

**Name** : Dr. G. Dhivya  
**Designation** : Asst.Professor  
**Department** : Computer Applications (BCA)  
**Qualification** : MSc., M.Phil., Ph.D  
**Experience** : Teaching - 6 Years 6 months  
**Research** : 5 Years  
**Area of Specialization(s)** : Data Mining and Warehousing , Cyber Security  
**Email(OfficialID)** : g\_dhivya@psgrkcw.ac.in



### Academic Qualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
Ph.D.	Computer Science	Karpagam Academy of Higher Education, Karpagam University, coimbatore	2025
M.Phil.	Computer Science	Kovai Kalaimagal College of Arts and Science, Coimbatore	2014
M. Sc.	Computer Science	Bharathiar University , Coimbatore	2012
B.Sc.	Computer Science	LRG Govt Arts and Science College for Women , Tirupur	2009

### Additional Qualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/AgencyName	Year
<b>Certification</b>	ASP.Net , VB.Net	Apollo Computer Education, Tirupur	2009
<b>Certification</b>	C, C++, Java, .Net	Angel Computer Education, Tirupur	2008
<b>Certification</b>	Typewriting in English (Lower – first class)	Tamilnadu Government	2008
<b>Certification</b>	Programming in Java	NPTEL	2023
<b>Certification</b>	CSIP internship program	VPKBIET BARAMATI INDIA	2022

## Research Publications (Indexed)

### International

- Illegal patterns identification on Dark Web using Machine Learning – **Scopus Indexed**
- Explainable AI-based semantic object detection for autonomous vehicles –**Scopus Indexed**(Book Chapter)
- Levying and anticipate of a structural project using our in-depth analysis process – **Scopus Indexed** (Book Chapter)
- Structural Patterns Classification and Prediction in Dark Web Mining using Recurrent Neural Network - Journal of Data Acquisition and Processing.(**Scopus Indexed**)
- Weapon Detection Identification and Classification for DCNN and YOLO-V5 Techniques- ICICNIS-(**Scopus Indexed**)
- AI Personalized Mental Health Monitoring System using Machine Learning, and Natural Language Processing. -(**Scopus Indexed**)
- Enhancing Cybersecurity with Aidriven Network Traffic Optimization and Resnet Architecture (**IEEE Xplore**)
- Optimizing Drug Choices with Sentiment Based Machine Learning Models (**Springer Nature**)

### Other Publications: International/National

- Blockchain Technology Application for Electronic Voting Systems-Spast Journal
- Effective Data Management using iterative Approach in Data Systems – Spast Journal
- Chat Application using Mern Stack - Spast Journal
- Harnessing databases and Deep Learning for advanced Cybersecurity and intrusion detection- Proceedings of the International Conference RASTEMS 2024 (ISBN: 978-81-977354-6-2)
- “Study of Dark web Anonymity with its Modern Technologies” in Karpagam JCS.

## Letter of Appreciation

Received a Letter of Appreciation for coordinating and conducting an international short-term course on **Linux** as the IR Coordinator .

## Paper Presentations in Conference

**International : 10**

**National : 3**

**Presentations in Seminar : 5**

**Participation in Conference : 11**

**Participation in Seminars : 25**

**Participation in Workshop : 12****Participation in Faculty Development Programme : 27****Participation in Webinar : 14****Conference/Seminar/Workshop Organized : 2**

Conference :1

Seminar : 1

**Membership in Professional Bodies**

Name of the Professional Body	Nature of membership	Duration
New research and innovation society	Annual	lifelong

**Awards/Honors**

Awards/Honors	Agency/Institute	Year of Award
Best Mentor	NPTEL	2023
Awarded	VPKBIET BARAMATI	2022

**Indexing and Citations**

UGC	: 2
SCOPUS-indexed	: 7
Peer Reviewed	: 2
Seminar Proceedings	: 2
Springer Nature	: 1
IEEE Xplore	: 1

**Contribution**

- Worked as an IR coordinator.
- Guided for MCA Students regarding Article Writing and Publishing.
- Worked as a Coordinator – Cultural Committee.
- Worked as a NSS officer and Organized NSS special camp for students.
- Worked for Criterion I & V– NAAC work (1 year)
- Incharge of the College Website.
- Member of the Fine Arts Club.
- Member in Photography club.
- Incharge for Internal Exams