# CURRICULUM VITAE

**Dr. A. VINOTH**

29A, Vinayagar Kovil 2nd Street,
Sugunapuram West, Milekal,
Coimbatore – 641008.
Tamilnadu, India.

**E-Mail: vino.asstprof@gmail.com**
**Mobile: 91-9092026062**

## Career Objective

Innovative Assistant Professor bringing proven success in implementing technology-based curriculum delivery and assessment tools. Passionate about fostering academic development and success for every student.

## Experience

| S.No | Designation | Institution Name | Duration | | Experience |
|------|-------------|------------------|----------|----|------------|
| | | | From | To | |
| 1. | Assistant Professor | St Joseph's College (Autonomous), Trichy – 2. | 12.06.2008 | 11.04.2011 | 2.10 Years |
| 2. | Assistant Professor | Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai – 62 | 23.06.2011 | 05.09.2013 | 2.3 Years |
| 3. | Assistant Professor and Head | Annai Violet Arts and Science College, Ambattur, Chennai – 53 | 01.09.2014 | 14.07.2021 | 6.10 Years |
| 4. | Assistant Professor | Sri Krishna Adithya College of Arts & Science, Coimbatore – 42. | 19.07.2021 | Till date | 0.11 Years |
| **Total Experience** | | | | | **12.11 Years** |

## ISO – 9001:2008 Certified Auditor, Metro Consulting – Chennai

## Nodal Officer

- National Institute of Ranking Framework (NIRF)
- National Testing Agency (NTA)
- Unnat Bharat Abhiyan 2.0(UBA 2.0)

## Roles and Responsibilities other than Academics @ Annai Violet Arts and Science College

- Campus Management System (CMS) – Coordinator
- College Website Maintenance
- Online Classes & LMS Incharge
- Controller of Examination.

## Roles and Responsibilities other than Academics @ Sri Krishna Adithya College of Arts and Science

- IQAC Member
- College Website - Department Incharge
- NAAC – Criteria 1 Department Incharge

## Projects @ Annai Violet Arts and Science College

- COE – Android Application
- COE – Automatic Classroom allocation – Ms – Excel.
- Computer Lab Electrical Equipment's Automation – IoT Application (Arduino)

## Events Organized @ Annai Violet Arts and Science College

| S.No. | Date | Event Name |
|-------|------|------------|
| 1. | 20.11.2020 & 21.11.2020 | Virtual International Conference on "Computing Technologies & Mathematical Sciences 2020" (ICCTMS 2020). |
| 2. | 12.03.2021 | Seminar on "Industrial Trends in Software Testing" |
| 3. | 27.03.2021 | Webinar on "Research - Why, What, How?" |
| 4. | 15.05.2021 | Webinar on "Machine Learning and its Applications" |
| 5. | 26.05.2021 | Webinar on "Winning at Interviews made Easy" |

## Patent Filed

**Patent Application No.:** 202141024795

**Title of the invention:** SYSTEM FOR CLOUD COMPUTING FRAMEWORK BASED ON VISUAL DATA MINING ARCHITECTURE

**Date of File:** 3rd June 2021.

## Academic Profile

| Qualification | Board /University | Institution | Year of Passing | Percentage |
|---|---|---|---|---|
| Ph.D – Computer Science | Bharathiyar University, Coimbatore | Bharathiyar University, Coimbatore. | February 2021 | Highly Commended |
| M.Phil – Computer Science | Bharathidasan University, Trichy | Jamal Mohamed College (Autonomous), Trichy. | 2009 - 2010 | 75.26 % |
| M.C.A | Bharathidasan University, Trichy | St Joseph'sCollege (Autonomous), Trichy | 2004 - 2007 | 67.84 % |
| B.Sc – Computer Science | Bharathidasan University, Trichy | St Joseph'sCollege (Autonomous), Trichy | 2001 - 2004 | 63.12 % |
| H.S.C – (Biology, Mathematics) | TN State Board | St Xavier's Hr Sec School, Purathakudi, Trichy. | 1999 - 2001 | 62.08 % |
| S.S.L.C | TN State Board | St Xavier's Hr Sec School, Purathakudi, Trichy. | 1998 - 1999 | 71.2 % |

## Thesis Title

"**Altered Fingerprint Image Matching for Accuracy Using Divide and Conquer Technique and Minutiae Matching Mechanism**".

## Resource Person / Delivered Talk

➢ A Webinar delivered on "IoT and its Applications", at Jastice Basheer Ahmed Sayed College for Women, Chennai, 12th May 2020.

➢ A Webinar delivered on "Python", at Soka Ikeda College of Arts and Science for Women, Chennai, 20th May 2020.

➢ A Webinar delivered on "IoT and its Applications", at M.M.E.S. Women's Arts andScience College, Vellore, 27th May 2020.

- ➢ A Webinar delivered on "Internet of Things (IoT)", at RB Gothi Jain College for Women, Chennai, 02nd June 2020.

- ➢ A Webinar delivered on "Big Data", at Soka Ikeda College of Arts and Science for Women, Chennai, 22nd July 2020.

- ➢ A Webinar delivered on "IoT and its Applications", at Srimad Andavan Arts and Science College, Trichy, 17th August 2021.

- ➢ A Webinar delivered on "Internet of Things", at Mahalakshmi Women's College of Arts and Science, 20th August 2021.

- ➢ A Webinar delivered on "Java and Data Structure", Mar Gregorios College, Chennai, 26th August 2021.

- ➢ A Webinar delivered on "IoT and its Applications", at Vels Institute of Science, Technology and Advanced Studies (VISTAS), Pallavaram, Chennai, 31st January 2022.

## Personal Skills

- Positive Attitude, Willingness To Learn And Enthusiastic In Teamwork
- Committed Towards Work
- Dedication Towards Hard Working Ability

## Technical Skills

- ❖ **Specialization**      : Core Java, J2EE, Python

- ❖ **Languages**      : C, C++, VB, VB.NET

- ❖ **DBMS Packages**      : Oracle, MySQL

- ❖ **Operating Systems**   : Windows 2007,2010

- ❖ **Web Designing**      : HTML, XML

- ❖ **Office Package**      : Ms – Office 2007,2010,2016

## Interested Fields

- Programming.

- Image Processing, Biometrics Security.

- Internet of Things (IoT).

## Seminar @ National Level

1. **"Fingerprint Classification and Authentication using Minutiae Matching"** in RTCS 2015

   atAnnai Violet Arts and Science College, Chennai on 13th February 2015.

## Conference @ National Level

1. "**Biometric Solutions for ATM's In India for Rural Depositors**" in ETIC 2011 atPrathyusha Institute of Technology and Management, Chennai, on 15$^{th}$ and 16$^{th}$ December2011.

2. "**The Problems in Local Area Network Security and Its Resolution**" in Tech'12 atSA Engineering College, Chennai, on 21$^{st}$ January 2012.

3. "**High Level Security Analysis Among OUTGUESS, JSTEG, and F5 Algorithms**" at Bethlahem Institute of Engineering, Kannyakumari.

4. "**Analysis of the 4G Technologic Requirements and Key Technology**" in IWAY12 at Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, on 22$^{nd}$ August 2012.

5. "**Performance Impact of Web Services in SOA**" in National Conference on Networking and Computing Technologies NCONNECT 2012 at Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai, on 10th August 2012.

## Conference @ International Level

1. "**Cryptography Using Ultra Data Security Algorithm**" in ICCIIT at Info Instituteof Engineering, Coimbatore, on 2$^{nd}$ and 3$^{rd}$ March 2012 .

2. "**Enhancement of Bug Tracking Process in Software Engineering**" in ICCIIT at InfoInstitute of Engineering, Coimbatore, on 2$^{nd}$ and 3$^{rd}$ March 2012.

3. "**A Survey on Altered Fingerprint Recognition and Verification**" in ICETER2015 atVels University, Chennai, on 24$^{th}$ and 25$^{th}$ April 2015.

## Journal Publication @ International Level

1. "**Biometric Solutions for ATM's In India for Rural Depositors**" at **CiiT** (Coimbatore Institute of Information Technology).

2. "**Analysis of the 4G Technologic Requirements and Key Technology**" at **IJCA** (International Journal of Computer Applications) **Impact Factor 0.86.**

3. "**A Pixel Based Signature Authentication System**" at **IJITEE** (International Journal of Innovative Technology and Exploring Engineering) **Impact Factor 1.00. ISSN: 2278 – 3075, Volume – 2, Issue – 6, May 2013.**

4. "**An Analysis of Altered Fingerprint Detection, Recognition and Verification**" at **IJCSMC** (International Journal of Computer Science and Mobile Computing). **ISSN: 2320 – 088X, Volume – 5, Issus – 1, January 2016.**

5. **"Programmed Fingerprint Identification: Using Minutiae Matching Procedure for Fingerprint Database" at IJSTA** (International Journal of Scientific and Technical Advancements)**. ISSN: 2454-1532, Volume – 2, Issue – 2, pp. 117-120, April 2016.**

6. **"Accuracy Fingerprint Matching For Altered Fingerprint Using Divide And Conquer And Minutiae Matching Mechanism" at ARPN Journal of Engineering and Applied Sciences. ISSN: 1819 – 6608, Volume 11, No. 21, November 2016.** [Scopus Indexed].

7. **Vinoth A and Dr. S. Saravanakumar "Region based Minutiae Mass Measure for Efficient Finger Print Forgery Detection in Health Care System" at IJRTE (**International Journal of Recent Technology and Engineering)**. ISSN: 2277 – 3878, Volume 7, Issue – 4S2, December 2018.** [Scopus Indexed].

8. **Vinoth A and Dr. S. Saravanakumar "Inter Region Minutiae Transitive Measure Based Finger Print Analysis for Forgery Detection in Health Care Systems" at IJPHRD (**Indian Journal of Public Health Research & Development)**, DOI Number: 10.5958/0976- 5506.2018.01680.7, Volume 9, No. 11, November 2018.** [Scopus Indexed].

## Referee/Reviewer

- ➢ **Science Publication**
- ➢ **IAENG**

## Personal Profile

| | |
|---|---|
| Date of Birth | : 25th June 1984 |
| Gender | : Male |
| Marital status | : Married |
| Father's Name | : T. Anthonysamy |
| Nationality | : Indian |
| Religion | : Christian – Roman Catholic |
| Hobbies | : Reading Books, Hearing Songs |
| Languages Known | : English and Tamil (Speak, Read and Write) |
| Permanent Address | : No. 651, South Street, Mahilambadi, Purathakudi – Post Lalgudi – Tk, Trichy – Dt, Pin – 621 111. |

**Declaration:**

I hereby declare that the above-furnished information is true to best of my knowledge.

**Place: Coimbatore**
**Date :**

**A. VINOTH**