

Name : Mrs. V.BAKYALAKSHMI

Designation : Assistant Professor

Department : Computer Science

Qualification : M.Sc., M.Phil.,

Experience : Teaching: 15 Years 10 Months Industry : 0 Year Research : 11

Area of Specialization(s) : Data mining

Email (Official ID) : bakyalakshmi.v@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	PSG College of Arts and Science, Coimbatore	Pursuing
M.Phil.	Computer Science	Vellalar College for Womens	2009
M.Sc.	Computer Science & Information Technology	Arulmigu Palani Andavar Arts and Culture, Palani	2007
B.Sc	Computer Science	Annamalai University	2003

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Online Certificate	Big Data Computing	NPTEL	2021

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	-
M. Phil.	10	-

Other Publications: International / National Journals

1. V.Bakyalakshmi, **“Techniques for Examining Student Data for Indicators of Future Success-Survey and Analysis ”**, IJSRT, Volume 8, Issue 4, April 2023., ISSN NO-2456-2165.
2. V.Bakyalakshmi, **“Collusion Attack Scenario against for Secure Data Aggregation in WSN ”**, IJOSER, Volume 3, Issue 11, November 2015.
3. V.Bakyalakshmi, **“Turn Around Group Query Optimization System Analysis”**, IJARCCCE, Volume 4, Issue 12, December 2015.
4. V.Bakyalakshmi **“Mining Based Learning Framework for Android Malware Detection”**, IJSRCSEIT, Volume 2, Issue 6, November – December 2015.

Book Publications

1. **“Machine Learning with Data Analytics”**, Dr.Md.Tabrez Nafis, Mrs.V.Bakyalakshmi, Dr.M.Kannan, Dr.Sampada Gulavani, Shanlax Publications, Madurai, January 2023, ISBN: 978-19042-20-3.
2. **“Big Data Analytics using Python”**, , Mrs.V.Bakyalakshmi, CIIT Publications, Coimbatore, January 2022 , ISBN: 978-93-91347-18-5.

Presentations in Conference

1. **“AI-Enhanced Creative Learning in the Classroom: Crucial Success in the Digital Era”**, International Conference on Advanced Computing (ICAC- 2023) on 3.3.2023 , organized by Bharathiar University , Coimbatore.(ISBN-978-93-91347-51-2).
2. **“A systematic study of Identifying and Shaping AI for future Education and Competencies required by Future Digital Teachers”**, International Conference on Enhanced Techniques in Real-Time Applications (ICETRA 2022) on 29.12.2022 organized by United College of Arts and Science, Coimbatore. (ISBN: 978-93-91347-37-6).
3. **“Big Data Analytics : Overview”**, International Conference on Advanced Computing, on 4th March 2022, organized by BharathiarUniversity.

4. **“Secure data Aggregation Technique for Wireless Sensor Network in Collusion Attacks”**, International Conference on Competency Building Strategies in Business and Technology for Sustainable Development, on 20th Feb 2015.
5. **“Network Security And Crypto Graphy”** , National Conference on Consumer Protection, on 14th Feb 2015.

Participation in Seminars

1. **“Digital Transformation of Women @75 Sponsored by ICSSR”**, organized by Department of Software Systems, PSG College Of Arts & Science, Coimbatore.
2. **“Research Conclave 2022”**, organized by PSG College of Arts And Science.
3. **“Python Programming”**, conducted by Spoken Tutorial, IIT Bombay organized by Sona College of Technology.

Participation in Workshop

1. **“Bid Data Computing”**, organized by Department of CSE (AI&ML and IoT)) VNR Vignana Jyothi Institute of Engineering and Technology.
2. **“Case Studies in Artificial Intelligence and Machine Learning”**, organized by Department of Data Analytics (PG) and Department of Library, PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu.
3. **“Invisible Skills”**, organized by Department of Computer Science, Rathinam College of Arts and Science, Coimbatore.
4. **“Cloud Infrastructure and Services”**, conducted by ICT Academy at Sri Ramakrishna college for Women.
5. **“Big Data Analytics”**
6. **“Mastering in video Editing”** using Adobe Premiere.

Participation in Orientation Programme / Short Term Courses

1. **“How to do Research in Computer Science”**

Participation in Faculty Development Programme

1. **“Platforms & System Security in Cyber Space“**, organized by Department of CSE (AI&ML and IoT) VNR Vignana Jyothi Institute of Engineering and Technology.
2. **“Personality Grooming-Handling Stress and Emotional Intelligence “** , organized by PPG College of Arts and Science, Coimbatore.
3. **“Cyber Crime Investigation and Forensics“**, organized by Department of Computer Science and Engineering , Chalapathi Institute of Engineering and Technology,Guntur.
4. **“Data Science: A Revelation of the Modern Digital Era”**, organized by Department of Computer Science and Application, SRM Institute of Science and Technology, Ramapuram Campus, Chennai .
5. **“Advanced Computing Technologies”**, organized by Department of Computer Science (SF) Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi.
6. **“Research Methodology”**, organized by SRM Institute of Science and Technology.
7. **“AI & ML”**, organized by School of Computer Science, PPG College of arts & Science, CBE.
8. **“Research and Application perspectives of AI & ML”**, organized by KPR Institute of Engineering & Technology, and Sree Saraswathy Thyagaraja College.
9. **“Industrial revolution 4.0:Emerging trends in IT”**.