

RECOGNIZED RESEARCH SUPERVISORS - ANNA UNIVERSITY

| S.No | Ref No | Supervisor Name | Research Area | E-mail |
|------|--------|-------------------|--|---------------------------|
| 1 | | Dr. Chandran Masi | Bio Process Engineering, Microbial Biotechnology, Enzyme Technology And Biochemistry | Biochandran1976@gmail.com |

LIST OF PATENT APPLIED / PUBLISHED

| Sl. No. | Inventor Name | Year of Filing | Title | Reference Number | IP Status | Applied For |
|---------|-------------------|----------------|--|------------------|-----------|------------------|
| 1 | Dr. Chandran Masi | 2023 | Innovative Water Treatment System For Efficient Storm Water Management And Quality Improvement | 202441002081A | Published | INDIAN PATENT |

PAPERS PUBLISHED

| Sl. no. | Authors Name | Title | Name of the Journal | Volume / Issue / pp | Year |
|---------|--|---|---|---------------------|------|
| 1. | Dinakarkumar, Yuvaraj, Chandran Masi, Jothi Ramalingam Rajabathar, Gnanasekaran Ramakrishnan, Reema Ninawe, Hamad Al-Lohedan, and Hema Madhuri Veera | Phytoconstituents of a traditional herb, Verbascum sinaiticum Benth mediated zinc-ferric bimetallic nanoparticle synthesis and bioactive properties for sustainable application | Journal of Molecular Structure | 1310: 138307 | 2024 |
| 2. | Vigneshwar Saravanakumar, Chandran Masi, Ibsa Neme, Kowsalya Arjun, Yuvaraj Dinakarkumar | Geographical comparison of phytoconstituents in Euphorbia hirta: a pilot study in Ethiopia and India | Bulletin of Pioneering Researches of Medical and Clinical Science | 2,34-41 | 2022 |
| 3. | Kalanidhi K., Chandran Masi, Jennita Jacqueline P. | Enhancement of Soursop Juice Nutritional Value via Biotin Fortification and Preservatives Analysis | Recent Research Reviews Journal | 2583-7079 | 2026 |
| 4. | Kalanidhi K., Chandran Masi, Siva N., Gayathri B., Oviyasree J. K., Vanitha V. | Evaluating the Potential and Synergetic Effect of Palmyra, Banana and Coconut Fibers for Handmade Paper Production- A | International Journal of Innovative Science and Research Technology | 2456-2165 | 2026 |

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|----|--|---|---|-----------|------|
| | | Sustainable Alternative to Hardwood Pulp | | | |
| 5. | Dr. Chandran Masi, Dr. Kalanidhi, Guru Madhana Gopal K, Vinoth Kumar M, Mithun | Development and Optimization of a Fermentation system for Multi-Fruit Wine Production using Grapes, Papaya and Strawberry | International Journal of Innovative Science and Research Technology | 2456-2165 | 2026 |

TNSCST Proposal Submission

| S.No | Principle Investigator | Title | Discipline | Year |
|-------------|--|---|-----------------------|-------------|
| 1. | Dr. Chandran Masi Co-PI : Dr. K. Kalanidhi, Dr. Jennita Jacqueline | Bioprospecting of Kitchen Waste Microbiome for Potent Multi-enzyme Producing Bacteria and their application in the Production of Nutrient Enriched Bio-Organic Fertilizer | Agricultural Sciences | 2026 |
| 2. | Dr. K. Kalanidhi Co-PI : Dr. Chandran Masi | Design and Development of a Microwave-Assisted Carbon Dot-Embedded Chitosan Hydrogel for Controlled Micronutrient and Water Delivery in Sustainable Agriculture | Agricultural Sciences | 2026 |
| 3. | Dr. Jennita Jacqueline | Integrated Electro-fermentation-Assisted Co-Fermentation of Lignocellulose Fruit peel Waste and CO ₂ VIA Mixed Microbial Consortia for Production | Biological Science | |

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|--|------------------------------|--|--|--|
| | Co-PI : Dr. Chandran Masi | of Succinic Acid and Polyhydroxyalkanoates (PHAs) | | |
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