

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to website of the Journal	Link to article/paper/abstract of the article	Year
Assessment of land use/land cover change in hadaf watershed using different transformation methods employing remote sensing, GIS and HEC-HMS modelling technique	Pampaniya N. K., Tiwari, M. K.	SWCE Department	Journal of Soil and Water Conservation	2018	0022-457X	https://doi.org/10.5958/2455-7145.2018.00034.6	https://doi.org/10.5958/2455-7145.2018.00034.6	2017-18
Bio-fuels Algae: An alternative Renewable Energy Source (A Review Paper).	Jethva K.R., Vyas D. K., Sutar, R.F., Kumar N. and Sayyad F.G.	Department of Renewable Energy	International Journal of Agricultural Science and Research	2018	E-ISSN: 2321-0087	http://www.tjprc.org/publishpapers/2-50-1521021617-15.IJASRAPR201815.pdf	http://www.tjprc.org/publishpapers/2-50-1521021617-15.IJASRAPR201815.pdf	2018-19
Development and performance evaluation of mini tractor drawn two row automatic potato planter cum fertilizer applicator	Dabhi K.L., Salunkhe R.C. Swarnkar R.	FMPE Department	Multilogic in Science	2019	ISSN 2277-7601	https://www.ycjournal.net/Multilogicinscience	https://www.researchgate.net/publication/325316328_Development_of_a_mini_tractor_drawn_semiautomatic_two_row_planter_cum_fertilizer_applicator	2018-19
Low cost planting unit for conventional plough	Dabhi K.L., Salunkhe R.C. and Godhani R.S.	FMPE Department	International Journal of Microbiology and Applied Sciences	2018	ISSN:2319-7692(Print), ISSN:2319-7706(Online)	https://www.ijcmas.com	https://www.ijcmas.com/abstractview.php?ID=7787&vol=7-5-2018&SNo=86/	2018-19
Optimization of operational parameters of picking type Pneumatic Planter using Response Surface Methodology.	Bhimani J.B., Patel S.K., Yaduvanshi B.K. and Gupta P.	FMPE Department	Journal of Agri Search	2019	(ISSN: 2348-8808) & Online (ISSN: 2348-8867)	https://jsure.org.in	https://jsure.org.in/journal/index.php/jas/article/view/438	2018-19
Process kinetics on physico-chemical and peroxidase activity for different blanching methods of sweet corn	Kachhadiya, S, Kumar, N. and Seth, N.	PFE Department	Journal of Food Science and Technology	2018	0975-8402	https://link.springer.com/journal/13197	https://link.springer.com/article/10.1007/s13197-018-3416-3	2018-19
Effect of packaging material on colour kinetics and biochemical parameters of custard apple powder during storage	Khodifad, B.C., Kumar, N., Bhatt, H.G., Vyas, D.M.	PFE Department	Journal of Packaging Technology and Research	2018	2520-1034	https://link.springer.com/journal/41783	https://link.springer.com/article/10.1007/s41783-018-0040-7	2018-19
). Rainfall-runoff simulation modelling using artificial neural networks in semi-arid middle Gujarat region	Koradia, A.K., Bhalala, A. D., Tiwari, M.K	SWCE Department	Indian Journal of Soil Conservation	2019	0970-3349	NA	NA	2018-19

Coupling the maximum overlap discrete wavelet transform and long short-term memory networks for irrigation flow forecasting	Mouatadid, S., Adamowski, J. F., Tiwari, M. K., Quilty, J. M	SWCE Department	Agricultural Water Management	2019	0378-3774	https://doi.org/10.1016/j.agwat.2019.03.045	https://doi.org/10.1016/j.agwat.2019.03.045	2018-19
Impact assessment of land use and cover changes on water resources using RS and GIS techniques in watershed area	Makwana J. J., Tiwari, M. K., Pampaniya, N. K	SWCE Department	Journal of soil and water conservation	2019	0022-457X	https://doi.org/10.5958/2455-7145.2019.00002.X	https://doi.org/10.5958/2455-7145.2019.00002.X	2018-19
). Modeling the land surface temperature using thermal remote sensing at Godhra, Gujarat	Parmar, S. H., Tiwari. M. K., Pargi, D., Pampaniya, N. K., Rajani, N. V.	SWCE Department	Journal of Agrometeorology	2019	0972-1665	https://doi.org/10.54386/jam.v21i1.216	https://doi.org/10.54386/jam.v21i1.216	2018-19
CURRICULUM EVALUATION: APPROACHES AND MODELS	Sharma, H.S. and Raval V.	BEAS Department	A Journal of Composition Theory	2019	0731-6755	https://jctjournal.com	https://jctjournal.com/volume-xii-issue-x-october-2019	2019-20
CIPP Model for Evaluation of English Language Curriculum	Sharma, H.S. and Raval V.	BEAS Department	INFOKARA RESEARCH	2019	1021-9056	https://infokara.com	https://drive.google.com/file/d/1-AhvnZal-ZV-uco8k3Q-D72KkkLMcV0_/view	2019-20
Reconfiguration of solar photovoltaic panels for water pumping applications.	Jogunuri, S., Mehra, V., & Vyas, D.K.	Department of Renewable Energy	International Conference on Smart Systems and Innovative Technology (ICSSIT)	2020	Electronic ISBN:978-1-7281-2119-2	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/abstract/document/8987887	2019-20
Development of a low cost multi crop planting unit for conventional plough.	Dabhi K. L., Kumpavat M. T., Swarnkar R.	FMPE Department	Multilogic in Science	2019	ISSN 2277-7601	https://www.ycjournal.net/Multilogicinscience	https://www.ijcmas.com/7-5-2018/K.L.%20Dabhi,%20et%20al.pdf	2019-20
Status and prospects of farm power in Godhra taluka of Panchmahal District, India	Kachot P. K., Baral S. S., Chavda S. K. and Gupta P.	FMPE Department	International Journal of Current Microbiology and Applied Sciences	2019	ISSN:2319-7692(Print), ISSN:2319-7706(Online)	https://www.ijcmas.com	https://www.ijcmas.com/abstractview.php?ID=12492&vol=8-4-2019&SNo=49	2019-20

A critical study on weed Control techniques	Shamkuwar S. V., Baral S. S., Budhe V. K, Gupta P. and Swarnkar R.	FMPE Department	International Journal of Advances in Agricultural Science and Technology	2019	ISSN 2348-1358 (Online)	https://ijaast.com	https://ijaast.com/admin/uploads/V6I1201.pdf	2019-20
Storage stability and characterization of biochemical, rehydration and colour characteristics of dehydrated sweet corn kernels	Kumar, N., Kachhadiya, S. and Nayi, P.	PFE Department	Journal of Stored Products Research	2020	1879-1212	https://www.sciencedirect.com/journal/journal-of-stored-products-research	https://www.sciencedirect.com/science/article/pii/S0022474X20301831	2019-20
Processing and mechanization of Indian traditional food products	Anadani, S.V., Akbari, S. H., Kumar, N., Ravani, A.	PFE Department	Journal of Pharmacognosy and Phytochemistry	2020	2277-7695	https://www.phytojournal.com/	https://www.phytojournal.com/archives/2020/vol9issue1/PartAM/9-1-495-353.pdf	2019-20
Foaming properties of custard apple pulp and mathematical modelling of foam mat drying	Khodifad, B.C., Kumar, N.	PFE Department	Journal of Food Science and Technology	2020	0975-8402	https://link.springer.com/journal/13197	https://link.springer.com/article/10.1007/s13197-019-04082-0	2019-20
Food Process Industries: Island of Automation in Agriculture sector	Agravat, V.M., Khodifad, B.C., Matholiya, C., Swarnkar, R., Kumar, N.	PFE Department	Acta Scientific Agriculture	2019	2581-365X	https://actascientific.com/ASAG.php	https://actascientific.com/ASAG/pdf/ASAG-03-0729.pdf	2019-20
Long-term trend analysis of rainfall using hybrid Discrete Wavelet Transform (DWT) based Mann-Kendall tests in central Gujarat region, India.	Rajani, N. V., Tiwari, M.K., Chinchorkar, S. S., Pampaniya, N.K., Parmar, S.	SWCE Department	Mausam	2020	0252-9416	https://doi.org/10.54302/mausam.v71i2.20	https://doi.org/10.54302/mausam.v71i2.20	2019-20
Effect of polyethylene bag on shelf life of sapota using modified atmosphere packaging (MAP) system.	D.B.Barad,J.J.Chavda and D.K.Antala	Department of Renewable Energy	International journal of Applied Agricultural and Horticultural Sciences	2020	E-ISSN: 2582-4198			2020-21
Artificial Intelligence Methods for Solar Forecasting for optimum Sizing of PV systems: A Review	S. Jogunuri, F.T. Josh	Department of Renewable Energy	Research Journal of Chemistry and Environment	2020	E-ISSN: 2278-4527	https://worldresearchersassociations.com/chemistryhome.aspx	https://worldresearchersassociations.com/RJCSpecial(I)2020/32.pdf	2020-21
Effect of whey protein on sun dried protein enriched kesar mango leather.	1. KR Jethva, RF Sutar, N Kumar and DK Vyas	Department of Renewable Energy	Journal of Pharmacognosy and Phytochemistry	2021	E-ISSN: 2278-4136		https://www.phytojournal.com/archives/2021/vol10issue2/PartK/10-2-140-998.pdf	2020-21

Development performance evaluation and comparative study of a low cost electric motor operated maize sheller	Dabhi K.L., Salunkhe R.C., Swarnkar R. and Godhani R.S.	FMPE Department	Multilogic in Science	2020	ISSN 2277 – 7601	https://www.ycjournal.net/Multilogicinscience	https://www.ycjournal.net/Multilogicinscience/ResearchPapers.aspx	2020-21
Optimization of the design and operational parameters of planter for vegetable pigeon pea (<i>Cajanus cajan</i> L. Millsp.) seed.	Patel S.K., Bhimani J. B., Yaduvanshi B.K. and Gupta P.	FMPE Department	Inmateh- Agricultural Engineering	2021	(ISSN 206 8 – 4215) and on- line (ISSN 206 8 – 2239)	https://inmateh.eu	https://inmateh.eu/volumes/volume-63--no1--2021/63-33-optimization-of-the-design-and-operational-parameters-of-planter-for-vegetable-pigeon-pea/	2020-21
Effect of Temperature and Processing Time on Physico-Chemical Characteristics in Hot Water Blanching of Sweet Corn Kernels	Popalia, C., Kumar, N.	PFE Department	Journal of The Institution of Engineers (India): Series A	2021	2250-2157	https://link.springer.com/journal/40030	https://link.springer.com/article/10.1007/s40030-021-00508-1	2020-21
Mathematical modelling of hot air drying of water chestnut kernels	Sayyad F.G., Akbari S.H., Vyas D.K., Kumar N., Sutar R.F.	PFE Department	Journal of Pharmacognosy and Phytochemistry	2021	2277-7695	https://www.phytojournal.com/	https://www.phytojournal.com/archives/2021/vol10issue3/PartD/10-2-381-413.pdf	2020-21
Development of ready to reconstitute dehydrated traditional sweet corn halwa	Nayi, P., Kumar, N.	PFE Department	Journal of Food Science and Technology	2021	0975-8402	https://link.springer.com/journal/13197	https://link.springer.com/article/10.1007/s13197-020-04930-4	2020-21
Effect of whey protein on sun dried protein enriched kesar mango leather	Jethva, K.R., Sutar, R.F., Kumar, N., Vyas, D.K.	PFE Department	Journal of Pharmacognosy and Phytochemistry	2021	2277-7695	https://www.phytojournal.com/	https://www.phytojournal.com/archives/2021/vol10issue2/PartK/10-2-140-998.pdf	2020-21
Identifying crop water stress using deep learning models.	Chandel, N.S., Chakraborty, S.K., Rajwade, Y,A., Dubey, K., Tiwari, M.K., & Jat, D.	SWCE Department	Neural Computing and Applications	2021	0941-0643	https://doi.org/10.1007/s00521-020-05325-4	https://doi.org/10.1007/s00521-020-05325-4	2020-21

Soil Moisture Estimation using Sentinel-1 SAR data and Land Surface Temperature in Panchmahal district, Gujarat State	Sutariya, S., Hirapara, A., Meherbanali, M., Tiwari, M.K., Singh, V., Kalubarme, M.	SWCE Department	International Journal of Environment and Geoinformatics	2021	2581-8627	https://doi.org/10.30897/ijegeo.777434	https://doi.org/10.30897/ijegeo.777434	2020-21
Estimation of Weibull parameters by different methods for assessment of wind energy potential	M. Mangroliya, R. Bhoomi, S. Jogunuri and D. K. Vyas	Department of Renewable Energy	International Conference on Intelligent Controller and Computing for Smart Power (ICICCSP), Hyderabad, India	2022	Electronic ISBN:978-1-6654-7258-6	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/abstract/document/9862454	2021-22
Deep Neural Network based Forecasting of Short-Term Solar Photovoltaic Power output	S. Jogunuri and F. T. Josh	Department of Renewable Energy	International Conference on Intelligent Technologies (CONIT), Hubli, India,	2022	Electronic ISBN:978-1-6654-8407-7	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/abstract/document/9847769	2021-22
Economics of solar pump irrigation system in Dahod district, Gujarat-a pilot study.	Dudhat, B.L., and Vyas, D.K.	Department of Renewable Energy	International Journal of Agriculture Sciences	2021	E-ISSN: 0975-9107	https://bioinfopublication.org/pages/jouarchive.php?id=BPJ0000217	https://bioinfopublication.org/include/download.php?id=BIA0005765	2021-22
Performance of biomass combustor based drying system for ginger drying	Vyas, D. K., Seth, N., & Chavda, J. J.	Department of Renewable Energy	Agricultural Engineering Today	2021	E-ISSN: 2230-7265	https://www.indianjournals.com/ijor.aspx?target=ijor:aet&type=home	https://www.indianjournals.com/ijor.aspx?target=ijor:aet&volume=45&issue=1&article=003	2021-22
Performance evaluation of throat type updraft biomass gasifier using different biomass fuels.	Vyas, D. K., Sravankumar, J., & Chavda, J. J.	Department of Renewable Energy	Agricultural Engineering Today	2021	E-ISSN: 2230-7265	https://www.indianjournals.com/ijor.aspx?target=ijor:aet&type=home	https://www.indianjournals.com/ijor.aspx?target=ijor:aet&volume=45&issue=3&article=002	2021-22
Biomass combustor based drying of beetroot.	Chavda, J. J. and Vyas, D. K.	Department of Renewable Energy	Agricultural Engineering Today	2022	E-ISSN:2230-7265	https://www.indianjournals.com/ijor.aspx?target=ijor:aet&type=home	https://www.indianjournals.com/ijor.aspx?target=ijor:aet&volume=46&issue=1&article=002	2021-22
Models for crop parameters due to normal load of tractor and number of passes.	Patel, S. K., Mani, I., Gupta, P., Srivastava, A. P. and Sundaram, P. K.	FMPE Department	Agricultural Engineering International: CIGR Journal	2021	1682-1130	https://cigrjournal.org/index.php/Ejournal	https://cigrjournal.org/index.php/Ejournal/article/view/7105/3729	2021-22

Automatic guidance systems in agricultural autonomous robotic machine: A review.	Matholiya, C.S., Gupta, P., Agravat, V.V., Patel U.V. and Balas, P.R.	FMPE Department	The Pharma Innovation Journal SP-11(3)	2022	Online ISSN: 2277-7695, Print ISSN: 2349-8242	https://www.thepharmajournal.com/	https://www.thepharmajournal.com/special-issue?year=2022&vol=11&issue=3S&ArticleId=11249	2021-22
Utilization of fruit seed-based bioactive compounds for formulating the nutraceuticals and functional food: A Review	Allaqaband, S., Dar, A. H., Patel, U., Kumar, N., Nayik, G. A., Khan, S. A., Shaikh, A. M., Kovács, B., Ansari, M. J., Alabdallah, N. M., Kumar, P. & Pandey, V. K.	PFE Department	Frontiers in Nutrition	2022	2296-861X	https://www.frontiersin.org/journals/nutrition	https://www.frontiersin.org/articles/10.3389/fnut.2022.902554/full	2021-22
Mathematical modelling and characterization of drying of pre-treated sweet corn (Zea mays L.) kernels	Kumar, N., Sagar, K. & Seth, N.	PFE Department	Journal of Food Science and Technology	2022	0975-8402	https://link.springer.com/journal/13197	https://link.springer.com/article/10.1007/s13197-022-05438-9	2021-22
Physicochemical characteristics of sweet corn kernels during microwave blanching	Popalia, C., Kumar, N.	PFE Department	Journal of Food Processing and Preservation	2022	1745-4549	https://ifst.onlinelibrary.wiley.com/journal/17454549	https://ifst.onlinelibrary.wiley.com/doi/10.1111/jfpp.16413	2021-22
Formulations and quality characterization of low salt flat bread: Effects on functionality, rheological and sensory properties	Fayaz U., Dar, A. H., Kumar, N., Junaid P. M., Shams R., Khan S.A.	PFE Department	Applied Food Research	2021	2772-5022	https://www.sciencedirect.com/journal/applied-food-research	https://www.sciencedirect.com/science/article/pii/S2772502221000056	2021-22
An Evaluation of the Performance of Five Meteorological Drought Monitoring Indices Over an Arid and Semi-Arid Region of Gujarat (India).	Srinivas, B., Tiwari, M. K. Patel, G. R.	Soil and Water Conservation Engineering	International Journal of Environment and Climate Change	2022	2581-8627	https://doi.org/10.9734/ijecc/2022/v12i1030865	https://doi.org/10.9734/ijecc/2022/v12i1030865	2021-22

Deep learning approaches and interventions for futuristic engineering in agriculture	Chakraborty, S. K., Chandel, N.S., Jat, D., Tiwari, M.K., Rajwade, Y.A., Subeesh, A	SWCE Department	Neural Computing and Applications	2022	0941-0643	https://doi.org/10.1007/s00521-022-07744-x	https://doi.org/10.1007/s00521-022-07744-x	2021-22
Water Stress Identification of Winter Wheat Crop with State-of-the-Art AI Techniques and High-Resolution Thermal-RGB Imagery	Chandel, N.S.; Rajwade, Y.A.; Dubey, K.; Chandel, A.K.; Subeesh, A.; Tiwari, M.K	SWCE Department	Plants	2022	2223-7747	https://doi.org/10.3390/plants11233344	https://doi.org/10.3390/plants11233344	2021-22
Hydro-morphological characteristics in relation to soil conservation planning of Hathamati watershed	Hirapara, P., Gaur, M.L., Patel, G.K., Tiwari, M.K., Trivedi, M.M.	SWCE Department	Journal of Soil and Water Conservation	2022	0022-457X	https://doi.org/10.5958/2455-7145.2022.00030.3	https://doi.org/10.5958/2455-7145.2022.00030.3	2021-22
An Evaluation of the Performance of Five Meteorological Drought Monitoring Indices Over an Arid and Semi-Arid Region of Gujarat (India).	Srinivas, B., Tiwari, M. K., Patel, G. R.	SWCE Department	International Journal of Environment and Climate Change	2022	2581-8627	https://doi.org/10.9734/ijecc/2022/v12i1030865	https://doi.org/10.9734/ijecc/2022/v12i1030865	2021-22
Performance evaluation of the battery operated drum seeder	Vishwash, Dabhi, K.L., Gupta, P., Salunkhe, R.C., Panwar, G. and Shukla K.	FMPE Department	The Pharma Innovation Journal, SP-11(9)	2022	Online ISSN: 2277-7695, Print ISSN: 2349-8242	https://www.thepharmajournal.com/	https://www.thepharmajournal.com/archives/2022/vol11issue9S/PartAL/S-11-9-339-796.pdf	2022-23
Effect of soil mass, draft, fuel consumption and wheel slip on mini tractor operated wavy disc type pto powered tillage implement.	Shukla, K. and Gupta, P.	FMPE Department	Journal of Agriculture Research and Technology Special Issue (1)	2023	ISSN 16807073	https://www.jart.co.in	https://www.jart.co.in/uploads/168/14863_pdf.pdf	2022-23

Effect of drying method on organoleptic quality of banana powder	K.R.Jethva and N.M.Chauhan	PFE Department	International Journal of Innovative Research in Science, Engineering and Technology	2022	2347-6710	http://www.ijirset.com	http://www.ijirset.com/upload/2022/august/116_Effect_NC.pdf	2022-23
Development of ready-to-reconstitute carrot pomace blended sweet corn porridge	Nayi, P., Kumar, N., Chen, H. H.	PFE Department	eFood	2023	2666-3066	https://onlinelibrary.wiley.com/journal/26663066	https://onlinelibrary.wiley.com/doi/10.1002/efd2.78	2022-23
Rehydration modeling and characterization of dehydrated sweet corn	Nayi, P., Kumar, N. Kachchadiya, S., Chen, H. H., Singh, P., Shrestha, P., Pandiselvam, R	PFE Department	Food Science & Nutrition	2023	2048-7177	https://onlinelibrary.wiley.com/journal/20487177	https://onlinelibrary.wiley.com/doi/full/10.1002/fsn3.3303	2022-23
Refractance window drying of walnut kernel (<i>Juglans regia</i> L.)	Taj, F., Khan, S. A., Dar, A. H., Manzorr, N., Kumar, N., Dwivedi, M., Singh, A., Kumar, M.	PFE Department	Discover Food	2023	2731-4286	https://link.springer.com/journal/44187	https://link.springer.com/article/10.1007/s44187-023-00040-0	2022-23
Mathematical modelling and standardization of technology for the production of bael fruit powder	Anadani, S. V., Akbari, S. H., Kumar, N., Ravani, A. Gondaliya, J.	PFE Department	Current Science	2023	0011-3891	https://www.currentscience.ac.in/	https://www.currentscience.ac.in/show.author.php?id=51684	2022-23
Physicochemical, color, and sensory characteristics of edible oil-coated blanched sweet corn kernels	Popalia, C., Kumar, N.	PFE Department	eFood	2022	2666-3066	https://onlinelibrary.wiley.com/journal/26663066	https://onlinelibrary.wiley.com/doi/full/10.1002/efd2.50	2022-23
Ready to Reconstitute and Instant Mix of Indian Traditional Food Products	Patel, U., Kumar, N., Matholiya, C. S.	PFE Department	Biological Forum – An International Journal	2022	2249-3239	https://www.researchtrend.net/bfij/bfij.php	https://www.researchtrend.net/bfij/pdf/3%20Ready%20to%20Reconstitute%20and%20Instant%20Mix%20of%20Indian%20Traditional%20Food%20Products%20Ulpa%20Patel.pdf	2022-23
Development of protein-enriched gram flour steamed cake and characterization of processing parameters	Patel, U., Kumar, N., Modi, S. K.	PFE Department	Journal of Food Processing and Preservation	2022	1745-4549	https://ifst.onlinelibrary.wiley.com/journal/17454549	https://ifst.onlinelibrary.wiley.com/doi/abs/10.1111/jfpp.17196	2022-23

Semi-Empirical Mathematical Modeling, Energy and Exergy Analysis, and Textural Characteristics of Convectively Dried Plantain Banana Slices	Kamble, M. G., Singh, A, Kumar, N., Dhenge, R. V., Rinaldi, M., Chinchkar, A. V.	PFE Department	Foods	2022	2304-8158	https://www.mdpi.com/journal/foods	https://www.mdpi.com/2304-8158/11/18/2825	2022-23
Estimation of Surface and Subsurface Soil Moisture Using Microwave Remote Sensing: A Typical Analysis	Balas, D. B., Tiwari, M. K., Patel, G. R	SWCE Department	International Journal of Environment and Climate Change	2023	2581-8627	https://doi.org/10.9734/ijecc/2023/v13i102836	https://doi.org/10.9734/ijecc/2023/v13i102836	2022-23
Impact of Land Surface Temperature (LST) and Ground Air Temperature (Tair) on Land Use and Land Cover (LULC): An Investigative Study.	Balas, D. B., Tiwari, M. K., Trivedi, M., Patel, G. R.	SWCE Department	International Journal of Environment and Climate Change	2023	2581-8627	https://doi.org/10.9734/ijecc/2023/v13i102980	https://doi.org/10.9734/ijecc/2023/v13i102980	2022-23
Multi-step Ahead Urban Water Demand Forecasting Using Deep Learning Models.	Sahoo, B.B., Panigrahi, B., Nanda, T. et al.	SWCE Department	SN Computer Science	2023	2662-995X	https://doi.org/10.1007/s42979-023-02246-6	https://doi.org/10.1007/s42979-023-02246-6	2022-23
Application of hybrid ANN techniques for drought forecasting in the semi-arid region of India	Wable, P.S., Jha, M.K., Adamala, S., Tiwari, M. K., Biswal, S	SWCE Department	Environmental Monitoring and Assessment	2023	1420-2026	https://doi.org/10.1007/s10661-023-11631-w	https://doi.org/10.1007/s10661-023-11631-w	2022-23
Climate change impacts on water flux dynamics in Shingoda basin having agriculture and forest ecosystems: A comprehensive analysis	Rank, P.H., Vaghasiya, D.R., Lunagaria, M.M., Patel, R.J., Tiwari, M.K., Rank, H.D.	SWCE Department	Journal of Agrometeorology	2023	0972-1665	https://doi.org/10.54386/jam.v25i3.2284	https://doi.org/10.54386/jam.v25i3.2284	2022-23
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