

## **FACULTY PROFILE TEMPLATE FOR WEBSITE**

### **Basic Details:**

- **Name:** Mrs M.Divya
- **Designation:** Assistant Professor
- **Phone Number:**-9944589575
- **Email Id:** [divyam1@srmist.edu.in](mailto:divyam1@srmist.edu.in) , [divyamathavan3@gmail.com](mailto:divyamathavan3@gmail.com)
- **Area of Specialization:** Computer Vision ,Deep Learning
- **Affiliation:** Department of Computer Applications ,SRMIST

### **Educational Details:**

- **Degree** –( Ph.D) – Pursuing
- **Area or Subject** – Computer Science
- **University** – SRM University
- **Awarded Year** –
- **Degree** – ME
- **Area or Subject** – Computer Science Engineering
- **University** – St Peters University
- **Awarded Year** – 2014
- **Degree** – MCA
- **Area or Subject** – Computer Applications
- **University** – SRM University
- **Awarded Year** – 2011
- **Degree** – B.Sc
- **Area or Subject** – Computer Science
- **University** – Manonmaniam Sundaranar University
- **Awarded Year** – 2008

## **Other Details:**

### **Courses:**

- Completed **Python 101 for Data Science** course and certified by **IBM Developer Skills network**
- Completed **JAVA Tutorial** course and certified by **Solo-learn**
- Completed the course on “**Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System**” during 17-08-2020 to 20-11-2020 awarded by
- Completed the course on “**R Programming**” and certified by Coursera during Nov,2020
- Completed the course on “**Data Scientist’s Toolbox**” and certified by Coursera during Aug,2020

### **Research Interests:**

- Computer Vision
- Deep Learning

### **Selected Publications:**

- A Research Paper has published entitled **DETECTION OF MULTIPLE SCLEROSIS USING ADVANCED DEEP LEARNING STRATEGIES “** in Journal of the Balkan Tribological Association| Volume 29 | Issue 1 | Page 29–43|, July 2023
- A Research Paper has published entitled **DETECTING THE TYPES OF MULTIPLE SCLEROSIS USING MULTI LAYER PERCEPTRON WITH HAAR DWT “** in NeuroQuantology ,International journal | Volume 20 | Issue 18 | Page 205-217|, eISSN 1303-5150 November 2022
- A Research Paper has published entitled “**FEATURE EXTRACTION BASED REINFORCEMENT LEARNING MACHINE FOR STOCK PRICE PREDICTION “**in International journal of research and analytical reviews. Vol 9, Issue 3 , September 2022, P- ISSN 2349-5138,
- A Research Paper has published entitled “**IOT BASED LOCKER SECURITY USING FACE RECOGNITION “**in International journal of research and analytical reviews. Vol 9, Issue 3 , August 2022, P- ISSN 2349-5138
- Vidyabharati International Interdisciplinary Research Journal, November -2021, ISSN 2319-4979 “**MULTIPLE SCLEROSIS LESIONS LINGUISTIC SEGMENTATION USING DEEP LEARNING “**
- A Research Paper has published entitled “**A REVIEW STUDY ON SECURITY ISSUES, BENEFITS, RISKS AND VARIOUS CHALLENGES IN CLOUD COMPUTING PLATFORM AND PROPOSED MODEL FOR ENHANCING SECURITY FOR SENSITIVE DATA”** in Turkish Journal of Computer and Mathematics Education, Vol.12 No.9 (2021), 1997 – 2012, 2021 April
- A Research Paper has published entitled “**DEPLOYMENT OF P-CYCLE IN OPTICAL NETWORKS : A DATA MINING APPROACH “** in the International Journal of scientific research in science . Print ISSN : 2395-1990 Online ISSN : 2394-4099 Issue 5.,2016 September

### **Papers Presented:**

- Presented a paper “**APP BASED SECURITY AND COMMUNITY MANAGEMENT SYSTEM USING CLOUD “** in “**IECICN-2020**” Conference organized by Esawari Engineering College

- Presented a paper “**AUTHENTICATED VOTING METHOD USING FACE AND FINGERPRINT**” in the 2 Day international Conference on Data Science and Information Ecosystem held on 4.6.21 and 5.6.21. Organized by MADURAI KAMARAJ UNIVERSITY
- Presented a paper “**VOICE BASED EMAIL FOR VISUALLY CHALLENGED** “ in the International Multidisciplinary Conference organized by AKJ college of Arts and Science on 18.4.2022 .
- Presented a paper **A NATURAL USER INTERFACE FOR HUMAN COMPUTER INTERACTION USING GESTURE CONTROL** in National Conference on Intelligent Computing organized by Sri Krishna Arts and Science College on 15th February, 2023
- Presented a paper “**PROVIDING DATA RELIABILITY USING DYNAMIC BLOB KEY GENERATION ON CLOUD STORAGE**” in the International conference on Human Machine Interaction in the Digital ERA(ICHMIDE – 2023) Organized by SRMIST on Feb 24,2023

**Working Papers:**

“Detection of Multiple Sclerosis using Image Identification and Classification”

**Work in Progress:**

In the process of writing the research article titled “Detection of Multiple Sclerosis using Image Identification and Classification”

**Academic Experience: 8.2 years**

- SRMIST, Asst Professor, Dept: MCA,BCA and B.Sc(CS) June 2016 to Till Date
- Jaya college of Arts and Science, Asst Professor, Dept: BCA and B.Sc(CS) , June 2015 to June 2016

**Other Professional Experience: 1.8**

HDFC Bank, Junior Officer, Aug 2013 to April 2015

**Workshops /Seminars/Conferences:**

- Attended more than 50 FDPs on Machine Learning, Deep Learning, Data Science, IOT and AI concepts
- Attended more than 15 Workshops on Advanced Computer technologies

**Achievements and Awards:**

**Academic / Professional Membership:** CSI Membership No. : I1506217

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