

CURRICULUM-VITAE

S.VIJAYALAKSHMI M.Sc.,M.Phil.,DCA,SET,NET.,

S.NO 674/2, PLOT NO:III A

HANI NEST, RAJIV NAGAR,

BALAKRISHNAPURAM,

DINDIGUL.

EMAIL ID : haninest060@gmail.com

CONTACT:8344538715, 8610661694



CAREER OBJECTIVE

To work with a reputed organization to improvise my knowledge and career as well as bringing out my full effort to work for development of the institution and to utilize my experience to provide the bright future for students.

ACADEMIC PROFILE

| DEGREE/ EXAM | NAME OF THE INSTITUTION | UNIVERSITY/ BOARD | YEAR OF PASSING | PERCENTGE/ CGPA |
|-----------------|--|--|--------------------|--------------------|
| NET | CBSE-UGC | | JULY 16 | 55.43 |
| SLET | Mother Thresa Women's University,Kodaikanal | Mother Thresa Women's University,Kodaikanal | FEB - 16 | 68.57 |
| M.Phil(CS). | Madurai Kamaraj University, Madurai. | Madurai Kamaraj University, Madurai. | 2010 | 63.2 |
| M.Sc.(CS) | A.P.S.A. College, Tiruppattur | Madurai Kamaraj University, Madurai. | 2001 | 84.59 |
| B.Sc. | A.P.S.A. College, Tiruppattur | Madurai Kamaraj University, Madurai. | 1999 | 83 |
| D.C.A | MicroSystems, Singampunari | | 1998 | 91.67 |
| HSC | R.M.R.M.G.G.H.S.School, Singampunari | State Board | 1996 | 80.5 |
| SSLC | R.M.R.M.G.G.H.S.School, Singampunari | State Board | 1994 | 78.6 |

TEACHING EXPERIENCES:

- Working as a Assistant Professor in **G.T.N Arts College**, Dindigul from August 2007 to till date
- Worked as a Lecturer in **A.P.S.A** College, Tiruppattur for **1 Year and 7 Months** from September 2001 to April 2003.

TECHNICAL SKILL:

Operating Systems : MS-DOS, Windows, Linux, Unix

Languages : C, C++, Java, Visual Basic,.NET, MatLab, Python,

DTP Software : Flash, Photoshop

Packages : MS-Office XP,98,95,

Web Designing : HTML, CSS,PHP

RDBMS : ORACLE 9.1, MS-Access, My SQL

SOFT SKILL:

- Good Communication Skill.
- Better observer and deliverer.
- Good in motivating.
- Hard working and can easily adapt to new technologies.

ACADEMIC PROJECTS:

TITLE :INTEGRATED DOWNLOADING SYSTEM

ENVIRONMENT : JAVA

COURSE : M.Sc.,

COLLEGE : A.P.S.A. COLLEGE

DURATION : 6 MONTHS

COMPANY : UTHAYA SYSTEMS, MADURAI.

DESCRIPTION:

The Integrated Downloading System mainly deals with the downloading of multiple web sites and other software at the same time. At this time it helps the user to continue the downloading of software even after the discontinuations of Internet, due to some connection problems. This is done by storing the present downloaded things in local hard disk and then continuing the downloading process, by again establishing the internet connection.

DISSERTATION DESCRIPTION:**TITLE** :SECURITY MANAGEMENT USING IRIS RECOGNITION**ENVIRONMENT** :MATLAB**COURSE** : M.Phil.(Computer Science)**UNIVERSITY** : MADURAI KAMARAJ UNIVERSITY**DURATION** : 1 YEAR**DESCRIPTION:**

A study of human recognition based on Iris which is internal organ of the eye and as well protected from the external environment, yet it is easily visible from within one meter of distance makes it a perfect biometric for an identification system with the ease of speed, reliability and automation by use of biometrics known as Iris Recognition System is provided, based on the technology invented by Dr.John Daugman, an attempt of implementing a workable system was made here.

GUEST LECTURE/RESOURCE PERSON:

- I gave a lecture on "jkpo; ,izajs cUthf;fg; gapw;rp " as a resource person in GTN College which was conducted by kani tamil peravai on 5.10.19.

INTERNATIONAL JOURNALS:

| S.NO | TITLE OF THE ARTICLE | NAME OF THE JOURNAL | VOLUME, YEAR | ISSN NO | IMPACT FACTOR |
|------|--|---------------------|-------------------------------|-----------|---------------|
| 1 | Automated Brain Tumor Segmentation and Detection Using PSO | IJCRT | Volume 6, Issue 2, April 2018 | 2320-2882 | 5.97 |
| 2 | MRI Based Brain Tumor Image Segmentation using Deep Learning Methods | IJCRT | Volume 6, Issue 2, April 2018 | 2320-2882 | 5.97 |
| 3 | Tumor Detection and Segmentation in Brain using Genetic Algorithm | IJCRT | Volume 6, Issue 2, April 2018 | 2320-2882 | 5.97 |

CERTIFICATE COURSES:

| S.NO | DATE | TITLE | INSTITUTION |
|------|---------|-----------------------------------|--------------------------------|
| 1. | 11.2.17 | SOFTWARE DEVELOPMENT FUNDAMENTALS | Microsoft Technology |
| 2. | 8.2.17 | 3D ANIMATION | PPV Technology Private Limited |
| 3. | Apr18 | INFORMATION SECURITY | NPTEL |
| 4. | Oct 18 | THE JOY OF COMPUTING USING | NPTEL |

| | | | |
|-----|-------------------------|--|---|
| | | PYTHON(Gold Medal) | |
| 5. | Apr 19 | INTRODUCTION TO INTERNET OF THINGS | NPTEL |
| 6. | Apr 19 | SOCIAL NETWORK | NPTEL |
| 7. | Sep 19 | DISCRETE MATHEMATICS | NPTEL |
| 8. | Sep 19 | THEORY OF COMPUTATION | NPTEL |
| 9. | Nov19 | ETHICAL HACKING(Silver Medal) | NPTEL |
| 10. | Apr 20 | DATA MINING | NPTEL |
| 10. | 5.5.2020 | FUNDAMENTALS OF R PROGRAMMING | Sri Krishna Adithya College of Arts and Science, Coimbatore |
| 11. | 28.5.20 3.6.2020 | EMBEDDED C PROGRAMMING FOR C51 MICROCONTROLLER | JP College of Arts and Science, Ayikudy |
| 12. | 30.5.20 | DIGITAL MARKETING | Sri Ramakrishna College of Arts & Science for Women, Coimbatore |
| 13. | 8.6.20 to 12.6.20. | DIGITAL DESIGN & ANIMATION | Sri Ramakrishna College of Arts & Science for Women, Coimbatore |
| 14. | 23.11.20 to 28.11.20 | DIGITAL TEACHING TECHNIQUES | ICT Academy |
| 15. | Apr 21 | Programming in JAVA (Silver Medal) | NPTEL |
| 16. | Oct21 | BIG DATA COMPUTING(Silver Medal) | NPTEL |

- I have been awarded with an **NPTEL -DISCIPLINE STAR** Certificate.
- Got certificate for the participation in the "NEW INDIA LEARNATHON 2020" Organized by ICTACADEMY during May-June2020.
- Participated in one day National Level Online Orientation Programme on "**GOOGLE SITES**" on 30.10.20. organized by Tumkur University Teacher Educators Association, Tumkur, Karnataka.
- Participated in the National Symposium on "Institutionalizing Best Practices in HEI'S" organized by IQAC cell, Pillai College of Arts, Commerce and Science on 28.10.21.

SEMINAR/WORKSHOP/CONFERENCE/FDP PARTICIPATED:

Conferences:

| S.NO | DATE | TITLE | INSTITUTION | NATIONAL/ INTERNATIO NAL | PARTICIPA TED/ PRESENTED |
|------|----------------|--|--|--------------------------------|--------------------------------|
| 1. | August 2016 | RECENT TRENDS IN IT TECHNOLOGIES | Mangyarkarasi College of Arts and Science for Women, Madurai | National | Participated |

| | | | | | |
|----|-----------------------|--|---|------------------------------|--------------|
| 2. | 15.6.20 to 19.6.20 | INNOVATIVE CHALLENGES IN MULTIDISCIPLINA RY RESEARCH AND PRACTICES | Hindusthan College of Arts and Science, Coimbatore | International | Participated |
| 3. | 14 - 18 Oct 2020 | AI, Robotics and Automation | ICT Academy | International | Participated |
| 4. | 14 - 18 Oct 2020 | Signals, Communication and Embedded Systems | ICT Academy | International | Participated |
| 5. | 14 - 18 Oct 2020 | Advances in Sensors, and Energy Hybrid Vehicles | ICT Academy | International | Participated |
| 6. | 14 - 18 Oct 2020 | IOT, High Performance and Edge Computing | ICT Academy | International | Participated |
| 7. | 23.4.21 | A Methodical Approach towards Narrative and Taxonomy of Cybercrime Incidents | Dr.Mahalingam College of Engineering and Technology, Pollachi | DST Sponsored National | Presented |
| 8. | 29.6.21 to 30.6.21 | Recent Advances in Chemical, Physical and Biological Sciences | Nabira mahavidyalaya,katol | International | Participated |

Workshop:

| S.NO | DATE | TITLE | INSTITUTION | NATIONAL/ INTERNATIONAL |
|------|--------------|-------------------------------------|--|----------------------------|
| 1. | Sep- 2011 | JAVA FROM INDUSTRIAL PERSPECTIVE | Sakthi College of Arts and Science for Women, Oddanchatram | State Level |
| 2. | Feb- 2016 | MATLAB | MVM Government Arts College for Women, Dindigul | National |

| | | | | |
|-----|--------------------|---|---|---------------|
| 3. | 20.1.18 | INTELLECTUAL PROPERTY RIGHTS | NPR Arts and Science College, Natham | State Level |
| 4. | 15.2.18 | PYTHON PROGRAMMING FOR BEGINNERS | Parvathy's Arts and Science College, Dindigul | National |
| 5. | 19.9.18 | EXAMINATIONS REFORMS IN HIGHER EDUCATION | G.T.N. Arts College, Dindigul | |
| 6. | 22.12.18 | E-CONTENT DEVELOPMENT AND MOOC | Tamil Nadu State Council For Higher Education | National |
| 7. | 27.6.19 | OUTCOME BASED EDUCATION - A PARADIGM SHIFT | G.T.N. Arts college | |
| 8. | 9.8.2019 | INTELLECTUAL PROPERTY RIGHTS | ST.Antony's College of Arts and Science for Women, Dindigul | National |
| 9. | 4.11.2019 | ART OF WRITING RESEARCH PAPER AND PUBLISHING IN HIGH REPUTED JOURNALS | Tamilnadu State Council for Science and Technology, G.T.N ARTS COLLEGE | National |
| 10. | 10.6.20 to 16.6.20 | MOODLE LEARNING MANAGEMENT SYSTEM | Hindusthan College of Arts and Science, Coimbatore(Spoken Tutorial) | National |
| 11. | 10.6.20 to 12.6.20 | REAL TIME COGNITIVE SERVICES ON AZURE CLOUD | Parvathy's Art & Science College | International |
| 12. | 16.6.20 to 20.6.20 | RESEARCH METHODOLOGY AND ICT BASED TEACHING AND LEARNING TOOLS | Hindusthan College of Arts and Science, Coimbatore | National |
| 13. | 21.6.21 to 22.6.21 | Intellectual Property Rights | G.T.N. Arts College | National |
| 14. | 17.7.20 to 19.7.20 | INTRODUCTION TO WEB DEVELOPMENT | Department of Electronics & Communication Engineering in association with skill to hire | National |
| 15. | 3.8.20 to | BEST PRACTICES OF ICT | Jagadguru | National |

| | | | | |
|-----|----------------------|--|---|---------------|
| | 8.8.20 | TOOLS IN TEACHING AND LEARNING | Rambhadracharya Divyang University, Chittrakoot. | |
| 16. | 14.10.20 to 20.10.20 | Android Studio | DBT Star Scheme,, Venkataswamy Naidu College , Kovilpatti | |
| 17. | 18.10.20 | Creations of Educational Video's with video editor | Tumkur University, Karnataka | National |
| 18. | 28/01/21 & 29/01/21 | Deep Learning for Image Processing Applications | DST-SERB sponsored, Pondicherry University, Puducherry | National |
| 19. | 12.2.21 | Python with Django | RAYAT SHIKSHAN SANSTHA'S KARMAVEER BHAURAO PATIL COLLEGE, VASHI | National |
| 20. | 3.5.21 to 4.5.21 | Creating Interactive E-Content | Universal Teacher Academy | National |
| 21. | 14.6.21 to 18.6.21 | CREATING INTERACTIVE E-ASSESSMENT TOOLS | Universal Teachers Academy | International |
| 22. | 21.6 21 to 22.6.21 | INTELLECTUAL PROPERTY RIGHTS | Tamil Nadu State Council for Science | National |

STTP:

| S.NO | DATE | TITLE | INSTITUTION | NATIONAL/ INTERNATIONAL |
|------|---------------------|---|--|----------------------------|
| 1. | 10.3.21 to 17.3.21. | MATLAB | MHRD BU RUSA Phase II BEICH, Bharathiyar University. | |
| 2. | 3.5.21 to 8.5.21 | Big Data Analytics using Soft Computing Tools | AICTE sponsored, MCKV Institute of Engineering | |
| 3. | 7.6.21 to 19.6.21 | FULL STACK AI AND DEEP LEARNING PACTITIONER | KL college of Engineering | National |

| | | APPROACH | | |
|----|-----------------------|---|---|---------------|
| 4. | 2.8.21 to 6.8.21 | ADVANCED APPLICATIONS IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | Mitra Mandal's College of Engineering, Pune | International |
| 5. | 16.8.21 to 21.8.21 | NEXT GENERATION WIRELESS TECHNOLOGIES :5G AND BEYOND | AICTE Sponsored, Indo Global College of Engineering, Chandigarh | |
| 6. | 16.8.21 to 22.8.21 | Google Apps from Scratch | Christopher Arts and Science College (Women) | National |
| 7. | 13.9.21 to 25.9.21 | Computational Techniques & Applications in Bioinformatics | MVSR Engineering College, Hyderabad, Telangana | International |

Seminars:

| S.NO | DATE | TITLE | INSTITUTION | NATIONAL/ INTERNATIONAL |
|------|----------|--|---|----------------------------|
| 1. | Sep 2015 | RESEARCH ISSUES IN COMPUTER AND COMMUNICATION NETWORKS | MEPCO Engineering College, Sivakasi | National |
| 2. | Feb 2017 | RESEARCH PROCESS EASIER,EFFECTIVE AND FOR A QUALITATIVE RESEARCH | G.T.N. Arts College | International |
| 3. | 19.8.18 | MATLAB | St.Antony's College of Arts and Science for Women, Dindigul | State Level |
| 4. | 25.9.18 | CONTEMPORARY PROGRESS IN NETWORK SECURITY | Fatima College, Madurai | National |
| 5. | 27.10.18 | SCHOLARLY COMMUNICATION FACETS AND RESEARCH WRITING | G.T.N.Arts College, Dindigul | National |

Webinar:

| S.NO | DATE | TITLE | INSTITUTION | NATIONAL/INTE |
|------|------|-------|-------------|---------------|
|------|------|-------|-------------|---------------|

| | | | | RNATIONAL |
|------------|------------------------|---|---|------------------|
| 1. | 18.5.20 to 20.5.20. | FUTURE TECH 2020 | ICT ACADEMY | |
| 2. | 25.5.20 to 29.5.20 | ACCELERATING INDUSTRY 4.0 - A POST COVID PARADIGM | ICT ACADEMY | |
| 3. | 28.5.20, 29.5.20 | Introduction to AI and ML, Network traffic and flow analysis | Karpagam Academy of Higher Education,Coimbatore | |
| 4. | 12.6.20 | Building a Sustainable Future | ICT ACADEMY | |
| 5. | 27.7.20 | ICT initiatives of MHRD for online learning | G.T.N. arts college | |
| 6. | 28.7.20 | TensorFlow 2.0 | Vidyavardhaka College of Engineering | |
| 7. | 17.8.20 | MATLAB & Simulink Fundamentals | SND College of Engineering & Research Center. | |
| 8. | 12.4.21 | Cloud Computing with Microsoft Azure | Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Poovanthi | International |
| 9. | 22.5.2021 | Hands on Training on Statistics using R Programming | KPR Institute of Engineering and Technology | |
| 10. | 31.5.21 | PATENT DFARTING SKILLS FOR RESEARCHERS AND ACADEMICIANS | G.T.N. Arts College, Dindigul | National |
| 11. | 29.10.21 | Top Technology Trends and Oppertunities | G.T.N. Arts College, Dindigul | International |

FDP:

| S.NO | DATE | TITLE | INSTITUTION | NATIONAL/ INTERNATIONAL |
|-------------|-------------------|---|----------------------------------|------------------------------------|
| 1. | February 2017. | EMERGING TRENDS IN ACCESSING ELECTRONIC RESOURCES | G.T.N. Arts College, Dindigul | |
| 2. | Oct 18. | INTRODUCTION TO INTERNET OF THINGS | AICTE(Nptel) | |

| | | | | |
|-----|----------------------|--|--|---------------|
| 3. | Apr 19 | DISCRETE MATHEMATICS | AICTE(Nptel) | |
| 4. | Apr 19. | SOCIAL NETWORK | AICTE(Nptel) | |
| 5. | Sep19 | THEORY OF COMPUTATION | AICTE(Nptel) | |
| 6. | Nov-19. | ETHICAL HACKING | AICTE(Nptel) | |
| 7. | | PYTHON 3.4.3 | Hindusthan College of Arts & Science | |
| 8. | 7.5.20 to 13.5.20 | NETWORKING ESSENTIALS | ICT Academy | |
| 9. | 14.5.20 to 15.5.20 | SOFTWARE PROJECT MANAGEMENT USING ARTIFICIAL INTELLIGENCE | The American College, Madurai | |
| 10. | 1.6.20 to 5.6.20 | ICT BASED TEACHING AND LEARNING PROCESS | Hindusthan College for Arts and Science, Coimbatore | National |
| 11. | 1.6.20 to 4.6.20 | MACHINE LEARNING AND DEEP LEARNING TECHNIQUES & ITS APPLICATIONS | PSNA College of Engineering and Technology | |
| 12. | 18.6.20 to 24.6.20. | CYBERSECURITY ESSENTIALS | ICT academy | |
| 13. | 23.06.20 to 29.06.20 | PROGRAMMING IN R | Spoken Tutorial, IIT Bombay, MHRD, M.V.Muthiah Government Arts College | |
| 14. | 26.6.20 | E-GOVERNANCE CULTURE: TRANSFORMATION IN HIGHER EDUCATION STAKEHOLDERS UX | Hindusthan College of Arts and Science, Coimbatore | International |
| 15. | 1.7.20 to 8.7.20 | LEARNING MANAGEMENT SYSTEM & E-CONTENT DEVELOPMENT TOOLS | Hindusthan College of Arts and Science, Coimbatore, Tamilnadu. | National |
| 16. | 13.7.20 to | ICT IN TEACHING & | UGC (Paramarsh), | |

| | | | | |
|-----|----------------------|---|--|---------------|
| | 18.7.20 | EVALUATION | MSP Mandal's Shri Shivaji College, Parbhani (Maharashtra) | |
| 17. | 22.3.20 to 26.3.20 | Medical Image Processing using Artificial Intelligence | Easwari Engineering College, Chennai | National |
| 18. | 15.7.20 to 21.7.20 | E-CONTENTS AND ICT TOOLS FOR INNOVATIVE AND EFFECTIVE TEACHING | KS Jain Institute of Engineering and Technology, Ghaziabad | National |
| 19. | 03.08.20 to 07.08.20 | Operating System-A Step into Problem Solving for NET/SET | St. Antony's College of Arts and Sciences for Women, Dindigul | International |
| 20. | 8.8.20 to 14.8.20 | E-Contents and ICT Tools for Innovative and Effective Teaching & Learning Process | Roorkee college of Management & Computer Applications, Roorkee | National |
| 21. | 10.8.20 to 14.8.20 | Data Analytics using R | VVCE, Mysuru | |
| 22. | 16.8.20 to 18.8.20 | MATLAB | Dr. Y.C. JAMES YEN GOVERNMENT POLYTECHNIC, Kuppam, Chittoor | |
| 23. | 17.8.20 to 19.8.20 | MATLAB AND ITS APPLICATION | Bishop Cotton Women's Christian College, Bengaluru | National |
| 24. | 14.9.20 to 19.9.20 | Artificial Intelligence using Python | Brainovision Solutions India Pvt.Ltd with National Youth Council | |
| 25. | 21.9.20 to 26.9.20 | Introduction to Angular JS | ICT Academy | |
| 26. | 22.2.21 to 26.2.21 | Medical Image Processing using Artificial Intelligence | Easwari Engineering College | National |
| 27. | 8.3.21 to 13.3.21 | Android Development with Kotlin | ICT Academy | |

| | | | | |
|-----|----------------------|--|--|---------------|
| 28. | 3.4.21 | Introduction to Python Programming | ICT Academy | |
| 29. | 26.4.21 to 30.4.21 | Delivering High Impact Presentation | ICT Academy | |
| 30. | 26.4.21 to 1.5.21 | Research Methodology | Amar Sewa Mandal's kamla Nehru Mahavidyalaya, Nagpur | National |
| 31. | 12.5.21 to 15.5.21 | REVISED NAAC ACCREDITATION FRAMEWORK PERCEPTIONS | G.T.N.Arts College | National |
| 32. | 17.05.21 to 5.6.2021 | RESEARCH PERSPECTIVES OF AI,ML,DATASCIENCE & IOT | KL college of Engineering, Andra Pradesh | International |
| 33. | 23.6.21 to 28.6.21 | Artificial Intelligence and Neural Networks | MSAJCE, Chennai | |
| 34. | 5.7.21 to 16.7.21 | DATA SCIENCE(2 Weeks) | E&ICT ACADEMY, IIT KANPUR | |
| 35. | 26.7.21 to 31.7.21 | ADVANCE CYBER SECURITY AND FORENSICS | E&ICT ACADEMY, IIT KANPUR | |
| 36. | 15.11.21 to 19.11.21 | Data Science Using Python | AICTE Training And Learning (ATAL) Academy | |
| 37. | 29.11.21 to 3.12.21 | DataScience: Tools and Techniques | AICTE Training And Learning (ATAL) Academy | |
| 38. | 13.12.21 to 17.12.21 | Advanced Data Science and its Applications | AICTE Training And Learning (ATAL) Academy | |

SUBJECT HANDLED:

- Data Structure & Algorithms
- Operating System
- Digital Computer Architecture
- Biometrics
- Computer Networks, Cryptography
- Database Management System
- C, C++, JAVA ,VB,ORACLE,PHP
- Computer Graphics

ADDITIONAL QUALIFICATION:

- Hindi (Madhyama)
- Typewriting : Both English and Tamil(Senior Grade)
- Tailoring and Glass Painting
- Pranic Healer

WEBINAR ORGANIZED:

- I Organized a Webinar on the topic "Creating Super Power Thought Process" on 23.5.2020.
- I Organized a International Webinar on the topic "Purpose of life and living. Do we actually live or exist?" on 19.7.20.

PAPER SETTERS / EXAMINERSHIP IN OTHER INSTITUTIONS:

- The Gandhigram Rural Institute(2015)-Paper Setter
- Sri Krishna Arts and Science College, Coimbatore(2017)-Paper Setter
- The Standard Fireworks Rajaratnam College for Women, Sivakasi(2018)-Paper setter
- E.M.G.Yadava Women's College, Madurai(2018)-Paper setter.

ROLL PLAYED IN GTN COLLEGE:

I am part of the following committee:

- Discipline Committee Member
- Career Guidance/Placement cell Member
- Online Courses(swayam/MOOCs)-Co-coordinator
- Value Added Course - Coordinator
- Innovation Activity Coordinator
- Served as a Co-Convener in the UGC-Student Induction Program(SIP)

PERSONAL DETAILS:

- Name : Mrs.S.Vijayalakshmi
- Father's Name : Thiru.P.C.Sevugarathinam
- Date of Birth : 21-05-1979
- Nationality, Religion, Caste : Indian, Hindu, Sanar(BC)
- Marital Status : Married
- Spouse Name : Mr. N.Saravanakumar
- Address : S.no:674/2, Plot No:IIIA, Hani nest,
Rajiv Nagar, Balakrishnapuram, Dindigul
- Mobile No. : 8344538715
- E-Mail Id. : haninest060@gmail.com
- Aadhar Number : 8674 9505 0347

S.VIJAYALAKSHMI