



Dr. Alagu Karthikeyan A
Assistant Professor (Computer Science)

Contact

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Academic Qualification : M.C.A., Ph.D. B. Ed. (Special Education)

Teaching Experience : 7 Years 3 Months (as on April 2024)

Research Experience : 3 Years

Area of Specialization / Interest:
Big Data, Data Mining, Assistive Technology

Publications:

International		National		Others	
Journals	Conference	Journals	Conference	Book Chapters	Books
5	1	1	2	-	-

Achievements & Awards: 2

- University Research Fellowship (URF) in 2016 at Bharathidasan University, Tiruchirappalli
- Prime Minister Merit Scholarship from 2009 to 2012 for the wards of Ex-Service man
- Best Participant at “8th Regional Workshop on Science Writing / Journalism” jointly organized by National Council for Science and Technology Communication, Govt. of India, New Delhi, M.T.S Academy, Chennai from 27th to 31st August 2008

Events Participated (Workshop / Seminar / Conference): 24

Sl. No	Title of the Events	Date	Venue / Organized by
1	Collegium on “Inclusion Huddle: Fostering Disability Inclusion in Higher Education and Employment”	20 th – 21 st September 2019	Mumbai University, Mumbai
2	Research Collegium on “Emerging Paradigms in Disability and Social Work”	15 th February 2019	Bharathidasan University
3	One day orientation program on “Employability Skills for Differently Abled Persons”	7 th December 2018	Centre for Differently Abled Persons, Bharathidasan University
4	International Seminar on “Research Concepts in Big Data Analytics and Internet of Things”	20 th March 2018	Bharathidasan University. (Sponsored by DST-PURSE)
5	Seminar on “Cyber Security and Ethical Hacking”	1 st March 2018	Bharathidasan University, (Sponsored by DST-PURSE)
6	International workshop on “Data Science Open Source Languages (DSOSL 2017)”	4 th – 6 th January 2017	Bharathidasan University, Tiruchirappalli
7	8 days National level workshop on “Modernization in Bioinformatics and Big Data (MIBAB-16)”	19 th to 26 th December 2016	Anna University, BIT Campus, Tiruchirappalli
8	National workshop on “Text Analytics (NWT A-2016)”	9 th & 10 th December 2016	Pondicherry University, Karaikal Campus, Karaikal
9	National seminar on “Cloud Computing and Services (CLOSER 2016)”	31 st August 2016	Bharathidasan University associated with CSI, Tiruchirappalli
10	“Awareness session on Intellectual Property (IP)”	26 th April 2016	Bishop Heber College, Trichy

11	Seminar on “Importance Statistical Design & Experiments in Computational Research”	23 rd February 2016	Bharathidasan University
12	National seminar on “Recent Trends in Computer Science”	3 rd February 2016	Bharathidasan University
13	National level workshop on “Hadoop Framework and Cloud Computing”	7 th November 2015	Kongu Engineering College, Perundurai, Erode
14	State level workshop on “Data Mining using WEKA Tool”	12 th September 2015	Bharathidasan University Constituent College for Women, Orathanadu and BUTP, Tiruchirappalli
15	International workshop on “Image Processing Research with Matlab”	31 st July and 1 st August 2015	CSI – Tiruchirappalli
16	National workshop on ‘Right to Education’ with special reference to education of person with Disabilities	10 th March 2015	Centre for Differently Abled Persons (CDAP), Bharathidasan University
17	Hands on workshop on “Big Data Analytics Tools”	19 th – 20 th September 2014	Kongu Engineering College, Perundurai, Erode
18	National workshop on “Resources and Technologies for Scholarly Information”	12 th August 2014	Department of Library and Information Science, Bharathidasan University
19	TEQIP sponsored three-day workshop on “Tools and Technologies for Cloud Computing and Big Data”	5 th to 7 th May 2014	Department of Information Technology, Thiagarajar College of Engineering, Madurai
20	National workshop on “Research issues in Big Data Analytics”	27 th March 2014	Computer Society of India (CSI), Tiruchirappalli
21	Training workshop on examination procedures under SUITS	18 th February 2014	IECD, Bharathidasan University
22	Workshop on “Data Analysis using SPSS’22”	6 th January 2014	Economics & Statistics Department of Bharathidasan University
23	UGC sponsored National Seminar on “Recent Trends in Information Technology”	25 th February 2012	Bharathidasan University
24	International Seminar on “Research in Computers: Why, What and How?”	10 th February 2012	Bharathiyar University

FDP / Training Programs: 3

Sl. No	FDP Name	Date	Conducted by
1	Enhancing Learning Outcomes through Effective Teaching organized by IQAC and UGC – HRDC	28 th November 2018	Bharathidasan University
2	Two weeks Faculty Development Programme (FDP) on ‘Advance Optimization Techniques (AOT-2017)	6 th – 15 th October 2017	Malaviya National Institute of Technology (MNIT), Jaipur under the purview of DeitY sponsored Electronics & ICT Academy
3	Five days Training programme on ‘Research Writing’ conducted by Centre for Technical Writing and Academic Writing	27 th – 31 st January 2014	Bharathidasan University

Memberships:

- Board of Studies – Member, Centre for Differently Abled Persons, Bharathidasan University
- Life Member in International Association for Engineers and the Computer Scientists (IAENG)– [Membership Number-185343]

List of Publication

- Durairaj. M & Alagu Karthikeyan. A (2018), **Text Classification Approach using Machine Learning and Rule-Based Automated Learning**. International Journal of Emerging Technology and Advanced Engineering (IJETA), E-ISSN: 2250-2459, Volume 8, Special Issue 2
- Durairaj. M & Alagu Karthikeyan. A (2018), **Modified Porter’s Algorithm for Pre-Processing Academic Feedback Data**. International Journal of Pure and Applied Mathematics (IJPAM), ISSN: 1311-8080, Volume 118, No. 18, PP:3009-3015. [UGC approved Journal List No. 23425, SCOPUS INDEXED, Google Scholar, cross ref, MathSciNET]
- Durairaj. M & Alagu Karthikeyan. A (2018), **Hybrid Classified Senti Word Analysis for Analyzing Academic Feedback Data**. International Journal of Pure and Applied Mathematics (IJPAM), ISSN: 1311-8080, Volume 118, No. 7, PP:615-621. [UGC

approved Journal List No. 23425, SCOPUS INDEXED, Google Scholar, cross ref, MathSciNET]

- Durairaj. M & Alagu Karthikeyan. A (2017), **Efficient Hybrid Machine Learning Algorithm for Text Classification**. International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169, Volume 5 Issue 6, PP: 680 – 688. SJIF: 5.837 – [UGC approved Journal List No. 49222, Indexed in Copernicus, Google scholar]
- Durairaj. M & Alagu Karthikeyan. A (2015), **A Study on Big Data Storage Tools and its Specifications**. International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562 Vol. 10 No.82. PP: 618 – 625. IF: 1.8233 – [UGC approved Journal List No. 64529, SCOPUS INDEXED, EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate, ICI, Index Copernicus IC Value 82.67]

Additional / Special Qualification if any:

- Web Development • TechCmantiX Technologies, Tiruchirappalli • January 2012
- LAMPP • Bharathidasan University Technology Park, Tiruchirappalli • October 2009
- Linux Essentials • Bharathidasan University Technology Park, Tiruchirappalli • March 2010
- Ruby on Rails • Bharathidasan University Technology Park, Tiruchirappalli • October 2010



Thanjavur