN 978-981-19-3053-9 Print ISBN 978-981-19-3052-2
3	Experimental Characterization of CNSL-Epoxy Resin Reinforce Natural Fiber	Dr. Rajaravi, C.	Materials, Design and Manufacturing for Sustainable Environment: Proceedings of ICMDMSE 2022	2022	Online ISBN 978-981-19-3053-9 Print ISBN 978-981-19-3052-2
4	Trend analysis of ground-water level to assess vulnerability of groundwater in Chittar sub basin of Tamirabharani river basin in Tamil Nadu state	Meena S, Sridhar N, Chinju Saju and Athira P	Journal of Global Resources	2022	2455-2445

### Book Chapter publication details

S. No.	Name of the Teacher	Name of the book	Title of the Book Chapter	Year of publications	ISBN/ISSN Number	Name of the publisher
1	Seerangurayar T	Innovative Smart Materials used in Wireless Communication Technology	5G and 6G Wireless Communication	2023	ISBN13: 9781668470008  DOI: 10.4018/978-1-6684-7000-8.ch015	IGI Global

## Conference Abstracts details

Sl. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Year of publication
1	Chinju Saju , Meena S , Athira P , Anagha Aji Alfina A	GIS Based Parametric Soil Quality Analsis for Pollution Vulnerable Tracts In and Around Coimbatore District	International Virtual Conference on Advances in Chemical, Biochemical and Microbial Technology for Sustainable development	2022
2	Chinju Saju	Development of a self- watering system with gravitational- capillary moisture diffusion	3rd International Conference on Environmental, Agricultural and Biological Science	2020
3	Dinesh Kumar	Experimental Analysis for the Removal of Total Dissolved Solids Using Bio Flocculants In Distillery Effluent	International Conference on Water, Energy & Environment	2021
4	Chinju Saju	Parametric water quality indexing of bio-mechanically filtered textile effluent for Irrigation and manuring”	International Conference (online) on Challenges and Opportunities in Water and Wastewater Management & World Water Day Celebration	2021
5	Seerangurayar. T	Experimental investigation and modeling of dates drying under forced convection solar dryers and open sun	International Conference on Thermal Analysis and Energy Systems (ICTAES- 2021)	2021
6	Seerangurayar. T	Drying Kinetics of Teasel Gourd using Tray Dryer	International Conference on Thermal Analysis and Energy Systems (ICTAES- 2021)	2021
7.	Seerangurayar. T	Comparative Studies on Drying Kinetics of Small Cardamom ( <i>Elettaria cardamomum maton</i> ) using Solar and Heat Pump Dryer	International Conference on Thermal Analysis and Energy Systems (ICTAES- 2021)	2021