**RESUME**

Mail[id:valarmathivijayan@gmail.com](mailto:valarmathivijayan@gmail.com) V**.VALARMATHI**

Mobile:9791092069 AssistantProfessor

**Career Objective:**

Aspiring to associate myself with a Concern which gives me an opportunity to expand my teaching and research skills in Information Technology and enable me to develop as a person as well as to contribute for the growth of the organization.

**Educational Profile:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Name of Course** | **Board/University** | **Year of Passing** | **Percentage/ CGPA** |
| 1 | Ph.D | Anna University | - | Pursuing |
| 2 | M.Tech(IT) | Sathyabama University | 2010 | 7.23CGPA |
| 3 | B.Tech(IT) | Anna University | 2005 | 7.1CGPA |

**Experience:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Name of the Institution** | **Designation** | **From** | **To** |
| 1 | Sri Sairam Engineering College | Assistant Professor | 6.9.2021 | Till date |
| 2 | SKR Engineering College | Assistant Professor | 21.6.2010 | Till date |
| 3 | Shri Andal Alagar College of Engineering | Lecturer | 10.7.2006 | 16.6.2010 |

**Software Exposure:**

OperatingSystems : LINUX, UNIX,WINDOWS

Software’s : C, C++, JAVA, HTML, XML

**Research Publications:**

1. V.Valarmathi, “Segmentation Of Vessel Bends In Optic Disc And Optic Cup For Glaucoma Screening “ “International Conference On Emerging Trends In Electronics Communication And ComputingTechnology(Icontech-2016)”
2. S.Uma,V.Valarmathi,”Proficient Secret Transmission of Images And Message, International Journal Of Engineering And Computer Science”, ISSN 2319-7242 Volume 3 Issue 9 September 2014 Page No.8326-8331.
3. R.Poorani,V.Valarmathi,”Graphical Role Mining Using Hybrid Role Engineering Approach, International Conference on Recent Trends in Computer Science and Engineering”,<http://docsdrive.com/pdfs/medwelljournals/ajit/2014/416-421.pdf>
4. R.S.Deeba V.Valarmathi, “Nephele: Dynamic Allocation and Parallel Execution in Cloud”, National Conference on Advances in Computing and Networking on Febrauary 11,2012 at SA EngineeringCollege.
5. S.Suresh,R.Valarmathi,“Building an Offline BarCode Scanners For Android”,DRDO sponsored ICONIC 2012, Anand Institute of Higher Technology” ,www.iconic2012.in.

**Seminars & FDP Attended:**

* + Online FDP on “RECENT ADVANCEMENT IN TECHNICAL DOMAINS” at SRMIST, Ramapuram from 24th August to 07th September 2020.
  + Online FDP on “Recent Trends in Information ,Computing , Communication and Teaching Methodology Competency” from 4th – 7th May 2020 at Sri Sai Ram Engineering College.
  + Online FDP on “ARTIFICIAL INTELLIGENCE” at Christian College of Engineering & Technology from 22nd – 26th May 2020.
  + FDP for Student Induction organized by AICTE at Anna University, Chennai from 13th to 15th May2019.
  + Attended seven days FDTP on “Distributed Systems” on November 27th to December 1st& December 18th - 19th December 2015 at MITChennai.
  + FDP on “Mobile Application Development on Android” at SKR Engineering College, from January 4, 2016 to January 10,2016.
  + Attended One Day Workshop on “Big Data” in VIT,Chennai on 5thMay2014.
  + Attended Faculty Development programme on “Computer Architecture” on 16.08.2014 to 18.08.2014 at Dhanalakshmi College of Engineering,Chennai.
  + Participated in One day Seminar on “Number Theory & Cryptography” in Rajalakshmi Engineering College on 5th& 6th August2010.

**Patent Obtained:**

Mrs.V.Valarmathi (2020) et.al, “A NOVEL ALGORTHIM OF ACTIVE LEARNING BASED ON MACHINE LEARNING VECTOR ALGORITHM”, Indian

Patent Application No.201941046257.

**Research Interest:**

* + NetworkSecurity
  + DataMining
  + Image Processing

**Subjects Handled:**

DataStructure Telehealth Technology

Python ComputerNetworks

Digital Principles &SystemDesign OperatingSystem

Computer Architecture Design & Analysis ofAlgorithm

**Projects Guided:**

1. Smart phone-based disaster monitoring and alertsystem
2. Smart Visitor Guidance with Embedded Touch ScreenPanel.
3. Automatic Toll Collection System Using Radio FrequencyIdentification.
4. Graphical Role Mining Using Hybrid Role EngineeringApproach.
5. Auto EvaluationSystem
6. Proficient Secret Transmission of Images andMessage.

**Administration Work Executed:**

* + Worked for NBA and NAACaccreditations.
  + Served as Student Branch Coordinator forIEEE.
  + Served as Time table coordinator and Value Added Course coordinator for thedepartment.
  + Served as Class in charge for thedepartment.
  + Involved in C# and .NET value addedcourse.
  + Worked as a Member in ExamCell
  + Worked as a ProjectCoordinator.

**Personal Profile:**

Husband’sName :M.B.Ramesh

DateofBirth :25-03-1984

PermanentAddress : 30, Kurinji nagar, 1st street, Irumbuliyar, East Tambaram, Chennai-59.

Languagesknown : English, Tamil and Telugu MaritalStatus :Married

Place: Chennai.

Date: Yourssincerely

[V.VALARMATHI]