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	<p>Profile*</p> <p>Prof. J. Mary Stella completed her Bachelor Degree in Computer Science and Engineering from Priyadarshini Engineering College, Tamil Nadu in 2000 with an aggregate of 72.8%. She completed her MTech. in Computer Science and Engineering, from Cambridge Institute of Technology, Bangalore in 2021 with an aggregate of 83.3%. Currently pursuing PhD in Computer Science and Engineering under VTU.</p> <p>She has an overall experience of 8 Years as an Assistant Professor and she is currently working as an Asst. Professor in the Department of Artificial Intelligence & Data Science, EPCET, Bengaluru. She has published 11 research papers in Scopus Indexed and UGC Journals and Conferences. She has also published a patent and has co-authored a book on Machine Learning Basics.</p>
	<p>Publications</p> <p>Journals</p> <ul style="list-style-type: none"> • J. Mary Stella, Real-Time Deepfake Detection and Emotion Analysis from Tweets, Images and Videos, IJERT Volume 14 Issue 06, June 2025. ISSN: 2278-0181. • J. Mary Stella, A Comparative analysis of Multilingual Bidirectional sign language to-speech interpreter using Deep Learning, IJCRT Volume 13, Issue 2, February 2025. ISSN: 2320-2882. • Mary Stella. J, IOT Enabled Smart Fire Suppression Drone for Enhanced Efficiency and Effectiveness, IJSRET Volume 10, Issue 3, May-June 2024. • Mary Stella, Early Detection of Fetal Brain Abnormalities using YOLO V5 model, HBRP publication, Volume 7, Issue 3. ISSN: 2583-9241 June 2024 • Mary Stella. J, An IOT based system for Health Monitoring using fog computing, Journal of Advance Research in Mobile Computing, HBRP Publication, Volume 5 Issue 1, March 2023. • Mary Stella. J, Face Detection and Recognition for Law Breakers using ML, Journal of Advances in Computational Intelligence and Theory, HBRP Publication, Volume 5 Issue 2, April 2023. • Mary Stella. J, Attendance and Performance Monitoring using ML, International Journal, IJRASET, Volume 10, Issue III, March 2022. • Mary Stella. J, Women Safety & Tracking Management system using

	<p>Geo-fencing, International Conference, Vidyavardhaka College of Engineering, February,16,2022.</p> <ul style="list-style-type: none"> • Mary Stella. J, Prediction and comparison using AdaBoost and ML algorithms with Autistic children dataset, International Journal, IJERT volume9, Issue 7, July 2020 • Mary Stella. J, Enhancement using AdaBoost Algorithm in ML to predict ASD in Children, International Journal, IJSRET, volume 6, Issue 2, March 2020. <p>Conferences</p> <ul style="list-style-type: none"> • Mary Stella. J, Elimination of Data Modification in Sensor Nodes of WSN Using Deep Learning Model, 2022 International Conference on Computer, Power and communications (ICCP), IEEE Publication. ISBN:979-8-3503-9785-7 <p>Books</p> <ul style="list-style-type: none"> • Machine Learning Basics: Building Intelligent Systems. ISBN: 978-620-8-42689-7 LAMBERT Academic Publishing. <p>Book Chapters</p> <ul style="list-style-type: none"> • Mary Stella. J, Women Safety & Tracking Management system using Geo-fence, Book Chapter, 1st Edition, 2023, Taylor & Francis group, ISBN: 9781003282990 <p>Patent</p> <ul style="list-style-type: none"> • Smart Tiffin Box. Granted and published on 24/01/2025. Application No. 438237-001
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