


<b>Name :</b> Mrs.J.Aruna Jasmine	<b>Photo</b> 
<b>Designation:</b>	AP/III
<b>Qualification :</b>	M.E,
<b>Area of Specialization :</b>	Computer Science
<b>Experience :</b>	Teaching: 7 Yrs. UG: - PG:-
	Industry : Nil
<b>No. of workshop / Conferences / FDP attended :</b>	43
<b>Publication :</b>	Journal National : Nil International : 13
	Conference National : 3 International : - 18
<b>Research Guidance : -</b>	<b>Not Yet</b>
<b>Membership:</b>	IAENG, UACEE ,IACSIT, IEFRP
<b>Achievements:</b>	<ul style="list-style-type: none"> <li>• Honoured as a “ Member of <b>Confederation of Elite Academicians of IICDC</b> “by <b>Texas Instruments ,DST , AICTE and IIM – Bangalore.</b></li> <li>• Performer of the Year (2018 – 2019) – Jeppiaar Institute of Technology</li> <li>• Produced 100% Result in Software Testing in the Year 2018 – 2019.</li> <li>• Recognized for producing consistent good result over the last three years(June 2015 – till date , Peri institute of technology)</li> <li>• Have produced 100% result in Embedded Systems - (Dec 2014 – May 2015)</li> <li>• Completed four years Sponsorship cum LEADERSHIP DEVELOPMENT PROGRAM(LDP) under Compassion International, India</li> </ul>

## AREA OF INTEREST:

- Deep Learning
- Pattern Recognition

## EDUCATION:

2019	<b>P.h.D.,</b> Registered (Disaster Management using Deep Learning & Remote Sensing) <ul style="list-style-type: none"><li>• <b>Anna University</b></li></ul>
2012-14	<b>M.E.,</b> Computer Science and Engineering <ul style="list-style-type: none"><li>• <b>Noorul Islam Centre for Higher Education , Thukalay.</b></li><li>• <b>2<sup>nd</sup> University Rank with 9.4 CGPA</b></li><li>• Received Minority Scholarship</li><li>• Thesis :Effective Mining in E-Business Analysis</li><li>• Jeppiaar Tuition Fee Weaver Scholarship Holder.</li></ul>
2008-12	<b>B.E.,</b> Computer Science and Engineering <ul style="list-style-type: none"><li>• <b>Jeppiaar Engineering College ,Anna University , Chennai.</b></li><li>• Department Topper</li><li>• <b>CGPA : 8.4</b></li><li>• Received Minority Scholarship</li></ul>
2006-08	<b>Higher Secondary</b> <ul style="list-style-type: none"><li>• <b>St.Ignatius' Convent Higher Secondary School,Tirunelveli.</b></li><li>• Maths-Computer Science</li><li>• <b>Secured 94 %</b></li></ul>
2006	<b>SSLC</b> <ul style="list-style-type: none"><li>• <b>St.Ignatius' Convent Higher Secondary School,Tirunelveli</b></li><li>• <b>Secured 92.8%</b></li></ul>

## CONFERENCE PRESENTATIONS AND PUBLICATIONS

1. Presented a paper titled "A traceability setup using digitalization of Data and Accessibility " in 3rd International IEEE Conference on Intelligent Sustainable Systems ICISS 2020 organized on Dec 3 - 5 by SCAD Institute of Technology at Palladam , India.
2. Presented a paper titled "Survey on polarity shift Handling in Sentiment Analysis" in International e- Conference on Recent Innovation in Science , Engineering and Technology, on 24<sup>th</sup> & 25<sup>th</sup> July 2020,Organized by Jeppiaar Institute of Technology , Chennai.
3. Presented a paper titled "Improvement of Creative attention of Teachers in Technology" in International e- Conference on Recent Innovation in Science , Engineering and Technology, on 24<sup>th</sup> & 25<sup>th</sup> July 2020,Organized by Jeppiaar Institute of Technology , Chennai.
4. Presented a paper titled "E- Learning – Future of Education " in International e- Conference on Recent Innovation in Science , Engineering and Technology, on 24<sup>th</sup> & 25<sup>th</sup> July 2020,Organized by Jeppiaar Institute of Technology , Chennai.

5. Presented a paper titled “**Deep Learning – A Review**“ in International e- Conference on Recent Innovation in Science , Engineering and Technology, on 24<sup>th</sup> & 25<sup>th</sup> July 2020,Organized by Jeppiaar Institute of Technology , Chennai.
6. Presented a paper titled “**Traceability system using Digitization of data and Accessibility** “ in International e-Conference on Information, Communication and Networking, on 10<sup>th</sup> July 2020,Organized by SRM TRP Engineering College ,Trichy.
7. Presented a paper titled “**Home Automation compatible with Differently Abled and Less Power Consumption** “ in International Virtual Conference Artificial Intelligence on IoT and power Grid Networks, on 10<sup>th</sup> July 2020,Organized by SRM TRP Engineering College ,Trichy.
8. Presented a paper titled “**A proficient and adaptable identification of truth in web-based social Networking Utilizing Enormous Information** “ in International e-Conference on Green Technologies for Power Generation ,Communication and Healthcare, on 6<sup>th</sup> June 2020,Organized by St.Peters Institute of Higher Education and Research,Chennai.
9. Presented the paper titled “**Prediction of crop yield using supervised learning techniques** ” in International Conference on Intelligent Systems and Control,Karpaga Vinayaga College of Engineering , January 2020 and published paper in conference proceedings.
10. Presented the paper titled “**Prediction of Rainfall Induced Landslide susceptibility Analysis using Neural Network** ” in International Conference on Infomatics,Robotics,Construction and Communication,Peri Institute of Technology , February 2020 and published paper in conference proceedings.
11. Presented the paper titled “**Social Media Networks owing to Disruptions for Effective Learning** ” in World Engineering Education Forum, November 2019 and published paper in conference proceedings.
12. Presented the paper titled “**Remote Sensing on Selective energy on Cloud IOT**” in International Conference on the recent trends in Aero Science Engineering & technologies. September 2019, Jeppiaar Institute of Technology and published paper in conference proceedings.
13. Presented the paper titled “**An automated Learning model for sentiment Analysis in Twitter**” in International Conference on the recent trends in Aero Science Engineering & technologies. September 2019, Jeppiaar Institute of Technology, and published paper in conference proceedings.
14. Presented the paper titled “**A segmentation and classification of skin Leissons for Disease Diagnosis**” in International Conference on the recent trends in Aero Science Engineering & technologies,Jeppiaar Institute of Technology,September 2019 and published paper in conference proceedings.
15. Presented the paper titled “**A Review on Remote Sensing on Selective energy on Cloud IOT**” in International Conference on the recent trends in Aero Science Engineering & technologies. September 2019 and published paper in conference proceedings.
16. Presented the paper titled “**Face Recognition for Efficient Attendance Management**” in International Conference on Informatics ,Robotics, Construction and Communication,Peri Institute of Technology . April 2018 and published paper in conference proceedings.

17. Presented the paper titled “**Biometric Authentication of Cloud service Provider with multiple Cloud storage system**” in International Conference on Informatics ,Robotics, Construction and Communication,Peri Institute of Technology . April 2018 and published paper in conference proceedings

18. Presented the paper titled “**Three Factor Authentication on Cloud Service Provider Invoking Biometric Authentication in Multiple Cloud Storage Systems**” in International Conference on Emerging Trends and Transformation in engineering and Technology ,Lakshiammal College of Engineering . March 2018 and published paper in conference proceedings

19. Presented the paper titled “**Efficient Mining in E-business analysis**” in 3<sup>rd</sup>International Conference on Innovative Computing organized by EC Council at Vivekanandapuram, Kanyakumari. Feb 2014 and published paper in conference proceedings.

20. Presented a paper titled “**Mining Frequent Itemsets Using Fast Distributed Mining Algorithm in E-Business Domain**” in the national conference, at Arunachala College of Engineering. Feb 2014 and published paper in conference proceedings.

21. Presented a paper titled “**Review of Efficient Mining in E-Business Analysis** “in International Conference at Noorul Islam University. Feb 2014 and published paper in conference proceedings.

**BOOKS:**

S.NO	TITLE	AUTHOR	EDITION	VOLUME	BOOK DESCRIPTION	ISBN
1	Software Testing	Ms.J.Aruna Jasmine .Ms.Sonia Jenifer Rayen	1	1	This book gives a detailed idea on 2017 regulation software Testing, Anna University Syllabus	978-93-5406-876-8
2	Fundamentals of Data Structures	Ms.J.Aruna Jasmine .Ms.Sonia Jenifer Rayen	1	1	This book gives a detailed idea on 2017 regulation Fundamentals of Data Structures, Anna University Syllabus	978-93-5406-790-7

**BOOK CHAPTERS:**

1.S.Susila Sakthy ,J.Aruna Jasmine,T.P.Rani,M.Nithya Published chapter "Green Internet of things-A Study" in Recent Trends in Engineering and Technology, ISBN:9788194714999

**FDP’S and Workshops:**

1. Attended Atal FDP on "Artificial Intelligence" from 2020-12-7 to 2020-12-11 at Sri Sairam Engineering College.
2. Attended Atal FDP on "Internet of Things (IoT)" from 2021-2-1 to 2021-2-5 at Mizoram University.
- 3.Attended Atal FDP on "Internet of Things (IoT)" from 2020-11- 30 to 2020-12-4 at Sri Sairam Engineering College.
4. Attended Atal FDP on "Artificial Intelligence" from 2021-1-4 to 2021-1-8 at PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY.
- 5.Machine Learning and Deep learning , by Bharath Institute of Higher Technology , 3 Days(12.6.2019-14.6.2019).

- 6.FDP-Web application and Security by Jeppiaar Institute of Technology 2 Days,26.5.2020-27.5.2020.
- 7.FDP - AI and IOT on Medical Applications organized by GMR Institute of technology 1st – 3rd June 2020
- 8.FDP on Data Science using Python organized by Jeppiaar Institute of technology 18th – 23rd May 2020.
- 9.FDP on Covid -19 a Global Crisis organized by Andhra Loyola Institute of Technology 12th – 14th May 2020.
- 10.FDP on Innovative Strategies in everyday Classroom Teaching/ Learning of Languages organized by Bharathiar University on 16 th May 2020
- 11.FDP on Agent Based Intelligent Systems organized by from Sathyabama University ,Chennai , 4th - 6th May 2020.
- 12.FDP on Robotics Process Automation organized by from , Jeppiaar Institute of Technology ,Chennai , 4th - 6th May 2020.
13. one day online FDP on Machine Learning organized by ,Nandyal on Santhiram Engineering College, 2/5/2020.
14. one day online FDP on Machine Learning for beginners organized by on Spoorthy Engineering College,Hyderabad , 3rd May 2020.
- 15..Attended 3 days online Workshop on Education 4.0 organized by , Atharva Engineering College, 28th - 30th April 2020.
- 16.FDP organized by on Data Science using Python and R remotely from at Spoken Tutorial ,IIT Bombay,Easwari Engineering College, Chennai , 20.4.2020 to 30.4.2020
17. National Level workshop on Fine Tuning Research planning using Elsevier Tools :Science Direct,Scopus,Mendely by Somaya College of Science and Commerce in Collaboration with Elsevier on 25th April 2020.
- 18.AICTE sponsored Faculty Development Program on Recent Trends in Internet of things and its Research Issues” from at by MNM Jain Engineering College 6th – 19th November 2019
- 19.Hands-on FDP on Data Science by Jeppiaar Institute of Technology on 23/5/2020.
- 20.FDP on RPA and Machine Learning Techniques by Vels University on 19/5/2020.
- 21.Webinar on Cyber Security by Saveetha Engineering College on 19/5/2020.
- 22.Webinar on Guidance on active Government funding to become an Entrepreneur by Kings Engineering College on 6/6/2020.
23. Webinar on Effective Research Work Online during the pandemic situations like COVID-19 by Dayananda Sagar Arts and Science College on 18/5/2020.
24. Webinar on How to Write an Effective Research Article by Marudhar Kesari Jain College for women on 4/6/2020.
- 25.Webinar on Scope of Engineering Challenge post Covid -19 by RVS Padmavathy College of Engineering on 14/6/2020.
26. Webinar on Advance Digital Content Creation Tools for Technical Education by AISMMS College of Engineering on 31/5/2020.
27. Webinar on Environment for all forever by Kings Engineering College on 6/6/2020.
28. Webinar on Awareness on IEEE by Jeppiaar Institute of Technology on 17/5/2020.
29. Webinar on Higher Education and Employment Abroad by Jeppiaar Institute of Technology on 3/6/2020.

30. Webinar on Application of Data Analytics and Machine Learning by Jeppiaar Institute of Technology on 4/6/2020.
31. Webinar on Property Rights for Engineers by Kings Engineering College on 21/5/2020.
32. Webinar on Web Development and Application Using Angular JS by Karpaga Vinayaga College Of Engineering on 25/4/2020
33. Webinar on Machine Learning Webinar by Jeppiaar Institute of Technology on 2/5/2020.
34. Webinar on How to Publish Research Article by Sri sairam Engineering College on 12/4/2020.
35. Faculty Awareness Programme on Outcome Based Education by Singad Univerity on 12/5/2020
36. Faculty Awareness Programme on NBA by Bharathi Vijayapeeth College of Engineering on 12/5/2020
37. Attended FDP on ICT Tools by Sri Vidya Niketan College of Engineering 11/5/2020- 16/5/2020.
38. Attended 3 days online FDP on **AI and IOT on Medical Applications** organized by **GMR Institute of technology** from 1<sup>st</sup> – 3<sup>rd</sup> June 2020.
39. Attended 2 days online FDP on **Web Application security** organized by **Jeppiaar Institute of Technology** from 26<sup>th</sup> – 27<sup>th</sup> May 2020.
40. Attended 5 days online handson FDP on **Data Science using Python** organized by **Jeppiaar Institute of technology** from 18<sup>th</sup> – 23<sup>rd</sup> May 2020.
41. Attended 3 days online FDP on **Covid -19 a Global Crisis** organized by **Andhra Loyola Institute of Technology** from 12<sup>th</sup> – 14<sup>th</sup> May 2020.
42. Attended 1 day online FDP on **Innovative Strategies in everyday Classroom Teaching/ Learning of Languages** organized by **Bharathyar University** on 16<sup>th</sup> May 2020
43. Attended 3 days online FDP on **Agent Based Intelligent Systems** organized by **Sathyabama University ,Chennai** from 4<sup>th</sup> - 6<sup>th</sup> May 2020.
44. Attended 3 days online FDP on **Robotics Process Automation** organized by **Jeppiaar Institute of Technology ,Chennai** from 4<sup>th</sup> - 6<sup>th</sup> May 2020.
45. Attended an one day online FDP on **Machine Learning** organized by **Santhiram Engineering College,Nandyal** on 2<sup>nd</sup> May 2020 in collaboration with Indian Severs Hyderabad.
45. Attended an one day online FDP on **Machine Learning for beginners** organized by **Spoorthy Engineering College,Hyderabad** on 3<sup>rd</sup> May 2020 in collaboration with Indian Severs Hyderabad.
46. Attended 3 days online Workshop on **Education 4.0** organized by **Atharva Engineering College**, from 28<sup>th</sup> - 30<sup>th</sup> April 2020 .
47. .Attended 10 days FDP organized by **Spoken Tutorial ,IIT Bombay** on Data Scinece using Python and R remotely from 20.4.2020 to 30.4.2020 at **Easwari Engineering College, Chennai**.

48. Attended a National Level workshop on **Fine Tuning Research planning using Elsevier Tools :Science Direct,Scopus,Mendely** by Somaya College of Science and Commerce in Collaboration with Elsevier on 25<sup>th</sup> April 2020.

49. Attended AICTE sponsored **Faculty Development Program on Recent Trends in Internet of things and its Research Issues**” from 6<sup>th</sup> – 19<sup>th</sup> November 2019 at MNM Jain Engineering College.

50. Attended 3 Days **“Faculty Development Program on Machine Learning & Deep Learning techniques”**, Bharath Institute of Higher Education and Research, June 2019

51. Attended a one day workshop on **“MATLAB and its Applications”** conducted by the Department of Electronics and Communication Engineering, Jeppiaar Institute of Technology, September 2019.

52. Attended Seminar on **“Awareness Program on Intellectual Property Rights ”** at Jeppiaar Institute of Technology in July 2019

53. Attended 3 days FDP on **“Pedagogical Teaching and Learning Methodologies”** at Jeppiaar Institute of Technology in June 2018 (18.6.2019 – 20.6.2019).

54. Attended 1 day workshop on **“IOT and Data Analytics”** at Sands ,Sipcot IT Park in May 2018.

55. Attended Seminar on **“Exploring Patent Drafting & Filling Aspects”** at Prathyusha College of Engineering in February 2018.

56. Attended 2 days Faculty Development program on **“Grid and Cloud Computing”** at Peri Institute of Technology, April 2017.

57. Attended **National workshop** on **“Big Data”** at Noorul Islam University, Aug 2013.

58. Attended workshop on **“Image Processing through MATLAB”** at Rohini college of Engineering, August 2013.

## **JOURNALS:**

1. J.Aruna Jasmine , A traceability setup using digitalization of Data and Accessibility , IEEE Explore ,DOI : 10.1109/ICISS49785.2020.9315938.

2. J.Aruna Jasmine, Smart Bus Ticket System using QR Code in Android Application , Journal of Gujarat Research Society ,<http://gujaratresearchsociety.in/index.php/JGRS/issue/view/48>, Vol 21 , No 17 (2019).

3. J.Aruna Jasmine, Effects of Covid-19 on the Economy, International Journal of Trade & Commerce-IIARTC,ISSN- 2277-5811(Print), 2278-9065, VOL IX|Number – 1 | January – June – 2020.

4. J.Aruna Jasmine, Design and study of Monolithic DC – DC Converter for IOT Applications, JOURNAL OF CRITICAL REVIEWS ,ISSN- 2394-5125 VOL 7, ISSUE 12, 2020.

5. J.Aruna Jasmine, CROP YIELD PREDICTION WITH SUPERVISED LEARNING TECHNIQUES,Journal of Strad Research , ISSN: 0039-2049, VOLUME 7, ISSUE 7, 2020.

6. J.Aruna Jasmine, Social Media Networks owing to Disruptions for Effective Learning ,Computer Procedia, Elsevier, June 2019.
7. J.Aruna Jasmine, Design Of An Iot Based Autonomous Vehicle With The Aid Of Computer Vision, International Journal of Scientific & Engineering Research Volume 10, Issue 11, November-2019 Page 180 ISSN 2229-5518 , November 2019.
8. J.Aruna Jasmine , Deep Learning Technique for Brain Tumour Detection using Medical Image Fusion, International Journal of Innovative technology and Exploring Engineering (IJITEE) ,ISSN : 2278-3075,Volume - 8 , Issue - 9S2, July 2019.
9. J.Aruna Jasmine , Automated and Secure Monitoring System for Smart Home Application Using Internet of Things,International Journal of Scientific & Engineering Research Volume 10 , Issue 6, ISSN 2229-5518,June 2019
10. J.Aruna Jasmine , QR Code for Billing System and Location Based Service , International Journal of Science and Research , ISSN :2319-7064,Volume 4, April 2019
11. J.Aruna Jasmine , Three Factor Authentication for Cloud Service Provider Invoking Biometric Authentication and Multiple Cloud Storage System,International Journal of Trend in Research and Development , Volume 5(6), ISSN :2394 -9333 ,Nov-Dec 2018.
12. J.Aruna Jasmine ,Advanced Characteristic Analysis of Real Time Junk Occurences in Twitter , International Journal of Computer Applications Technology and Research , Volume 7 - Issue 12 , 412-415,2018 ,ISSN - 2319-8656 , November 2018
13. J.Aruna Jasmine ,Secure Android Location Tracking with Google Map API and FireBase Cloud, International Journal of Computer Engineering and Applications, Volume XII, Special www.ijcea.com ISSN 2321-3469, May 2018.