



Sri Devaraj Urs Educational Trust (R.)
R. L. JALAPPA INSTITUTE OF TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)
Kodigehalli, Doddaballapur- 561 203
Department of CSE (Artificial Intelligence and Machine Learning)
Staff Publication Details List



Academic Year: 2023-24

Sl. No.	Name of the Faculty	Paper Title	Published in International Journal / Conference	Journal / Conference Name
1	Dr. Manjunatha B N	Quantum squirrel search algorithm based support vector machine algorithm for brain tumor classification	International Journal	Internet technology Letters
2	Dr. Manjunatha B N	Enhancing secrecy using hybrid elliptic curve cryptography and Diffie Hellman key exchange approach and Young's double slit experiment optimizer based optimized cross layer in multihop wireless network	International Journal	Measurement: Sensors (Science Direct), Elsevier Ltd 2024
3	Dr. Manjunatha B N	Deep Learning for Sentiment Analysis: Exploring the Power of Deep Learning Techniques in Opinion Mining	International Conference	IEEE Xplore
4	Dr. Manjunatha B N	Hybrid Optimization Algorithm for Effective Clustering algorithm and Routing Protocol in MANET	International Conference	IEEE Xplore

Book Publication Details

1. Published a book in Scientific international publication House with ISBN 978-93-5757-727-4 entitled **“Fundamentals of Embedded System and IoT”**.
2. Published a book in LAMBERT Academic Publishing with ISBN 978-620-3-46384-2 entitled **“EDA-Education Data Analysis A New Approach using Cloud and Smart Phone Technology (CSPT)”**.

Patents

1. Published a patent entitled” An Investigation on the use of machine learning methods for predicting employee performance”, [https://search.ipindia.gov.in/IPOJournal/Journal/Patent Application No.202341064113 A](https://search.ipindia.gov.in/IPOJournal/Journal/Patent%20Application%20No.202341064113%20A) and Publication Date: 06/10/2023.
2. Published a patent entitled” Wireless Network System of Machine Vision based Buoys in Sea for Pirate Boat Identification”, [https://search.ipindia.gov.in/IPOJournal/Journal/Patent Application No.202331020814 A](https://search.ipindia.gov.in/IPOJournal/Journal/Patent%20Application%20No.202331020814%20A) and Publication Date: 06/04/2023.
3. Published an UK Design patent entitled “Computer Data storage and Transfer Device”, <https://www.registereddesign.service.gov.uk/find/> Grant date: 27th April 2023 and Design Number: 6274216.