JOURNAL PUBLICATIONS

- A Research article titled, "**Smart Whitefly Management for Coconut Trees: IoT and Blynk-Enabled Monitoring and Control**" published in UGC Care list Journal Named, "Journal IAPQR Transactions" with ISSN 0970-0102 Vol. 50, Issue 01, No.06 for the Month of July 2025.

- A Research article titled, "**Smart Coconut Farming Using IoT And Blynk: A Real-Time Monitoring And Irrigation Solution**" published in UGC Care list Journal Named "Journal The Maharaja Sayajirao" University of Baroda with ISSN: 0025 - 0422 Vol No. 59 No. 4 for the month of July 2025.

- A Research article titled, **"IoT-Driven Arduino Nodemcu Irrigation Monitoring and Control System For Coconut Farming With Blynk"**, published in UGC Care list Journal Named "Journal of Nonlinear Analysis And Optimization" with ISSN: 1906-9685, Vol. 16, Issue. 1, No.3: 2025.

- A Research article titled, **"IoT-Based Weather Monitoring And Forecasting System For Smart Coconut Farming Using Blynk Application"**, published in UGC Care list Journal Named "Industrial Engineering Journal" with ISSN: 0970-2555, Volume: 54, Issue 8, No.2, August: 2025.

- A Research article titled, **"IoT-Based Coconut Tree Monitoring And Alert System For Precision Agriculture"**, published in UGC Care list Journal Named "Journal of Madhya Bharti" with ISSN: 0974-0066, Vol. 86, No. 2, July-December: 2025.

- A Research article titled, "IIoT**-Based Smart Irrigation System for Efficient Coconut Tree Farming Using AskSensor and Blynk Platforms**" in the Scopus Care List Journal Named "International Journal of Computer Applications (IJCA)".

CONFERENCE PROCEEDINGS

- Present paper on **"Intelligent Weather Forecasting for Solar Energy Optimization using Machine Learning Techniques"** in the International Conference on Emerging Trends in Computation & Artificial Intelligence (ICETCS – 2K25), Jointly organized by PG & Research

Department of Computer Science, Providence College(Autonomous), Coonoor, The Nilgiris on 8'th October 2025.

- Present paper on **"Real-Time IoT Monitoring in Coconut Farms Using Blynk with Weather Insights"** in the National Conference on Latest Innovations in Science and Technology(LIST – 2k25), Jointly organized by PG & Research Department of Computer Science and Department of Data Science, Providence College(Autonomous), Coonoor, The Nilgiris on 23'rd August 2025.

- Present paper on **"IoT-Enabled Affordable Smart Kit for Efficient Coconut Farm Management Using Blynk"** in an International Conference on Recent Trends and Innovations in Multidisciplinary Research [Rtimr-2o25], PG & Research Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur on 21'st August 2025. (ISBN Number: 978-93-7013-154-5).

- Present paper on "**IIoT-Based Smart Irrigation System for Efficient Coconut Tree Farming Using AskSensor and Blynk Platforms**" in a one day International Conference on DRISHTI 2025 – An Era in Management & Technology organized by Vivekananda College of Engineering and Technology, Puttur 9th August, 2025.

- Presented a paper on "**Harnessing Industry 5.0 in Smart Agriculture: IoT-based Coconut Farming with Blynk**" in a one day International Conference on Globalisation and SDGs: Opportunities and Challenges in Industry 5.0 organized by the School of Management, Sree Saraswathi Thyagaraja College, Pollachi on 12th April, 2025. (ISBN Number: 978-93-343-1829-6).

- Presented a paper on "**Smart Farming for Coconut Cultivation: A Hybrid Approach Using IoT, Blynk, and Machine Learning**" in a One day International Conference on Recent Trends in Computer Science, Technology, Data Science and Applications organized by the Department of Computer Science, Computer Applications, Information Technology, Data Science & Mathematics (ICRTCTDA-2025), Vidyasagar College of Arts and Science, Udumalpet on 07th February, 2025. (ISBN Number: 978-81-983678-7-7).

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- Presented a paper on "**Precision Agriculture for Coconut Farming: Harnessing Technology to Overcome Modern Challenges**" in a two days International Conference on Diversity in Computing Excellence organized by the Department of Computer Applications, Bharathiar University, Coimbatore on 30th and 31st January, 2025. (ISBN Number: 978-81-986413-4-2).

- Presented a paper on **"Emerging Technologies and Applications"** in a National Level Conference on **Emerging Trends in IT** at Navarasam Arts & Science College for Women,Erode.

- Presented a paper on **"Emerging Trends in high Performance Computing and Applications"** in a National Level Conference on **An Overview of Data Mining** at SreeSaraswathiThyagaraja College, Pollachi.

- Presented a paper on **"Advanced Computing Technologies"** in a National Conference at Vidyasagar College of Arts & Science, Udumalpet.

- Presented a paper on **"Mining Intelligence and Knowledge Exploration"** in a National Level Conference on **Efficient Visual Query based video and Historic Sequence extraction Using Naïve Bayesian Classifier** at K.S.R. College of Engineering, Tiruchengode.