

## Book Publications

1. Dr. S. Kavitha, "Internet of Things", ISBN No. : 978-93-6260-169-8  
Charulatha Publications, Chennai, 2024.
2. Dr. S. Kavitha "Foundation of Data Science ", ISBN No.: 978-93-6260-493-4 Charulatha Publications, Chennai, 2024.

## PUBLICATIONS

1. Dr. S. Kavitha, "Effective Data Mining with Smart City Scheduling using Recurrent Encoder Neural Network", Intelligent Systems and Applications in Engineering, ISSN: 2147-6799, Vol.:12, Issue 3, 2024.
2. Dr. S. Kavitha, "Enhanced Cryptographic Performance and Security using Optimized Edward-elgammal signature scheme for IoT and block chain applications",  
International Journal on Smart Sensing and Intelligent Systems(open access)", ISSN : 1855-0452 Vol. : 17 Issue:1, 2024
3. Dr. S. Kavitha, Enhancing "User Experience in Human-Computer Interaction Through Advanced Deep Learning Techniques for Personalized and Adaptive Interfaces", IEEE Xplore, **ISBN:** 979-8-3315-3994-8, 2024.
4. Dr. Gina George, " Understanding and Mitigating Burnout: A comprehensive Analysis", Journal of Indian School Political Economy, ISSN: 0971-0396, Volume:36, No. 3, 2024
5. Dr. Gina George, "A Study on ERP Data Security System and Challenges Faced While Protecting Employee Information", Rabindra Bharathi University Journal of Economics, ISSN: 0975-802X, Volume: XVIII, No: 20, 2025.

## Patent & Copyright Filed

1. Dr. S. Kavitha, Indian Design Patent Titled "IOT Based Smart Irrigation System", Application No. & Date: 13445 & 16-02-2023, Publication Date: 05-05-2023, Link : <https://search.ipindia.gov.in/DesignApplicationStatus/>.
2. Dr. S. Kavitha, UK Design Patent Titled " Solar Plant Health Monitoring System ", Design No. 6392288, Grant Date 27-09-2024,  
<https://www.registered-design.service.gov.uk/find/6392288>
3. M. Anita Madona, Indian Design Patent Titled "AI and Block chain Enabled Device for Network Safety" Design No. & Date: 08121-001 & 20/02/2024, publication Date: 02/05/2024.

4. M. Anita Madona, Indian Design Patent Titled “ Deep Learning Based Agricultural Machine for Seeding” Design No. & Date: 405316-001 & 21/01/2024, Publication Date : 14/08/2024.
5. Dr. S. Kavitha, Indian Utility Patent Titled “ QR Code-Based System for the Identification and Management On Campus”, Application No. 202541012469”, Filed Date -13/02/2025 & Publication Date 21/02/2025.
6. Dr. S. Kavitha, Copyright Titled “Student Late Attendance Monitoring using Barcode”, Application No.: 10972/2025-CO/L, Publication Date 01/07/2025.4
7. Ms.Dharani R. , Indian Utility Patent Titled “ QR Code-Based System for the Identification and Management On Campus”, Application No. 202541012469”, Filed Date -13/02/2025 & Publication Date 21/02/2025.