

Curriculum Vitae

Dr. J. Hirudhaya Mary Asha
Surya Opticals, Surya Opticals Building
91, Trichy Road, Manapparai - 621 306.
Mobile:7502364030
MailId:hirudhaya_ashaa20@yahoo.co.in
<https://www.linkedin.com/in/asha-john-135b99212>



Objective

Looking forward to challenging & growth oriented career opportunity and thereby utilize my skills to the fullest towards the financial health and strategy.

Educational Qualification

DEGREE	INSTITUTION	YEAR OF STUDY	CLASS	% of Marks Obtained
S.S.L.C	St.Anne's Girls Hr.Sec.School,Trichy	1998-99	First	82.2
Higher Secondary	St.Anne's Girls Hr.Sec.School,Trichy	2000-01	First	71.2
B.SC(C.S)	Shrimathi Indira Gandhi College	2001-04	First	74.5
M.Sc(C.S)	Shrimathi Indira Gandhi College	2004-06	First	72
M.Phil(C.S)	Bharathidasan University	2006-07	Distinction	78
M.C.A	Periyar University	2009-2010	First	76
M.Tech(I.T)	Bharathidasan University	2011-2013	Distinction	80
Ph.D (Computer science)	Bharathidasan University	2018-2022	COMMENDED	

Certified as Data Scientist From CloudKampus

Certified as an Optometrician from Bharat Sevak Samaj

Hands On Experience in Tools:

- SQLite - SQL Programming
- Talend- ETL tool
- Python and Machine Learning
- MySql

Work Experience

**Currently working as an Assistant Professor in Department of Computer Science
St. Joseph's College(Autonomous), Tiruchirapalli**

Designation: Lecturer

Instituion: PavendarBharathidasan College of Arts and Science,Trichy

Years worked: 2006 – 2008

Years of experience : 2yrs

Designation : Lecturer

Instituion: G.T.N. College of Arts and Science, Dindigul

Years worked: 2008 – 2013

Years of experience: 5yrs

Designation : Guest Faculty

Institution : Department of Computer Science and Engineering, Bharathidasan University,

Duration : Since August 2022 till date

Papers published:

1. Paper name: [Hiding Methods for Preventing Jamming attacks on wireless Networks](#)

Published in :www.ijsrp.in(IJSRP Volume 4, Issue 7, July 2014 edition)

2. Paper Name: [Interoperability in smart living network—a survey](#)

Published in International Conference on Communication, computing and Electronics systems..., 2020 (Scopus)

3. Paper Name: [The Appraised Structure for Improving Quality in the Compressed Image Using EQI-AC Algorithm*](#)

Published in : International Conference on Image Processing and Capsule Networks..., 2020 (Scopus)

4. Paper Name: [ExclusiveOR-Discrete Cosine Transform-A Chaotic Algorithm for Image Encryption and Decryption*](#)

Published in :International Conference on Image Processing and Capsule Networks..., 2020 (Scopus)

5. Paper Name: [The Internet of Things \(IoT\) Routing Security—A Study*](#)

Published in :International Conference on Communication, computing and Electronics System..., 2020 (Scopus)

6. Paper Name: Fuzzy probabilitybased person recognition in smart environments

Published in: [Journal of Intelligent & Fuzzy Systems \(SCI\)](#), vol. 40, no. 5, pp. 9437-9452,
2021, DOI: 10.3233/JIFS-201913

7. Paper Name: Thresholding images using Binarization and Top-Bottom Agglomerative Clustering Hierarchy (BTTBACH) by Frame differencing Method

Communicated in: Submitted in [Journal of Intelligent & Fuzzy Systems \(SCI\)](#)

8. Paper Name: Gait Energy Image Feature Extraction and Feature Optimization for person recognition

Communicated in: Submitted in [Journal of Intelligent & Fuzzy Systems \(SCI\)](#)

Award for:

Cent percent Result Produced in University theory Examination

S.NO	AWARD	FROM	YEAR	COUNT
1	CERTIFICATE OF MERIT	Pavendar Bharathidasan College of Arts and Science, Trichy	2006 and 2007	2 times

Programs Participated and Presented

S.NO	NAME OF THE CONFERENCE	PRESENTED/PARTICIPATED	NATIONAL/INTERNATIONAL LEVEL
1	International seminar on “Big data Analytics and Internet of things	Participated	International
2	International conference on Current Research in Engineering Science and Technology	Participated	International
2	National conference on advanced computing	Participated on 12 th march 2019	National

3	International Conference on Recent Explorations in Science, Engineering and Technology	Presented Paper named “ The Internet of Things Routing Security-A Survey” on 14/03/2019	International
4	International Conference on Recent Explorations in Science, Engineering and Technology	Presented on 14/03/2019	International
5	International conference on Newer Engineering concepts and technology-2k19	Presented Paper named “ Smart Door for Remote Sensing” on 15 th march 2019	International
6	Webinar on Artificial Intelligence by Nehru Institute of Engineering and Technology, Coimbatore	Webinar on Artificial Intelligence on 20/05/2021	National
7	Faculty Development Program titled Applied Data Science Tools and Techniques	Participated from 29/05/2021 to 02.06.2021	-----
8	Workshop attended titled Beyond the Cloud-Edge computing	Participated from 18/06/2021 to 20/06/2021	National
9	Faculty Development Program titled Artificial Intelligence and Neural Network	Participated from 23/06/2021 to 28/06/2021	-----
10	Seminar on Big Data Challenges	Participated on 26/11/2022	International
11	Workshop on Internet of Things	11/01/2023	-----

12	Seminar on ICT Trends and Opportunities for Non-Engineering Graduates and Role of Professional Societies in Career Progression	Participated on 07/02/2023	International
13	International Seminar on Advanced Computing	Participated on 02/03/2023	International
14	Faculty Development Program titled Innovative Techniques in Artificial Intelligence and Deep Learning	Participated on 07/08/2023	International

Reference List

1. Dr. M. Durairaj Ph.D.

Assistant Professor, School of Computer Science, Engineering and Applications, Khajamalai Campus, Bharathidasan University
Tiruchirappalli – 620 023
Tamil Nadu, INDIA
Contact Phone (Office) : +91 4312331663
Contact Phone (Mobile) : +91 9487542202, +91 9080387880
Contact e-mail(s) : durairaj.bdu@gmail.com, durairaj.m@bdu.ac.in

2. Dr. E.George Dharma Prakash Raj

Associate Professor, School of Computer Science, Engineering and Applications, Khajamalai Campus Bharathidasan University
Tiruchirappalli – 620 023
Tamil Nadu, INDIA
Contact Phone (Office) : +91 431 2331663
Contact Phone (Mobile) : +91 9443191790
Contact e-mail(s) : georgeprakashraj@bdu.ac.in

Subject Interest

- Data Science
- Natural Language Processing
- DBMS
- Software Engineering
- Artificial Intelligence

Project Undergone in B.Sc

Title : Purpose and utility of Opticals using VB & Oracle

Project Undergone in M.Sc

Title : XML Pusher/Server for Business document management using J2ee & MySQL

Project Undergone in M.C.A

Title : Mapping Business Document with Viewer using J2ee & MySQL

Thesis Undergone in M.Phil

Title : BOAR OS With Self Paging for Quality of Service

Project Undergone in M.Tech(IT)

Title : Hiding Methods for Preventing Jamming attacks on Wireless Networks

Thesis Undergone in Ph.D Computer Science

Title : Cloud and Machine Learning Applications For Human Silhouette and Gait Image Features Classification Methodology in Smart Home

Personal Profile

Name : J.HIRUDHAYA MARY ASHA
D.O.B : 20th July 1984
Gender : Female
Language known : English & Tamil
Nationality : Indian
Religion : Christian
Marital status : Married

Declaration

I here by declare that all the above-furnished details are true to the best of my knowledge and belief.

Place:

Signature

Date:

(J.Hirudhaya Mary Asha)

