

## Publication Details

### List of Proceeding Publications 2019 -2020

S.No	Name of the Authors	Title of papers published	Journal Details/ Proceeding	ISSN No
1	Dr.A.Lovelin Jerald	Study of Advanced Fish Descaling Cum Cleaning Machine using IoT	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 ( pp 1-3)	978-81-945147-4-9
2	P.Hema Prabha & C.S.Swarnalakshmi	Processing and Value Addition of Jaggery –An Overview	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP 4-6)	978-81-945147-4-9
3	P. HemaPrabha	Study on Comparison Between Nutritive Value of Cow Milk and Composite Milk	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP 56-58)	978-81-945147-4-9
4	A.Reni	Vending machines in Daily Life	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP 73-75)	978-81-945147-4-9
5	R Sharmeela	A Review on Smart Storage Bin With the Real Time Monitor and Control For Grains	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP 43- 44)	978-81-945147-4-9
6	R Sharmeela	Overview on Biodegradable Films from various starch, Incorporated with Jackfruit ( <i>ArtocarpusheterophyllusL.</i> ) Seed Powder	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP 55-59)	978-81-945147-4-9
7	A.Caroline	A Review of Automatic Fish Scaler and Cutter with Utilisation of Wastages	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP36-42)	978-81-945147-4-9
8	A.Caroline	A Review on Real Time Quality Detection of Vegetables Using Sensors	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP45-48)	978-81-945147-4-9
9	B.Janani	Quality Assessment of PoultryMeat by Non-Destructive Method Using Sensors	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP52-54)	978-81-945147-4-9

10	B. Janani	A review on antimicrobial film using chitosan extracted from shrimps shell and starch from sweet potato	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP66-67 )	978-81-945147-4-9
11	N.Surya Prabha	Study on the Raw Materials to Formulate Edible and Bio-Degradable Straw	Proceeding of National Conference on “Role of IoT in Food Processing and Agricultural Sector” FPAS’2020 (PP68-72)	978-81-945147-4-9

### List of Journal Publications-2019 -2020

S.No	Name of the Authors	Title of papers published	Journal Details/Proceeding	ISSN No
1	Dr.A.Lovelin Jerald & B. Janani	Improved Machine Vision System For Sorting And Grading Microcontroller And High Quality Image Sensors	International Journal of Analytical and experimental modal analysis pp 1536-1541, Vol XI, issue VIII, August 2019	0886-9367
2	Dr.A.Lovelin Jerald	Design and development of quality detector for guava fruit	Journal of applied science and computations pp 123-127, Vol VI, issue IV, April 2019	1076-5131
3	R.Sharmeela	Development of real time model for quality assurance in Fruits and vegetable	Iconic research and engineering Journals pp 163-167, Vol III, issue I, July 2019	2456 – 8880
4	A. Caroline	Efficiency Rate Analysis Af Tubers Using Zero Waste - Review	American international journal of research in science , technology pp. 408-411.	2342-3491
5	C.S.Swarnalakshmi	Formulation and sterilization of a traditional beverage from the fruit of borassus flabellifer	International Journal of research in applied science and engineering technology pp 1220- 1227, Vol 7, issue VI, June 2019	2321-9653
6	C.S.Swarnalakshmi	Optimization and Standardization of lemon grass incorporated into pseudo stem and mint extract based isotonic drink	International Journal of Advance Research, Ideas and Innovations in Technology pp 1089- 1093, Vol 5, issue V, impact factor:4.295	2454-132X
7	N. Surya Prabha	Application Of RSM Optimizing The Phenolic Content And Anthocyanin Extraction Of Purple Sweet Potato Flour	International Journal of engineering and advanced technology pp146- 148, Vol 8, issue V, June 2019	2249- 8958

8	R.Lakshmirathi	Food waste management survey on current trends around erode, Tamilnadu	International Research Journal of Multidisciplinary Technovations pp 387- 393, vol 6, Issue 1, 2019	2582-1040
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1	Dr.A.Lovelin Jerald & C.S.Swarnalakshmi	Development & Optimization of Spiced Coconut Milk using RSM	International Journal of Current Research, Vol.10, issue 03, March 2018.	0975-833X
2	Dr.A.Lovelin Jerald	Study on extraction of alternate energy from marine biomass	Asian Journal of Multidimensional Research (AJMR), pp. 326- 331, Vol 7,issue V, Dec 2018 impact factor :5.443	2278-4853
3	Dr.A.Lovelin Jerald & C.S.Swarnalakshmi	Formulation and Shelf life analysis of Non-lactogenic milk, An Alternative to Dairy Based Drinks	Asian Journal of Multidimensional Research (AJMR), pp 141- 169, Vol 7, issue V, Dec 2018	2278-4853
4	P.HemaPrabha & R.Sinthiya	Plant based composite milk yogurt - role in promotion of gastro enteric health	Asian Journal of Multidimensional Research, pp 202-206, Vol 7,Spl Issue -5, Dec 2018	ISSN: 2278-4853
5	P.HemaPrabha	Multifunctional Dy(III) doped di-calcium silicate array for boosting display and forensic applications	International Journal of rare earths, July 2018 ELSEVIER	ISSN No: 0025-408
6	P.HemaPrabha	Process optimization for barrier properties of biodegradable packaging film	International Journal of Biological Macromolecules, pp. 361-370, ELSEVIER Aug,2018	ISSN: 0141-8130
7	A.Reni	Development of Little Millet ( <i>PanicumsumtranseL.</i> ) Based MilkBeverage Using Rheological Properties and Sensory Evaluation	Indian Journal of Natural Sciences ,pp 14505- 14510, Vol.9 ,Issue 50 , October 2018	ISSN: 0976 – 0997
8	R.Sinthiya	Development of value added product from Finger Millet (Eleusinecoracana)	International Journal of Research– Granthaalayah, pp 109-119, Vol 6 , 1issue: 2, Feb 2018	ISSN- 2350-0530(O), ISSN- 2394-3629(P) DOI:10.5281/Zeno do.1186584
9	R.Sinthiya	Devalopment and Standardization of Value Added Product from Millets	International Journal of Scientific Research and Review, pp 268- 278, Vol 7, issue: 2, 2018	SSN NO: 2279-543X <u>DOI:16.10089.IJS RR.2018.V7I02.28 7391.2211</u>

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S.No	Name of the Authors	Title of papers published	Journal Details	ISSN
1	P.HemaPrabha & S.Ramani	Efficient doped di-calcium silicate array as an excitation - independent photoluminescent sensor for highly sensitive and selective visualization of type 1- 3 overlapped eccrine latent fingerprints	ELSEVIER Material Research Bulletin	0025-5408
2	P.HemaPrabha	Areca nut Mediated Facile Green Synthesis of Highly Stable CuO Nanoparticles and their Characterization Studies	Indian Journal of Natural Sciences pp12564-12574, Vol.8, issue:43, Aug 2017	0976 – 0997
3	A.Reni	Effect of parboiling on biochemical and functional properties of little millet ( <i>Panicum sumatrense</i> L.)	International Journal of Pharma Bio Sciences pp -15-20, Vol ,8, issue :4, oct 2017	0975-629
4	S.Ramani	Rapid visualization of fingerprints on various surfaces using ZnO superstructures prepared via simple combustion route	Springer-Applied Nanoscience	2190-5517