Dr.VIJAYALAKSHMI V

Plot No : 100B,Door No:1/527
4 th Cross, Thriukailai Nagar,
Gokul Nagar Road,
Hosur.
Cell Phone: 9943561521,9123517142
Email:arvind.viji@gmail.com

Objective:
To pursue a career to explore the practical aspects of Information Technology as a Programmer cum Mentor as well as to contribute to the organization goals in the field of Computer Hardware and software Research.

Education:

Doctor of Philosophy in Computer Science (Ph.D)   **:** 2022
 Part time in Periyar university, Salem.

Master of Philosophy in Computer Science (M.Phil)
PRIDE, Periyar university, Salem.
Percentage   : **66%**.   Year of Passing   : 2007

Master of Science in Computer science (M.Sc)
 Bharathiyar University, Salem.
Percentage   : **67%**   Year of Passing   : 2005

Bachelor of Science in Computer Science (B.Sc)
Govt Arts College,Dharmapuri,Periyar university,Salem.
Percentage   : **82%**   Year of Passing   : 2002

Higher Secondary
Avviyar govt school,Dharmapuri.Tamilnadu State Board.
Percentage   : **86.3**.**%**   Year of Passing   : 1998

SSLC
Avviyar govt school,Dharmapuri.Tamilnadu State Board.
.
Percentage   : **86.2 %**   Year of Passing   : 1996

Experience: 15 years
Assistant Professor   **June 2007** – till now
Department of Computer Science
M.G.R College (Arts and Science), Hosur, **Krishnagiri.**

Technical Skills:	
Platforms	Microsoft Windows, Red Hat Linux
Languages	C, C++, VB, Java, HTML, XML, J2EE, ASP.
Packages	Visual Studio .NET, MS Office, Microsoft FrontPage, Rational Rose, Visual Studio C++ 6.0,Android Programming
Databases	Microsoft SQL Server, Oracle , Microsoft Access

Areas of Interest:

- Gird computing
- Cloud computing
- Computer Networks
- Cluster computing
- Wireless sensor Network
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Guest Lectures:

- Delivered **2 Guest Lectures as Resource Person** in *Young Student Scientist Programme (YSSP) – 2011* and **2015** Organized by **Tamilnadu Government** held at M.G.R.College, Hosur

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Seminars and Conferences :

- One Day National Level Seminar on **"Impact of MATLAB Tool Kit in Research Work"** organized by **CSNET.COM Association, MGR College, Hosur**. Held on **3rd December 2010**

- Two days Faculty Development Program on "**Decision Making Skills**" organized by **ICTACT** in Adhiyamaan college of Engineering Held On **April 20 & 21, 2015**

- Two days National Level Workshop on **"NS/3 Simulator"** organized by CSI in Adhiyamaan college of Engineering Held On **June 26 & 27 ,2015**

- Two   days   National   Level   Workshop   on   **Network Simulator(NS2,Glomosim,Qualnet&Netsim)** Organized by **Kongu Engineering College ,Erode** Held On **August 5 & 6 ,2016**

- One day National Level Workshop on the **Art of Writing Research Paper** Organized by **Kongu Engineering College ,Erode** Held On December **30 ,2016**

- One day International Seminar On **Wireless Networks Simulation & Performance Analysis** Organized by **Government Arts College, Dharmapuri** Held On **September 25 ,2019**

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National Conferences

- V.Vijayalakshmi and Dr.A.Senthilkumar , **" Clustering based Multipath Routing Algorithm to improving QOS in Wireless Sensor Networks"** , National Level Conference on Data mining and image processing in modern world at Adhiyaman arts and science collegeFor women,Uthangarai (Oct 2016)

- V.Vijayalakshmi and Dr.A.Senthilkumar , "**Performance Comparison of QOS based Routing Protocols MBRA,REAR and speed for Wireless Sensor Networks",**Global Learning Conference on Mobile Computing at AC Tech,**Anna University ,Chennai** (Feb 2017)

- V.Vijayalakshmi and Dr.A.Senthilkumar **, "A Comparative Study of Quality of service Routing Protocols in wireless sensor Networks",** National Level Conference on "Advanced Computing and communication Technologies at **SIRI PSG Arts and Science College For Women,** Sankari (Feb 2017)

- V.Vijayalakshmi and Dr.A.Senthilkumar , **" Monitoring Agriculture production process using wireless Sensor Networks" ,** UGC Sponsored Two Days National Level Conference on crisis in Agriculture of Tamilnadu at Government Arts College(Men) at Krishnagiri
(March 2017)

International Conference

- V.Vijayalakshmi and Dr.A.Senthil kumar , **" Smart Farming System Using Sensors", International Conference on Trends and Advancement in Computer Technologies,** International conference on trends and Advancement in Computer Techologies at Shri **Sakthikailassh women's College,** Salem(July 2017)

- V.Vijayalakshmi and Dr.A.Senthil kumar , "**Survey on Clustering Algorithms in Wireless Sensor Network", International Seminar on Big Data Analytics** – research and issues at Morappur Kongu College of Arts and Science , Dharmapuri(Sep 2017)

- V.Vijayalakshmi and Dr.A.Senthil kumar**, "Implementation of K-means Clustering and Anomaly Detection in Wireless Sensor Network",** International Conference on Data Science and Analytics, Coimbatore (Sep 2017)

International Journal

- V.Vijayalakshmi and Dr.A.Senthilkumar, "**A Survey On Cluster based Multipath Routing Protocol for Wireless Sensor Networks**", Survey on Clustering Algorithms in Wireless Sensor Network", International Seminar on Big Data Analytics, Volume 3 Issue 6, November – December 2016

- V.Vijayalakshmi and Dr.A.Senthilkumar, "**USCDRP : Unequal Secure Cluster based Distributed Routing Protocols for Wireless Sensor Network, The Journal of Super Computing (***Springer***) ISSN 0920 – 8542** , Volume 76, Number 2 , November 2019

- V.Vijayalakshmi and Dr.A.Senthilkumar, "**An Efficient Stochastic Gradient Diffusion Search for WSn using Parallel Computing Technique ",Turkish Journal of Computer and Mathematics Education** , Volume 12, No 11, ISSN 4423 – 4428, May 2021.

Additional Activities:

- Staff Approval & M.Phil Guideship Number given by Periyar University ,Salem.
- Guiding M.Sc (computer science), M.phil (Computer science) students from 2011
- Headed the Disciplinary Committee for the Annual Sports meet from 2007
- Conducted Symposiums from 2007
- Acts as a External/Internal Examiner in Periyar University Semester Exams for both Theory and Practical
- Acts as Additional Chief Superintendent for Periyar University Theory Examination
- Played vital role in conducting various events in Independence Day, Republic Day, Sports Day and Department Functions
- Acts as Women Empowerment Co-coordinator from 2010 to 2015
- Acts as NSS Programme Officer from 2020

Personal Details :

Name	:	Dr. V. Vijayalakshmi
Father's Name	:	R.Vadivelu
Husband's Name	:	R.Aravindhan
Date of Birth	:	31-07-1981
Sex	:	Female
Marital Status	:	Married
Nationality	:	Indian

Declaration :

I hereby declare that the details furnished above are true to my belief and best of my knowledge.

Place   : Hosur   Yours faithfully,

Date   :   **Dr .V.VIJAYALAKSHMI**