


FacultyProfileabriefWriteupwithMaximum150-200words

Faculty	Prof. Manimegalai A Assistant Professor –East Point College of Engineering & Technology Contact & Links Email: manimegalai.a@@eastpoint.ac.in
	Profile* Prof. Manimegalai A holds a MTech. degree from Sathyabama University and B.E. degree in Computer Science & Engineering from Golden Valley Institute of Technology. She is pursuing Ph.D. from Visveswaraya Technological University, Belagavi. She has worked at M V Jayaraman College of Engineering as Assistant Professor and currently rendering her service in East Point College of Engineering and Technology. A dedicated, passionate teacher having 19 years of experience in Academics. Her area of specialization is Image Classification & Retrieval, Machine Learning and Deep learning. She has published papers in Journals and also presented papers in conferences too. She has participated in Faculty development programs, workshops and webinars in varied institutions. She has done NPTEL courses and training programs organized by E & ICT Academy, IIT Guwahati & Kanpur. She has received certificate of appreciation for achieving flawless 100% result. She has also achieved Best Teacher award twice, from Department of ISE at M V Jayaraman College of Engineering.
	Publications Journals <ul style="list-style-type: none"> • Manimegalai A, Dr. Josephine Prem kumar, “Automating Image Retrieval using RPA by Extricating Colour Feature with String comparison in CBIR”, IJNIET , Volume14 Issue 2-July 2020, pp.14-20. • Manimegalai A, Dr. Josephine Prem kumar, “Prediction Model for Pneumonia using Convolutional Neural Network and RPA” , Lino journal, Volume11 Issue 1-Jan 2021 • Manimegalai A, “Detection of KOA & RA severity using Deep learning Techniques”, IJARESM, Volume11 Issue 5-May 2023 • Manimegalai A, Dr. Josephine Prem kumar, “Detection & Classification of Arthritis severity based on Kellgren-Lawrence grading using CNN models”, IJSRCSEIT Volume 9,issue 9-July August 2023 • Manimegalai A, Dr. Josephine Prem kumar, Kesavan M V,“Analysis & Parallel Data Processing for sentimental Analysis Technique using Spark & machine learning Algorithm” in IJSRCSEIT Volume 9,issue 9-July August 2023. Conferences <ul style="list-style-type: none"> • Manimegalai A, Dr. Josephine Prem kumar, “Detection & Classification of Arthritis severity based on Kellgren-Lawrence grading using CNN models”, IJSRCSEIT ,July-August 2023 • Manimegalai A, Dr. Josephine Prem kumar, “Prediction Model for Pneumonia using Convolutional Neural Network and RPA”, ICMTCI-4.0 ,September 2020 • Manimegalai A, Dr. Josephine Prem kumar, “An Approach for fast retrieval of Images by deploying CBIR on cloud”, EECCMC ,2018. • Manimegalai A,“An Overview of Bootstrapping Ontologies in various Domains” , National Conference on Recent trends in computer science and Engineering, 4th May 2013. • Manimegalai A, Dr. Josephine Prem kumar, “A Survey on Vehicular Traffic Control System, Comparative Study and Applications”, National Conference on Artificial Intelligence and Information Systems, 9th Nov 2012.

Achievements/Awards/Recognitions

- Attended 7 days AICTE joint teachers training program on “Introduction to Python programming & its applications from 19th to 23rd June 2023.
- Completed a course on “Artificial Intelligence with Machine Learning” in Java by Oracle Academy-2021
- Completed a course on “Database Foundations in Java” by Oracle Academy-2021
- Completed NPTEL online certification course on “Python for Data Science” with an Elite score-2021
- Completed Coursera on “Developing AI Applications on Azure”-2021
- Completed NPTEL online certification course on “Data Mining”-2020
- Received certificate of Appreciation for achieving 100% result in VTU examination for year 2018-19
- Received Best Teacher Award twice in Department of Information Science & Engineering , M V J college of Engineering. Bangalore-2007