

# Mr.D.STANLEY

**Designation: ASSISTANT PROFESSOR**

**Department of Computer Applications-UG**

**The American College,**

**Tallakkulam, Madurai-625002**

**Tamilnadu.**



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## **Academic Qualifications:**

Degree	Specialisation	Institution/University	Year of Passing
Ph.D	IOT with Artificial Intelligence	Bharathiar University, Coimbatore.	Pursuing
M.Tech	Computer and Information Technology	MS University, Tirunelveli	2013
MCA	Computer Applications	MS University, Tirunelveli	2008
PGDCA (Regular)	Computer Applications	St.John's College, Palayamkottai	2003
B.Sc	Physics	St.John's College, Palayamkottai	2002

## Teaching Experience : 14 Years and 7 Months

<b>Institution</b>	<b>Designation</b>	<b>Period</b>	<b>Yrs of Experience</b>
The American College, Madurai. (Affiliated to Madurai Kamaraj University, Madurai.)	Asst. Prof, BCA Department	02.08.2021 to till date.	2 Years and 7 Months
Francis Xavier Engineering College, Tirunelveli. (Affiliated to Anna University, Chennai.)	Asst. Prof, MCA Department	15.06.2009 to 15.06.2021	12 Yrs

### Subjects Handled:

- **Advanced Data Structures and algorithms**
- **Security in Computing**
- **Data Structures using C**
- **Computer Graphics and Multimedia**
- **Service Oriented Architecture**
- **Computer Networks**
- **Problem Solving and Programming**
- **Object Oriented Programming**
- **Visual Programming**
- **Digital Imaging**
- **Software Project Management**
- **Health Care Systems**
- **Database Management Systems**
- **Web Graphics**
- **TCP/IP Protocol Suite**

## **Accomplishments:**

**Produced 100% results in Anna University Theory Examinations in the following subjects:**

- **Security in Computing**
  - **Service Oriented Architecture**
  - **Computer Graphics and Multimedia**
  - **Data Structures**
  - **Advance Data Structures and Algorithms**
  - **Problem Solving and Programming**
  - **Computer Networks**
  - **Software Project Management**
  - **Health care Systems**
- Paper entitled “**SEE BEYOND: A Perspective of Femto- photography and its culminate future**” was awarded as the “**Best paper presented**” at the *Inter National Conference on Recent advancements in Information Technology, Science and Engineering ICRAICSE 17, APC Mahalakshmi College of Women, Thoothukudi.*
- **Guided more than 100 academic projects under the guidelines of Anna University, Chennai.**

## **Certifications:**

- *NPTEL Online Certification in “Cloud computing and Distributed Systems” (8 weeks/Jan-Mar 2020) with score of 84%.*
- *“Certificate in .Net Programming” conducted by ICT Academy of Tamilnadu from 29.5.10 to 5.6.10 held at Noorul Islam University, Nagercoil.*
- *“Certification in ASP .Net, VB.Net & SQL Server” conducted by Global Software Solutions Pvt. Ltd, Palayamkottai.*

## **Area Of Interest:**

- ❖ **Cloud Computing**
- ❖ **Web Application Development**
- ❖ **Internet of Things**
- ❖ **Object Oriented Programming**
- ❖ **Security in Computing**

## Area of Research:

- **Implementation of IOT in railways to prevent animal accidents.**

## PUBLICATIONS:

### International Journals:

1. D.Stanley, S.Mahalakshmi, “Live Streaming with Receiver-Based Scalable Video over WIMAX Networks”, **International Journal of Modern Computer Science (IJMCS)**, vol.2, Issue 3, pp.21-27 June 2014.  
**ISSN: 2320-7868 (Online).**
2. D.Stanley, S.Muthukumari, A.Ramesh kumar , “ Secure process data in cloud storage using data integrity protection”, **International Journal of Advanced Research Trends in Engineering and Technology**, vol.2, Issue 5, May 2015.  
**ISSN: 2394-3777(Print), ISSN: 2394-3785(Online).**
3. D.Stanley, T.Rajalakshmi , “ Policy based authorization in cloud systems possible for Trusted Transaction Enforcement”, **International Journal of Advanced Research Trends in Engineering and Technology**, vol.2, Issue 5, May 2015. **ISSN: 2394-3777(Print), ISSN: 2394-3785(Online).**
4. D.Stanley, M.Aruna, “Placing Virtual Machines to optimize Gamer Satisfaction and Provider Net Profit”, **International Journal of Advanced Research in Biology, Ecology, Science and Technology**, vol.1, Issue 2, pp.30-35 May 2015. **ISSN: 2395-695X (Print), ISSN: 2395-695X (Online).**
5. D.Stanley, P.Rajeshwari, “Offline Signature Verification System”, **International Journal of Advanced Research in Basic Engineering, Science and Technology(IJARBEST)**, vol.4, No.11, November 2018. **ISSN: 2456-5717.**

### Papers Presented in International Conferences:

1. *Published a paper entitled “Vehicle Accident Alert System” in the International virtual conference on “Data Transformation” on 20<sup>th</sup> and 21<sup>st</sup> April 2023 organized by School of Computing Science, The American College, Madurai.*
2. *Published a paper entitled “Smart Level Crossing System using IOT” in the International virtual conference on “Data Transformation” on 20<sup>th</sup> and 21<sup>st</sup> April 2023 organized by School of Computing Science, The American College, Madurai.*
3. *Published a paper entitled “IOT based Dessert Shop Management System” in the International virtual conference on “Data Transformation” on 20<sup>th</sup> and 21<sup>st</sup> April 2023 organized by School of Computing Science, The American College, Madurai.*

4. *Published a paper entitled “Speech Emotion Recognition using Deep Learning” in the International virtual conference on “Data Transformation” on 20<sup>th</sup> and 21<sup>st</sup> April 2023 organized by School of Computing Science, The American College, Madurai.*
5. *Published a paper entitled “Smart Medicine Box ” in the International virtual conference on “In-World Technologies: Venture into Next Gen” on 25<sup>th</sup> and 26<sup>th</sup> May 2022 organized by Department of Computer Science, Computer Applications and Information Technology, Fatima College, Madurai.*
6. *Published a paper entitled “Firewall using Packet Filtering” in the International virtual conference on “In-World Technologies: Venture into Next Gen” on 25<sup>th</sup> and 26<sup>th</sup> May 2022 organized by Department of Computer Science, Computer Applications and Information Technology, Fatima College, Madurai.*
7. *Published a paper entitled “IOT Based Dessert Shop Sales Management” in the International virtual conference on “In-World Technologies: Venture into Next Gen” on 25<sup>th</sup> and 26<sup>th</sup> May 2022 organized by Department of Computer Science, Computer Applications and Information Technology, Fatima College, Madurai.*
8. *D.Stanley, S.Mahalakshmi,, “Live Streaming with Receiver-Based Scalable Video over WIMAX Networks” In Proceedings of the Inter National Conference on Engineering Applications, ICEA - 2014, Department of CSE, ECE, EEE & MCA, Sardar Raja college of engineering, Tirunelveli, 3<sup>rd</sup> April 2014.*
9. *D.Stanley, P.Jaisanthosi, “Encompassing the power of data from different clients hosted on separate virtual machines” In Proceedings of the Inter National Conference on Information ,Computation and Communications ICIC2 - 2015, Department of CSE, ECE, IT & MCA, Kalaignar Karunanithi Institute of Technology, Coimbatore, 6<sup>th</sup> and 7<sup>th</sup> March 2015.*
10. *D.Stanley, S.Muthukumari, “Secure process data in cloud storage using data integrity protection” In Proceedings of the Inter National Conference on Information Computation and Communications ICIC<sup>2</sup>- 2015, Department of CSE,ECE, IT & MCA, Kalaignar Karunanithi Institute of Technology, Coimbatore, 6<sup>th</sup> and 7<sup>th</sup> March 2015.*
11. *D.Stanley, T.Rajalakshmi, “Policy based authorization in cloud systems possible for Trusted Transaction Enforcement”, In Proceedings of the Inter National Conference on Information ,Computation and Communications ICIC<sup>2</sup> - 2015, Department of CSE, ECE, IT & MCA, Kalaignar Karunanithi Institute of Technology, Coimbatore, 6<sup>th</sup> and 7<sup>th</sup> March 2015.*

12. **D.Stanley, R.Rajkumar Kirubakaran**, “Advanced Security in Social Networks”, **In Proceedings of the Inter National Conference on Information ,Computation and Communications ICIC<sup>2</sup> - 2015, Department of CSE, ECE, IT & MCA, Kalaignar Karunanithi Institute of Technology, Coimbatore, 6<sup>th</sup> and 7<sup>th</sup> March 2015.**
13. **D.Stanley, M.Aruna**, “Placing Virtual Machines to optimize Gamer Satisfaction and Provider Net Profit”, **In Proceedings of the Inter National Conference on Recent Innovations on Engineering Technology, RIET - 15, Department of CSE, Travancore college of engineering, Kollam, 26<sup>th</sup> and 27<sup>th</sup> February 2015.**
14. **D.Stanley, G.Varatharajan**, “Reducing Deadlines of workflow in public cloud with EIPR”, **In Proceedings of the Inter National Conference on Recent trends in Information and Communication Engineering ITICE 15, Department of Information Technology, Jayaraj Annapackiam CSI College of Engineering, Nazareth, 27<sup>th</sup> March 2015.**
15. **Published a paper entitled “SEE BEYOND: A Perspective of femto-photography and its culminate future”at the Inter National Conference on Recent advancements in Information Technology, Science and Engineering ICRAICSE 17, APC Mahalakshmi College of Women, Thoothukudi, 14<sup>th</sup> and 15<sup>th</sup> December 2017.**
16. **D.Stanley, S.L Maharasi**, “Cloud Computing for railway automation ”, **In Proceedings of the AICTE sponsored Inter National Conference on Recent trends and challenges in healthcare informatics RCHI 2019, Department of computer applications, Kongu Engineering college,Erode,12<sup>th</sup> December 2019.**
17. **D.Stanley, G.Indhira**, “Cloud Computing and health services ”, **In Proceedings of the AICTE sponsored Inter National Conference on Recent trends and challenges in healthcare informatics RCHI 2019, Department of computer applications, Kongu Engineering college,Erode,12<sup>th</sup> December 2019.**

## **Papers Presented in National Conferences:**

- 18.** *Published a paper entitled “Big data in healthcare” in proceedings of the National conference on Research Quest (NCRQ '20) on 7<sup>TH</sup> March 2020 organized by Department of Computer Science, MSU Constituent college of Arts and Science, Kadayanallur.*
- 19.** *Published a paper entitled “IOT based traffic signal monitoring system” in proceedings of the National conference on Research Quest (NCRQ '20) on 7<sup>TH</sup> March 2020 organized by Department of Computer Science, MSU Constituent college of Arts and Science, Kadayanallur.*
- 20.** *Published a paper entitled “Face recognition attendance system” in proceedings of the 8th national conference on computer science and applications (NCCSA '20) on 6<sup>TH</sup> March 2020 organized by department of MCA, Mepco Schlenk Engineering College, Sivakasi.*
- 21.** *Published a paper entitled “Asset Attributes [Asset Management System]” with paper id no NC013 in fourth national conference on green technologies for power generation, communication & instrumentation (NCGPC '18) on 3<sup>rd</sup> April 2018 organized by department of ECE, St.Peter's institute of higher education & research, Chennai.*
- 22.** *Published a paper entitled “Entity/Geography Management System with Calendar control [Asset Management System]” with paper id no NC013 in fourth national conference on green technologies for power generation, communication & instrumentation (NCGPC '18) on 3<sup>rd</sup> April 2018 organized by department of ECE, St.Peter's institute of higher education & research, Chennai.*
- 23.** *Published a paper entitled “Loan, interest, repayment [Asset Management System]” with paper id no NC006 in fourth national conference on green technologies for power generation, communication & instrumentation (NCGPC '18) on 3<sup>rd</sup> April 2018 organized by department of ECE, St.Peter's institute of higher education & research, Chennai.*

24. **D.Stanley, S.Uma Sankari**, “*A Study of Visualization beyond the desktop*”, In ***Proceedings of the National Conference on Advances in Intelligent Computing, Department of Computer Science and Engineering, Dr.Sivanthi Aditanar College of Engineering, Tiruchendur, 10<sup>th</sup> April 2015.***
25. **D.Stanley, P.Sankareshwari**, “*Secure Service Oriented Smart Card System*”, In ***Proceedings of the National Conference on RACCE, Department of Computer Science and Engineering, Mar Ephraem College of Engineering and Technology, Kanyakumari, 14<sup>th</sup> March 2014.***
26. **D.Stanley, S.Selvakani, A. Christin Alex**, “*A frame of IDS Utilizing Radial Basic Function*”, In ***Proceedings of the National Conference on Emerging Technologies, Anna university of Technology, Tirunelveli, May 2011.***

#### **FDP’s attended:**

1. Participated in **2 weeks faculty development program (AICTE Sponsored)** on “*Identification of cyber criminals using Cyber forensics and its tools*” from April 27, 2015 to May 10, 2015 held at Francis Xavier Engineering College, Tirunelveli.
2. Participated in a 5 days faculty development program on “*Cloud Infrastructure and Services*” conducted by **ICT Academy of Tamilnadu** from 8.12.14 to 12.12.14 held at **Francis Xavier Engineering College, Tirunelveli.**
3. Participated in a 2 day faculty development programme conducted by the **Scad group of institutions, Tirunelveli held on 28 & 29 August 2015 at Francis Xavier Engineering College, Tirunelveli.**
4. Participated in a 5 days faculty development program on “*Data Science and Big Data Analytics*” conducted by **ICT Academy of Tamilnadu** from 6.06.16 to 10.06.16 held at **Francis Xavier Engineering College, Tirunelveli.**
5. **Attended a 4 days faculty development hands on training program in “Software testing using automated tools” held at Mepco Engineering College, Sivakasi from 27<sup>th</sup> to 30<sup>th</sup> November 2017.**
6. **Completed IBM Software training under the career education program “IBM CE-Enterprise Application Development and Deployment on cloud using IBM Bluemix” held at Francis Xavier Engineering College, Tirunelveli from 19.03.18 to 22.03.18.**

7. Participated in the Online "Faculty Development Program" on ***Role of IoT, Embedded, Electric Vehicle & Power Electronic Converters for Smart World*** organized by ***St. Joseph's College of Engineering in association with IEEE Student Branch Chapter for the dates "18/05/2020 to 22/05/2020"***.
8. Participated in the ***10 Days Instructor Led Live Online Faculty Development Program On Internet of Things (IOT) Using Amazon AWS held during 07 - 16 June 2020.***
9. Completed the 5 day online short term training program on ***"Internet of Things and its applications in industry"*** jointly organized by the Department of instrumentation engineering, ***Ramrao adik institute of technology, Navi Mumbai and B&R Automation Pvt.Ltd, Pune from June 8-12,2020.***
10. Participated a One- week virtual FDP on ***"Essential Dimensions of high-quality research"*** conducted by ***VET Institute of Arts and Science, Erode*** from 24<sup>th</sup> Feb to 3<sup>rd</sup> March 2022.
11. Participated in a One Week STTP on ***"Recent Trends and Tools for Data Analytics"*** conducted by ***G.H Raisonni College of Engineering, Nagpur*** from 9<sup>th</sup> to 13<sup>th</sup> Jan 2023.

#### **Seminar/Conferences/Workshops attended:**

1. ***Attended a 1 day workshop on "Art of writing funding proposals and research articles" on 17<sup>th</sup> November 2018 at Kings Engineering college, Chennai.***
2. ***Attended a national workshop on Open Source Mobile Technologies conducted at Kongu Engineering College on 02/09/2016.***
3. ***Attended a 2 days ICMR Sponsored National Seminar -" A Computational Intelligence in the Future of Bio informatics , Forensics and Biomedical Engineering Sciences - Strategic and Innovation"*** conducted by Dept of IT, FXEC on 23/11/17 and 24/11/17.

#### **Guest Lectures and Training Given:**

1. Imparted Training on ***Fundamentals of Computers*** for the Head Constables organized by the ***Police Department, Government of Tamilnadu from 7<sup>th</sup> June 2010 to 19<sup>th</sup> June 2010.***

2. Delivered a guest lecture on *“Microsoft .Net Technology”* for *Department of Computer Applications at Sadakathullah Appa College, Tirunelveli* on 13.08.2014.
3. *Imparted a hands on training on “Software testing using Automated tools” at Francis Xavier Engineering College on 12/12/17 and 13/12/17.*
4. *Delivered a Live webinar in YouTube in the topic “Role of IOT in Smart World” on 27.06.2020.*
5. Invited as a Guest Speaker in the topic *“IoT and its Applications” organized by Department of Computer Applications, Sri Paramakalyani College, Alwarkurichi, Tirunelveli on 26.07.2020.*
6. Delivered a guest lecture on *“Internet of things: Overview and Case studies” for Department of Information Technology, Jeyaraj Annapackiam CSI College of Engineering, Nazareth.*

#### **Events Organized and Coordinated:**

- Coordinated the “Vikram Sarabhai Centenary Programme” organized by Indian Space Research Organisation, Department of Space, Govt of India held at Francis Xavier Engineering College, Tirunelveli.
- Organized and conducted a hands-on training program on *“Software testing using Automated tools” at Francis Xavier Engineering College on 12/12/17 and 13/12/17.*
- Organized the department symposium DAWN SIM’19.
- Organized the Skill training program in “PHP withCode Ignitor” for MCA students in the year 2017.
- Organized the Skill training program in “Wordpress,PHP and Android” for MCA students in the year 2019.
- Organized various club events at the department level.  
Coordinated various college level events like Graduation Day, Annual Day, Christmas Day, Pongal Day Celebrations etc.,

#### **Membership in professional bodies:**

- **Lifetime membership of “ International Society for Research and Development” (ISRD)  
(Membership ID: M4150904409)**