

RESUME

Dr. A.AMBETH RAJA
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OBJECTIVE

Aim to be an associate within a progressive organization that gives me scope to update my knowledge and skills in accordance with the latest trends and be part of a team that dynamically works towards growth of organization and gains satisfaction thereof.

WORK EXPERIENCE

- Working as Associate Professor, Department of Computer Applications, School of Computer Sciences, **Thiruthangal Nadar College, Affiliated by University of Madras Chennai** (From May 2012 To Till Date)
- Worked in **Veltech Ranga Sanku Arts College, Chennai**, as Assistant Professor, Department of computer science (Since June 2006 to March 2012).

EDUCATIONAL QUALIFICATIONS

S.No.	Degree	Institution Studied	Year of Passing	Class or Grade	Specialization
1	Ph.D.,	Dravidian University	March 2017	Highly Commended	Computer Science
2	M.Phil,	Bharathidasan University	2008	First Class with Distinction 83%	Computer Science
4	M.Sc	Govt Arts College	2005	First 74%	Computer Science
5	B.Sc.	Govt Arts College	2003	First Class 63%	Computer Science
6	H.Sc	Tamilndau State Board	2000	75%	Science
7	SSLC	Tamilndau State Board	1998	70%	

AWARD

2019-2021

- Received “**Maximum Paper Presentation Award** “ towards outstanding contribution in the field of Computer Science organized by Thiruthangal Nadar College, Chennai on 22/02/2020
- Received “**Outstanding Researcher Award 2020**” towards remarkable contribution in the field of Computer Science, Green Thinkerz Awards 2020 on 20/05/2020
- **Extra-ordinary achievements in Research in 2019-2020 academic years received an ESN IND- SL International Award** for an Outstanding Excellence and Remarkable accomplishments in the field of Teaching, Research and Publications in 2020 from Lingaya’s Vidyapeeth & ESN Publications.
- Received “**Best Academician Award 2021**” towards remarkable contribution in the field of Computer Science, Awarded by ESN Publication 2021 on 31/01/2021

2014-2015

- Received Cash Award from Thiruthangal Nadar College for producing rank holder & 100 % university results.

2012-2013

- Received Cash Award from Thiruthangal Nadar College for producing rank holder

Conference Committee Member

Session Chair

1. Invited as Session Chair 1st International Conference on Multidisciplinary Research and Innovation (ICMRI-2020) held on 3rd Sep – 09th Sep at Hotel Turyaa, Chennai, organized by ESN Publications, Chennai.

Publicity Chair

1. Served as Publicity Chair 1st International Conference on Multidisciplinary Research and Innovation (ICMRI-2020) held on 3rd Sep – 09th Sep at Hotel Turyaa, Chennai, organized by ESN Publications, Chennai.

Conference/ Workshop/FDP

I. Conference

a) Paper Presented

INTERNATIONAL LEVEL CONFERENCE

1. **A. Ambeth Raja, “Preventing Piracy on Relational Data Bases”**, International Conference held at Nadar Saraswathy College of Arts& Science on 7th Jan 2012.
2. **A. Ambeth Raja, “Aggregating information Based on Web services”**, International Conference held at JKK Nattraja College of Engineering and Technology on 30th July 2011.
3. **Dr.A. Ambeth Raja, “Performance of Genetic Operators for solving data structures using Matlab Tools”**, International Conference held at Thiruvallur Constitutional College of Arts & Science on 19th January 2018.
4. **Dr.A. Ambeth Raja, “An Improved Travel Package Framework Utilizing (COPE)”**, International Conference on Technology Innovation and Data Science held at Lincoln University at Malaysia on 11th and 12th Oct2019.
5. **Dr.A. Ambeth Raja, “Qualifications of Foliage Viruses in Banana House Plant Expanding Image Segmentation Performances”**, International Conference held at Thiruthangal Nadar College on March 17th 2020.
6. **Dr.A. Ambeth Raja, “Brain Dimensions Exploration of Classification Exhausting Machine Learning Algorithm”**, International Conference held at SRM Institute of Science and Technology Ramapuram Campus on June 24& 25th 2020.

NATIONAL LEVEL CONFERENCE

1. **A. Ambeth Raja, “World Wide Learning Lead over to Class Room Teaching”**, National Conference Organized by University of Cambridge on 15th Feb 2011.
2. **A. Ambeth Raja, “Approach of Proactive Tree Recovery for Overlay Multicast”**, National Conference held at Sri Ram engineering College 04th March 2010.
3. **A. Ambeth Raja, “Efficient Search in Un Structured Peer to Peer Networks Using Dynamic Search Algorithm”**, National Conference Sponsored by UGC held at Raja Serfoji College of (Autonomous) 25th Feb 2013.
4. **A. Ambeth Raja, “Efficient Search in Un Structured Peer to Peer Networks Using Dynamic Search Algorithm”**, National Conference Sponsored by UGC held at Raja Serfoji College of (Autonomous) 25th Feb 2013.
5. **A. Ambeth Raja, “Teachers Jobs Satisfaction: An Organizational Study with ref to twelve Arts & Science College at Thanjavur south tamilnadu”**, National Conference VelTech High-tech Dr.Rangarajan Sakunthala Engineering College on 26th & 27th August 2011.
6. **Dr.A. Ambeth Raja, “Multi-User Mobile Bluetooth two way text chat using Smart Phones”**, National Conference held at Bharathiyar University on 24th and 25th January 2019.

II. Workshop Attended

1. National Workshop on "Research Methodology & Ethics of Writing Research Articles", organized by Department of Computer Science D.B.Jain College Chennai - 96 on 06th March 2014.
2. National Level Workshop on "Neotric Trends in Digital Security", organized by Dr.Umayal Ramanathan College for Women, Karaikudi 630003 on 27th Feb 2016.
3. National Level Workshop on "Big Data Analytics", organized by L.N.Goverment College Autonomous, Ponneri on 04th March 2016.
4. National Level Workshop on "Big Data Analytics Hadoop and Eco System", organized by SRM Institute of Science and Technology on 09th Feb 2018.
5. National Level Workshop on "Introduction to International level Publications", organized by IQAC of M.M.E.S Women Arts & Science College on 31st Jan 2020.

III. Online-Faculty Development Program Attended- Covid-19 Lockdown Period

1. Time Series Data Analysis Using Machine Learning organized by Department of Computer Science and Applications SRM University on 24th April 2020.
2. Data Science Approach for Industry and Research organized by Vel's University (VISTAS) 2nd **May 2020.**
3. Sprinkless from Data Science organized by Shree Chandraprabhu Jain College on 06th May 2020.
4. Data Analysis and Visualization of Covid-19 Data Set Using Python organized by department CSE Association with Computational Intelligence Research Foundation (CIRF) Jerusalem College of Engineering on 7th May 2020.
5. Python for passionate Programmer's conducted by Department of CSE, SCSE, Jain Deemed to be University, Bangalore held on 10th May 2020.
6. Enhancing Research Effectiveness using Scopus, Science direct and Mendeley organized by Kurukshethra University on 01st May 2020
7. Intellectual Property Rights (IPR) and patents organized by Sri Sai Ram Institute of Technology in association with MHRD India, Held on 11th May 2020.
8. Light-Weight Protocols in Internet of Things organized by Department of Computer Science Sri Ranganathar Institute of Engineering on 13th May 2020.
9. Artificial Intelligence and its Applications organized by Department of Computer Science Shree Krishnaswamy College for women on 13th May 2020.
10. AI Applications And its Trends in Transforming Business organized by RBVRR Women's College held on 14th May 2020.
11. Deep Learning and Future Opportunities organized by Easwari Engineering College on 15th May 2020.

12. Dynamic Teaching & Learning Environment through Flip Class organized by Department of Computer Applications Vel's University VISTAS on 11th May 2020.
13. Front-end Framework: Angular organized by Sathyabama Institute of Science and Technology on 15th May 2020.
14. Recent Trends in color Image Processing organized by Patrician College of Arts & Science 11th May 2020.
15. Taking Research Forward during the Pandemic organized Loyola Institute of Frontier Energy (LIFE) held on 20th May 2020.

Board Member / Editorial Board/Reviewer in Journal

1. Editorial Board Member & Associate Editor of Journal of Technology Today-JETR Malaysia.
2. Editorial Board Member & Educational Coordinator of Journal of The Technology World- Malaysia.
3. Editorial Board Member & Educational Consultant of Journal of Engineering Technological Research (JETR) - Malaysia.
4. Editorial Board Member & Professional Coordinator of Journal of Engineering Today - Malaysia.
5. Editorial Board Member & Editor & Reviewer of Journal of Automotive Mechanical & Aerospace Engineering Research - Malaysia.

Regional Editor

1. Regional Editor of International Journal of Innovative Research in Applied Sciences and Engineering (IJIRASE)

Editorial Board

1. Editorial Board Member of Journal of Electrical, Electronics & Computer Engineering Research.
2. Editorial Board Member of Journal of Engineering Technology & Management Science.
3. **Lead Editor-** "RECENT TRENDS IN COMPUTER SCIENCE AND TECHNOLOGY" in the theme of Covid-19 and Its Impact Organized by ESN Publications ISBN 978-81-947019-4-1.

Book Chapter

1. **Dr.A. Ambeth Raja**, "Classification of Travelling Salesman Problem Using Mathematical Computation in the Chapter titled "RECENT TRENDS IN COMPUTER SCIENCE AND TECHNOLOGY" in the theme of Covid-19 and Its Impact Organized by ESN Publications ISBN 978-81-947019-6-5.

LIST OF BOOKS

1. **Dr.A. Ambeth Raja**, "Computer Organization Theory and Practice", University of Madras Revised Syllabus -ESN Publications ISBN 9788194701996.
2. **Dr.A. Ambeth Raja**," Object Oriented Programming Concepts Using C++", University of Madras Revised Syllabus- ESN Publications ISBN 9789390781256.

Scopus	4
Book Chapter Scopus Index (Springer)	2
Book Publication	2
Non Scopus	5
UGC Approved	2
Total	15

Academic Year : 2019-2020	
Springer Book Chapter → (Scopus)-2019-2020	
October -2019	
1	Dr.A. Ambeth Raja, Dr.J.Dhilipan“ An Improved Travel Package Framework Utilizing (COPE)”, Intelligent Computing and Innovation Data Science, Vol.118, October.2019, pp. 99-107, https://link.springer.com/book/10.1007/978-981-15-3284-9 Url : https://www.springer.com/gp/book/978981532849
Academic Year : 2020-2021 (Scopus)	
2	Dr.A. Ambeth Raja, Dr.J.Dhilipan“ Brain Dimension Exploration of Classification Exhausting Machine Learning Algorithm”, International Journal of High Technology, Vol.26, Issue 11, November2020, ISSN:1006-6748 pp. 956-960
Academic Year : 2019-2020 (Scopus)	
JUN 2019	
1	Dr.A. Ambeth Raja, Dr.A.Udhaya Kumar Representation Cryptography for gray Scale Reflection Using Latin Square. Journal of Advanced Research and Dynamic Control System, Vol 11, Issue 4, Page 2195, 1943-023X https://www.scimagojr.com/journalsearch.php?q=20500195215&tip=sid&clean=0
Academic Year : 2018-2019 (Scopus) Jan-2018	
1	Dr.S.Umarani, Dr.A. Ambeth Raja, “Design and extension of Planner Network with Limited P-Cycle”, International Journal of Pure and applied Mathematics. Vol 118, No.8, 2018, Page No: 333-339, 1311-8080

Academic Year : 2010-2011	
Non –Scopus Indexed	
October -2010	
1	A. Ambeth Raja, Sugumar.V, “Teacher jobs satisfaction on organizational study with ref 12 Arts & Science College at Thanjavur South Tamil Nadu”, Vol-1,2249-1864-JERM
Academic Year : 2015-2016	
Non-Scopus Indexed	
1	A.Ambeth Raja, Dr.K.Nirmala, “ A solution Concept in immune System Using Genetic Algorithm for Travelling Salesman Problem”, International Recognized Multi-disciplinary Journal, 2231-5063, Vol-IV, Issue VII
Academic Year : 2015-2016	
2	A.Ambeth Raja “Manifestation of Data Mining and Data Ware housing in E-Governance”, International Journal of Business Intelligence and Innovations, 2348-4705, Volume 1, Issue II.
3	A.Ambeth Raja, “ Performance of Genetic operators for solving Data Structures Using Matlab Tools”, Indian Stream Research Journal, 2230-7850

	Vol- V, Issue II.
4	A.Ambeth Raja, Dr.K.Nirmala,” A New Combinatorial Algorithm for effective Itinerary Planning “, International Journal of Data Mining and Knowledge Engineering, 0974-9683, Vol-7, No: 4
5	A.Ambeth Raja, Dr.K.Nirmala, “An Improved Travel Package Recommendation System (COPE)”, Weekly Science Research Journal,2321-7871,Vol-2,Issue -46

Academic Year : 2019-2020 UGC Approved Journal

1	Dr.A. Ambeth Raja, Mrs.D.Kanmani,” Forecasting Quake Using Back Propagation Algorithm”, International Journal of Research (IJR), 2236-6124, Vol-8,Issue No: 6, page no: 1552
2	Dr.A. Ambeth Raja, Mrs.J.Vasavi, “Classification of Cluster based Data Mining Using TCP Dump Data Sets”, International Journal of Research And Analytical Review (IJRAR) 2348-1269, 2349-5138, Vol-6, Issue-II.

SEMINARS / CONFERENCE – PAPER/ARTICLE PRESENTED

Area of Research

- Data Mining – Information Retrieval
- Machine Learning
- Big Data
- Cloud Computing
- IOT

Subject Specialized

- Multimedia Systems
- Object Analysis And Design
- Software Engineering
- System Software
- Programming in C
- Microprocessor and its Applications
- Visual Basic
- Data Communication And Network
- Data Mining
- Artificial Intelligence
- Python Programming

ON-LINE CERTIFICATE COURSE

Fifteen Days On-Line Certificate Course for College Professors'; **Professional Development** from 13th May to 28th May 2019.

Successfully Completed the Online-Certificate Course on **Research Methodology for Ph.D. Guides** with secured 77% Marks and achieved Grade of 'A' Remark **Excellent**

Professional & Co-Curricular Activities

- Organized various State / National /International Conference Workshops and Seminars
- Exam Coordinator (2018-2019), Department of Computer Applications, Thiruthangal Nadar College, Chennai.
- External Examiner Various Deemed Universities and Autonomous Colleges in India.
- UG & PG External Examiner in University of Madras and Question Paper Setter Various Universities and Autonomous Colleges in India.