



Dr. A.NISHA JEBASEELI

Assistant Professor

Computer Science

Contact

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Academic Qualifications: M.Sc., M.Phil., M.Tech., Ph.D.

Teaching Experience: 22 Years

Research Experience: 13 Years

Additional Responsibilities

1. Head, Department of Computer Science, Bharathidasan University Constituent College, Lalgudi from the Academic year 2009 to 20-12-2023.
2. Exam Chief, Bharathidasan University Constituent College, Lalgudi, Answer Script evaluation for Bharathidasan University semester examination for the Academic year April 2020, November 2020 and April 2021.
3. Camp Officer, Bharathidasan University Constituent College, Lalgudi, for Bharathidasan University semester examination Answer Script evaluation for the Academic year November 2021.

4. DCE – Nodal Officer (Data Collection), Government Arts and Science College (Formerly Bharathidasan University Constituent College), Lalgudi, from the Academic Year 09-09-2021 to 20-12-2023.
5. Women Cell Coordinator, Bharathidasan University Constituent College, Lalgudi, from the Academic year 2019 to 20-12-2023.
6. Coordinator Police Cyber Club, Bharathidasan University Constituent College, Lalgudi, from the Academic Year 2021 to 20-12-2023.
7. Chief Superintendent, Bharathidasan University Constituent College, Lalgudi, for Bharathidasan University semester examination for the Academic year November 2013 and May 2014.

Areas of Research

Sentiment Analysis, Data Mining, Opinion Mining, Cloud Computing

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	02	03
	M.Phil.	-	-
Project	PG	30	-
	UG	10	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
31	04	Nil	04	01

Cumulative Impact Factor (as per JCR) :

h-index	:	06
i10 index	:	01
Total Citations	:	139

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1					

Ongoing Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1					

Consultancy Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1					

Patents

1. Design of a Web Application Monitoring Solution in the Azure Environment

Distinctive Achievements / Awards

1. Dr.A.P.J. Abdul Kalam Faculty Award

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 5

1. Organized one day special event on **Visualize your Desire to Create Opportunities**, conducted by Department of Computer Science, Government Arts and Science College (Formerly BDU Constituent College), Lalgudi on 01-04-2021.
2. Organized one day **Cyber Crime Awareness Program** by Police Cyber Club, Government Arts and Science College (Formerly BDU Constituent College), Lalgudi on 13-04-2022.
3. Organized one day special lecture on **Boost Your Productivity**, conducted by Department of Computer Science, Government Arts and Science College (Formerly BDU Constituent College), Lalgudi on 27-05-2022
4. Organized International Women's Day Celebrations, conducted by Women cell, Government Arts and Science College (Formerly BDU Constituent College), Lalgudi on 06-03-2020 and 08-03-2022.
5. Organized **E Quiz for C- Programming**, conducted by Department of Computer Science, Government Arts and Science College (Formerly BDU Constituent College), Lalgudi from 09-06-2020 to 10-06-2020.

Events Participated

Conferences / Seminars / Workshops: 13

1. Participated in the **"One Day International Workshop on World Class Curriculum Design for Computer Science"**, organized by Department of Computer Science & Engineering and Council for College & Curriculum Development, Bharathidasan University, Trichy on 28th July, 2017.

2. Participated in the **“Two Day Workshop on R Programming for Statistics and Data Mining”**, organized by Department of Computer Science & Department of Mathematics, Srimad Andavan Arts and Science College (Autonomous), Trichy on 27 and 28th April, 2017.
3. Participated in the **One Day State Level Seminar on “Recent Trends in IT”**, organized by Department of Computer Science, Bharathidasan University Constituent Arts and Science College, Trichy on 25th January, 2017.
4. Participated in the **State Level Seminar on “Innovative Research in Computer Science”**, organized by PG & Research Department of Computer Science, Srimad Andavan Arts and Science College (Autonomous), Trichy on 30th January, 2017.
5. Participated in the **“National Workshop on Advanced Formatting Tool LaTeX”**, organized by Department of Computer Science, Srimad Andavan Arts and Science College (Autonomous), Trichy on 05th March, 2015
6. Participated in UGC sponsored National Level Workshop on **“Soft Skills Development for Faculty Members”**, Organized by Business Administration Wing, Directorate of Distance Education, Annamalai University, on 28th and 29th March 2014.
7. Participated in a National Level workshop on **“National e-Governance Plan[NeGP] Awareness Campaign ”** conducted by Bharathidasan University, Trichy on 9th January 2012.
8. Participated in UGC sponsored National Conference on **“The Role of ICT in Higher Education: Quality, Accessibility and security”**, organized by St.Joseph’s College (Autonomous), Trichy on 29th and 30th January 2010.
9. Participated in a National Level Seminar on **“Middleware Technologies”** conducted by Department of Information Technology, Shri.Angalamman College of Engineering and Technology, Trichy on 3rd September 2010.
10. Participated in a National Level Seminar on **“Web Based Systems: Development and Applications”**, conducted by Department of Information Technology, Shri Angalamman College of Engineering and Technology, Trichy on 21st February 2009.
11. Participated in International workshop on **“Educators on Mobile Learning”** conducted by Department of Computer Science & Applications, Bishop Heber College(Autonomous), Trichy on 17th & 18th July 2007.
12. Participated in National Conference on **“Frontier Research Areas in Computing Sciences”** conducted by Department of Computer Science, Bharathidasan University, Trichy 5th & 6th Oct 2007.
13. Participated in TANSCH & UGC sponsored 3 days workshop on **“Curriculum Development & Evaluation”** at Bishop Heber College (Autonomous), Trichy, from 09th to 11th March 2006.

Other Training Programs

1. Participated in **Short Term Course in Research Methodology** organized by UGC – HRDC, Bharathidasan University, Trichy from 29-01-2020 to 04-02-2020.
2. Participated in **5 Days Online Faculty Development Program (FDP) - R Programming**, organized by Indo Global Group of Colleges, New Chandigarh in association with **IIT Bombay** Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India), from 27th April 2020 to 1st May 2020.
3. Participated in **Two weeks Refresher Course on “Teaching, Learning and Research Pedagogy for Excellence in Education”**, organized by Sri Sai Ram Institute of Technology, Chennai from 31-05-2021 to 14-06-2021.
4. Participated in the **UGC Sponsored Refresher Course in Computer Science**, organized by UGC Human Resource Development Centre, Bharathidasan University, Trichy from 13.11.2015 to 03.12.2015

5. Participated in **UGC sponsored Refresher Course in Computer Science** conducted by Academic Staff College, Bharathidasan University, Trichy from 27-01-2012 to 16-02-2012.
6. Participated in **UGC sponsored Orientation Course** conducted by Academic Staff College, Bharathidasan University, Trichy from 09-11-2010 to 16-12-2010.
7. Participated in **Faculty Development Program (FDP) on Data science**, PG & Research Department of Computer Science & Information Technology, Jamal Mohamed College (Autonomous) in association with Computer Society of India, Trichy. 18th May 2020.
8. Participated in **International Faculty Development Program - Building Partnership and Resources**, Internal Quality assurance Cell & Department of Management Studies & Corporate Secretaryship, Sri Kanyaka Parameswari Arts & Science College for Women, Chennai, 8th May 2020.
9. Participated in **Faculty Development Program (FDP) on Applications of Data Analytics Data Science**, PG & Research Department of Computer Science, National College (Autonomous), Trichy, 21-05-2020 to 22-05-2020

Overseas Exposure / Visits

Nil

Membership in

Professional Bodies Nil

Editorial Board

Advisory Board Nil

Academic Bodies (such as Board of Studies etc.,)

1. Nominated to the Member of Board of Studies in Computer Applications, Arul Anandar College (Autonomous), Karumathur, Madurai for three Academic years from 2021-2024.

Others:

1. Member - Doctoral Committee for Ph.D. Scholars, Bharathidasan University, Tiruchirappalli.

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 7

1. Delivered a Special Lecture on **Ethics and Career Opportunities**, on 09-03-2023 at PG & Research Department of Computer Science, Government Arts & Science, Lalgudi, Trichy - 621 712
2. Delivered a Special Lecture on **Mathematical Foundations for Computer Science - Introduction to Graph Theory**, on 17-12-2021 at PG & Research Department of Computer Science, Government Arts & Science, Navalurkuttapattu, Trichy.
3. Delivered a Technical Talk on **Cloud Computing**, on 17-02-2021 at PG & Research Department of Computer Science, Government Arts & Science,

Navalurkuttapattu, Trichy – 620 027.

4. Delivered a Special Lecture on **Web Technologies**, on 11-06-2020 at Dhanalakshmi Srinivasan College of Arts & Science For Women(Autonomous), Perambalur, Trichy – 621 212.
5. Delivered a special Lecture on “**Weka Tool**” at Bharathidasan University constituent College, Srirangam, Inamkulathur, Trichy
6. Delivered a special Lecture on “**Sentiment Mining**” at Arul Anandar College, Madurai.
7. Delivered a special Lecture on “**Opinion mining**” at Shrimati Indira Gandhi College, Trichy.

Others

1. Articles published in Newspapers / Magazines : Nil
2. Products developed : Nil
3. No. of PhD Thesis evaluated :
4. No. of PhD Public Viva Voce Examination conducted :

Recent Publications

International Journals:

1. Abdul Azis Fairosebanu, Antony Cruz **Nisha Jebaseeli**, “Data security in cloud environment using cryptographic mechanism”, Bulletin of Electrical Engineering and Informatics, Vol. 12, No. 1, pp. 462 - 471, February 2023, ISSN: 2302-9285, DOI:10.11591/eei.v12i1.4590. (**Scopus Indexed**).
2. A. Fairosebanu, **Dr. A. Nisha Jebaseeli**, “Enhanced Symmetric Encryption Technique for Securing Users’ Data in Public Cloud Environment”, International Journal of Computer Science and Network Security, Volume 22 No.4, pp. 785 – 791, April 2022, ISSN No.:1738-7906, (**Web of Science**).
3. A. Fairosebanu, **Dr. A. Nisha Jebaseeli**, “A New Approach for Maintaining Data Security using Cryptography in a Hybrid Cloud Environment”, Journal of Algebraic Statistics, Volume 13, No. 2, pp. 214-224, 2022, ISSN: 1309-3452, (**Web of Science**).
4. A.Vijayakumar, **Dr.A.Nisha Jebaseeli**, “Pioneer Approach Data Deduplication To Remove Redundant Data From Cloud Storage”, International Journal of Advanced Research in Engineering and Technology, Volume 11, Issue 10, pp. 535-544, October 2020, ISSN Print: 0976-6480 and ISSN Online:0976-6499, (**Scopus Indexed**).
5. S. Kasthuri and **Dr. A. Nisha Jebaseeli**, “An efficient Decision Tree Algorithm for analyzing the Twitter Sentiment Analysis”, Journal of Critical Reviews, Volume 7, Issue 04, pp. 1010 - 1018, 2020, ISSN No.:2394-5125, (**Scopus Indexed**).
6. S. Kasthuri, **Dr. A. Nisha Jebaseeli**, “An Artificial Bee Colony and Pigeon Inspired Optimization Hybrid Feature Selection Algorithm for Twitter Sentiment Analysis”, Journal of Computational and Theoretical Nanoscience, Volume 17, No.12, pp. 5378-5385, 2020, ISSN No.: 1546-1955 (Print): EISSN: 1546-1963 (Online),

(Scopus Indexed).

7. A. Fairrosebanu, Dr. **A. Nisha Jebaseeli**, "Cloud Data Security Model to Protect User Sensitive Data in Hybrid Cloud Environment", International Journal of Advanced Science and Technology, Volume 29, No.4, 2020, ISSN No.:2005 – 4238, E-ISSN: 2207-6360, **(Scopus Indexed)**.
8. S. Kasthuri and **Dr. A. Nisha Jebaseeli**, "Review Analysis of Twitter Sentimental Data", Bioscience Biotechnology Research Communications, Volume 13, No.6, pp. **209-214**, 2020, ISSN Print.: 0974-6455, Online ISSN: 2321-4007, **(Web of Science, UGC – CARE)**.
9. A.Vijayakumar and **Dr.A.Nisha Jebaseeli**, "Enhanced Token Generation for File and Block Level Deduplication for Efficient Data Storage in Public Cloud", Journal of the Maharaja Sayajirao University of Baroda, Volume 54, N0.2, pp. 175, November 2020, ISSN No.: 0025-0422, **(UGC Care Group I)**.
10. A.Vijayakumar and **Dr.A.Nisha Jebaseeli**, "Study on Data Compression in Cloud Storage", The International journal of analytical and experimental modal analysis, Volume XI, Issue VIII,, pp.426 – 433, August 2019, ISSN No.: 0886-9367, **(UGC – CARE Group II)**.
11. A.Vijayakumar and **Dr.A.Nisha Jebaseeli**, "Survey on Enhancing Cloud Storage Using Deduplication Technique", International Journal of Computer Sciences & Engineering, Volume 6, Special Issue 2, pp.169 – 171, March 2018, ISSN No.:2347 – 2693, **(UGC Approved)**.
12. R.Sharmila, A.Nisha **Jebaseeli**, "Enhancing M-Learning System Using Cloud Computing", International Journal of Computer Sciences and Engineering, Volume: 04, Issue: 01, pp. 51-55, Jan.2016, E-ISSN: 2347 -2693**(UGC Approved)**.
13. K.Sivaranjani, **A.Nisha Jebaseeli**, "Survey on Disease Diagnostic using Data Mining Techniques, International Journal of Computer Sciences and Engineering, Volume-6, Special Issue-2, pp.464-467, March 2018, E-ISSN: 2347- 2693.**(UGC Approved)**.
14. B.Senthilkumar, L.Jayasimman, **A.Nisha Jebaseeli**, "A Critical Analysis of Feedbacks in the Learning & Teaching Computer Science", International Journal of Computer Sciences and Engineering, Volume-6, Special Issue-2, pp.320 – 323, March 2018, E-ISSN:2347 – 2693 **(UGC Approved)**.
15. S. Kasthuri, **Dr. A. Nisha Jebaseeli**, Dr. L. Jayasimman, "A Robust Data Classification in Online Social Networks through Automatically Mining Query Facts", International Journal of Scientific Research in Computer Science Applications and Management Studies IJSRCSAMS, Volume 7, Issue 4, July 2018, ISSN No.:2319 – 1953, **(UGC Approved)**.
16. S.Kasthuri, Dr.L.Jayasimman, **Dr.A.Nisha Jebaseeli**, "An Opinion Mining and sentiment Analysis Techniques – A Survey", International Research Journal of Engineering and Technology, Volume: 03, Issue: 02, PP.573 – 575, Feb. 2016, E-ISSN: 2395 -0056, p-ISSN: 2395 – 0072.
17. S.Padmapriya, Dr.L.Jayasimman, **Dr.A.Nisha Jebaseeli**, "Mining Educational data using data mining techniques and algorithms –A Review", International Research Journal of Engineering and Technology, Volume:02, Issue:09, pp.282 – 286, Dec-2015, e ISSN:2395 -0056, p-ISSN:2395 – 0072.
18. Dr.L.Jayasimman, B.Senthilkumar, **Dr.A.Nisha Jebaseeli**, "The impact of web technologies on effective learning", International Research Journal of Engineering and Technology, Volume: 02, Issue: 03, pp.164 – 167, June 2015, e-ISSN: 2395 - 0056, p-ISSN: 2395 – 0072.
19. B.Senthilkumar, Dr.L.Jayasimman, **Dr.A.Nisha Jebaseeli**, M.R.Chitra Mai,

- “Animation and Computer Graphics for Effective Communication”, International Research Journal of Engineering and Technology (IRJET), Volume: 02, Issue: 02, pp.801 – 804, May 2015, e-ISSN: 2395 -0056, p-ISSN: 2395 – 0072.
20. B.Senthilkumar, Dr.L.Jayasimman, **Dr.A.Nisha Jebaseeli**, “UID Comparison of Multimedia Software”, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 4, pp.927 – 931, May 2015, ISSN: 2277 128X.
 21. B.Senthilkumar, Dr.L.Jayasimman, **Dr.A.Nisha Jebaseeli**, “Usage of Multimedia technologies to reduce stress”, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 4, pp. 559 - 562, May: 2015, ISSN: 2277 128X.
 22. Dr.L.Jayasimman, R.Vijayalakshmi, B.Senthilkumar, **Dr.A.Nisha Jebaseeli**, “Personalized Cloud Learning Environment Based On Cognition of The Learner”, International Research Journal of Engineering and Technology, Volume:02, Issue:06, pp.876-878, Sep-2015, e-ISSN: 2395 -0056, p-ISSN: 2395 – 0072.
 23. S.Padmapriya, Dr.L.Jayasimman, B.Senthilkumar, **Dr.A.Nisha Jebaseeli**, “Enhancing Web Learning System Using Cluster Algorithm Based On Cognition”, International Research Journal of Engineering and Technology, Volume:02 Issue:06, pp.313-315, Sep 2015, e-ISSN: 2395 -0056, p-ISSN: 2395 – 0072.
 24. B.Senthilkumar, Dr.L.Jayasimman, Dr.D.Nivedhitha, **Dr.A.Nisha Jebaseeli**, “A critical analysis of animation courses and its’ contents”, International Research Journal of Engineering and Technology, Volume:02, Issue:06, pp.238-240, Sep-2015, e-ISSN: 2395 -0056, p-ISSN: 2395 – 0072.
 25. B.Senthilkumar, Dr.L.Jayasimman, **Dr.A.Nisha Jebaseeli**, M.R.Chitra Mai, “A Comparative Study on Mobile Devices for Learning”, International Research Journal of Engineering and Technology, Volume: 02, Issue:03, pp.1392-1395, June-2015, e-ISSN:2395-0056, p-ISSN: 2395 – 0072.
 26. **A.Nisha Jebaseeli**, “Opinion Analysis Model for Classification of Opinions for M-Learning”, International Journal of Computer Applications, Volume 109, No.16, pp.51-54, January 2015, ISSN: 0975-8887.
 27. **A.Nisha Jebaseeli**, E. Kirubakaran, “Preprocessing Technique for Classification of M-Learning Reviews using Soft Computing Approach”, International Journal of Artificial Intelligent Systems and Machine Learning, Volume 5, Number 5, pp. 199-203, June 2013, ISSN: 0974-9667(Print) | ISSN: 0974-9543(Online).
 28. **A.Nisha Jebaseeli**, E. Kirubakaran, “Neural Network Classification Algorithm with M-Learning Reviews to Improve the Classification Accuracy”, International Journal of Computer Applications, Volume 71, Number 23, pp. 28-31, June 2013, ISSN: 0975-8887.
 29. **A.Nisha Jebaseeli**, E. Kirubakaran, “Genetic Optimized Neural Network Algorithm to Improve Classification Accuracy for Opinion Mining of M-Learning Reviews”, International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 2, Issue 3, June 2013, ISSN 2278-6856.
 30. **A.Nisha Jebaseeli**, E.Kirubakaran, “M-Learning Sentiment Analysis with Data Mining Techniques”, International Journal of Computer Science and Telecommunications, Volume 3, Issue 8, pp. 45-48, August 2012, ISSN: 2047-3338.
 31. **A. Nisha Jebaseeli** and E.Kirubakaran, “Opinion Mining of M-Learning Reviews using Soft Computing Techniques”, International Journal of Computer Applications, Volume 54, Number 15, pp. 44-48, September 2012, ISSN: 0975-8887.
 32. **A.Nisha Jebaseeli**, E. Kirubakaran, “A Survey on Sentiment Analysis of (Product) Reviews”, International Journal of Computer Applications, Volume 47, Number 11, pp. 36-39, June 2012, ISSN: 0975-8887.

33. **A.Nisha Jebaseeli**, E.Kirubakaran, "Sentiment Mining for M - Learning System", International Journal of Computer Science and Technology, Volume 2, Issue 4, pp. 231-233, December 2011, ISSN: 0976-8491(Online) | ISSN: 2229-4333(Print).
34. L.Jayasimman, **A.Nisha Jebaseeli**, E.George Dharma Prakash Raj, "Dynamic User interface Based on Cognitive Approach in Web-Based Learning", International Journal of Computer Science Issues, Vol. 8, Issue 4, July 2011, ISSN (Online) 1694-0814.

International Conferences:

1. Presented a paper entitled on "Security Challenges at the Integration of the Internet of Things and Cloud Computing", International Conference on Cloud Computing – Emerging Trends and Technologies, Shrimati Indira Gandhi College, Trichy, from 10-03-2023 to 11-03-2023,
2. Presented a paper entitled on "Impact of Machine Learning Algorithms in Sentiment Analysis", International Conference on Data Transformation – ICDT'23, organized by School of Computer Science, The American College, Madurai, 20-04-2023 to 21-04-2023
3. Presented a paper entitled on "Social Network Analysis in Data Processing", Two Day International Conference on Research Technology of Embedded System in Computer Science, organized by PG & Research Department of Computer Science, Idhaya College for Women, Kumbakonam, from 03-02-2020 to 04-02-2020.
4. Presented a paper entitled on "A Survey on Layer Wise Issues and Challenges in Cloud Security", **IEEE Xplore**: 19 October 2017, **DOI**: 10.1109/WCCCT.2016.49, 2016 World Congress on Computing and Communication Technologies.

Book:

1. Dr.A.Nisha Jebaseeli, Dr.P.D.Sheba, Dr.E.George, Dr.R.Jemmima, Dr.L.Jayasimman, "Python Programming for Beginners", Alpha International Publication, ISBN: 9789357624985
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