



**Name** : Mrs. M. Dhivya

**Designation** : Assistant professor

**Department** : Computer Science UG

**Qualification** : M.Sc.,MBA.,MCA.,b.Ed.,M.Phil.,( Ph.D)-(CS).



**Experience** : Teaching -13 Years

**Research** : Nil

**Area of Specialization(s)** : DataMining

**Email(OfficialID)** : dhivyam@psgrkcw.ac.in

**Academic  
Qualifications**

<b>Degree</b>	<b>Branch</b>	<b>Institution/UniversityName</b>	<b>Year of Graduation</b>
Ph.D.	Computer Science	Bharathiar University	2024-2028(pursuing)
<u>b.Ed</u>	Computer Science	Tamil Nadu Teachers Education Institutions	2020
MCA	Computer Application	Bharathiar University	2013
MBA	Human Resource	Bharathiar University	2012
M. Sc.	Computer Science	PSG College of Arts and Science	2012
B.Sc.	Computer Science	PSG College of Arts and Science	2010

**SKILL SET**

- Data Analytics & Data Mining - Data Mining, Big Data Analytics, Business Analytics
- Programming Languages - Oracle, SQL, PHP, C, C++, Java, R-Programming, Python
- Tools & Technologies - Hadoop, Power BI, Tableau, QlikView, MongoDB

- Database & System Design - RDBMS, Data Structures, Object-Oriented Analysis & Design, Computer Networks
- Web & Software Development - Web Technologies, Software Engineering, Software Testing
- Operating Systems - Linux, Windows

### Research Publications (Indexed)

1. Mrs. M. Dhivya, "**An Extended Review on Fabric Defects and Its Detection Techniques**," *International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC.org)*, Scopus Indexed, June 2017.
2. Mrs. M. Dhivya, "**Detection of Structural Defects in Fabric Parts Using Novel Edge Detection Method**," *The Computer Journal*, Volume 62, Issue 7, July 2019, pp. 1036–1043.
3. Mrs. M. Dhivya, "**An Inventive Method for Fabric Part Structural Defect Detection Using Frame Harmonizing**," *International Journal of Computer Communication and Informatics*, pp. 26–40, DOI: 10.34256, December 2022.
4. Mrs. M. Dhivya published "**Threads of Carcinogens – A Study on Cancer Causing Fabrics**" in the *International Journal of Engineering Research and Applications* (ISSN: 2248-9622), Vol. 13, Issue 4, April 2023, pp. 146–154.
5. **Mrs. M. Dhivya & Dr. V. S. Meenakshi**, "**A Concise Review for Exploring Deep Learning's Potential in Gastric Cancer Prediction**," **International Journal of Scientific Research in Engineering and Management**, ISSN: 2582-3930, Peer-Reviewed Journal (UGC Approved), Published on **17th October 2025**.

### e- Book Published

- Mrs. M. Dhivya authored **Lab Manual for Jenkins** (Amazon Kindle Edition, ASIN: B0DSJNGL99), published on 7th January 2025.
- Mrs. Dhivya M authored **VB.NET Practice for Beginners: Lab Manual** (Kindle Edition, published on 15th August 2023, ISBN B0CFWXY5L5)

### Paper Presentations in Conference

- **International - 6**
- **National -4**

### Conference Paper Details:

\*Mrs. M. Dhivya presented a paper titled "An Investigation into Template Matching Methodologies" at the International Conference on Computing and Intelligent Systems (ICCIS'23) organized by Sri Krishna Adithya College of Arts and Science on 24th and 25th January 2023.

\*Mrs. M. Dhivya presented a paper titled “Cloud-Based Digital Forensics” at the International Conference on Advanced Computing (ICAC-2023) organized by Bharathiar University in association with the Coimbatore Institute of Information Technology, held on 2nd and 3rd March 2023, ISBN: 978-93-91347-51-2.

\*One Day Virtual National Level Conference – Paper Presented on “Advancements in Deep Learning Algorithms for AI: Current Trends and Future Directions.” Presented a paper titled “Advancements in Deep Learning Algorithms for AI: Current Trends and Future Directions” in the One Day Virtual National Conference on “Advances in AI Research” held on 23rd August 2023 at Dr. N.S.A.M First Grade College, Bengaluru.

\*Mrs. M. Dhivya presented a paper titled “Deep Learning Based Lung Cancer Prediction from CT Scan Images Using CNNs and Transfer Learning” in the International Conference on Converging Academic Innovations organised by Madurai Gandhi N.M.R. Subbaraman College for Women and SKRGC Academy held from 8th to 10th August 2025.

\*Mrs. M. Dhivya presented a paper titled “Neural Network Based Classification for Early Detection of Stomach Cancer” in the International Conference on Research Perspectives in New-Gen Computational Paradigms organised by St. Joseph’s College for Women, Tirupur on 12th August 2025.

\*Mrs. M. Dhivya presented a paper titled “A Machine Learning Based Drug Recommendation System for Emergency Medical Situations” in the Second International Conference on Recent Trends in Multi-Disciplinary Research and Innovation organised by AVP College of Arts and Science, Tirupur on 19th September 2025.

\* Mrs. M. Dhivya presented a paper titled “Machine Learning and Bioinformatics Approaches for Gastric and Esophageal Cancer: A Comparative Study” in the International Conference on Fuzzy Intelligence Modelling, Optimization and Applications organised by Chikkanna Government Arts College, Tiruppur, Tamil Nadu on 13th October 2025. (ISBN: 978-93-344-1741-8)

#### **Presentations in Seminar -4**

#### **Participation in Conference -10**

#### **Participation in Seminars -4**

#### **Participation in Workshop-4**

#### **Participation in Faculty Development Programme-12**

## **Participation in Webinar -5**

## **Conference/Seminar/WorkshopOrganized -6**

## **Contribution**

### ***DEPARTMENT LEVEL COORDINATOR***

- Admission Incharge
- JOC(Job Orientation Program) Coordinator.
- Timetable incharge
- Class Incharge
- Internship Guide
- Project Guide
- Placement Coordinator
- Association Incharge
- JEC Coordinator
- E-Content Developer