


Faculty Profile

Name of Faculty	Jalaja G.	
Department	Computer Science and Engineering	
Qualification	B.E., MTech (CSE), (PhD, VTU)	
Designation	Associate Professor	
Area of specialization	Text Mining, Operating Systems, Microprocessor	
Date of Joining BNMIT	07.08.2006	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
Mobile Number	9019431845	
e-mail	jalajag@bnmit.in jalaja_ss@yahoo.co.in	
No. of years of Experience	Teaching:17.7 years	

Academic Qualifications

- **(Ph.D., VTU)**, Department of Computer Science and Engg. GAT, India.
- **M.Tech.** (2004), Department of Computer Science and Engineering, Dr. A.I.T, India (FCD).
- **B.E.** (2000), Department of Computer Science and Engineering, UBDTCE, India (FCD).

Working Experience Details

- Associate Professor, Dept. of Computer Science and Engineering, BNMIT, Bangalore, India, (2012 – Till date).
- Asst. Professor, Dept. of Computer Science and Engineering, BNMIT, Bangalore, India, (2008 –2012).
- Sr. Lecturer, Dept. of Computer Science and Engineering, BNMIT, Bangalore, India, (2006 –2008).
- Lecturer (Regular), Dept. of Information Science and Engineering, Dr.A.I.T, Bangalore, India, (2002–2006).
- Lecturer (Part-Time), Dept. of Computer Science and Engineering, Dr.A.I.T, Bangalore, India, (2001–2002).

Subject taught

Discrete Mathematical Structure, Microprocessor, Logic Design, Advanced Microprocessor, Advanced Computer Architecture, Operating Systems, Object Oriented Analysis and Design, Graph Theory, Analog and Digital Electronics, Object Oriented Modeling and Design, Advances in Operating Systems, Advanced Computer Networks, Agile Technology, Computer Concepts and C- Programming, Design and Analysis of Algorithms, Big Data Analytics.

Ph.D:

The objective of this research proposal is to create a robust system to extract knowledge from unstructured data. To fulfill this goal, it is proposed to derive a novel method for similarity measures between data objects, particularly text documents, defining new clustering criterion functions and designing their respective efficient clustering algorithms. As the text mining involves a significant language component, it is also proposed to develop an efficient text refining algorithms that process multilingual text documents and produce language independent intermediate forms such as documents or concepts.

Academic Positions and other Responsibilities (Institute Level):

1. Exam Coordinator, BNMIT (2007-08)
2. **Deputy Chief Superintendent** (External) at RRCE, Bangalore, for the conduction of B.E. examinations of VTU, Belgaum.

Professional Memberships:

- Life Member, Indian Society for Technical Education (**ISTE**).

Research Publications:

1. Reviewing the Pathway of Text-Mining Approaches to Gauge the Applicability in Data Analysis, Jalaja G, Dr. Udaya Kumar Reddy K.R., International Journal of Computer Applications (0975 – 8887) Volume 125- No.3, September 2015.
2. RKE-CP: Response-based Knowledge Extraction from Collaborative Platform of Text-based Communication, Jalaja G., Dr. Kavitha C., International Journal of Advanced Computer Science and Applications, Vol. 8, No. 5, ISSN: 2088-8708, May 2017.

I. In National & International Journals

International Journals:

1. Levenshtein Distance based Information Retrieval Veena G, Jalaja G , BNM Institute of Technology, Visvesvaraya Technological University International Journal of Scientific & Engineering Research, Volume 6, Issue 5, May-2015 112 ISSN 2229-5518.
2. Access Point Handover for Network Coverage based Wi-Fi Advisory System, Akhila V., Jalaja G., International Journal of Innovative Research in Science, Engineering and Technology, An ISO 3297:2007 Certified Organization, Vol. 5, Issue 4, April 2016. ISSN(Online): 2319-8753 and ISSN(Print): 2347-6710.
3. A Survey on Virtualization: Integration and Load Balancing in Data Centers, Usha Bellad & Jalaja. G., International Journal of Recent Research and Applied Studies, ISSN: 2349 – 4891/ISSUE 5,Vol.4,May 2017.
4. Ranking Fraud Detection for Mobile Applications, A Nikhila, Deepashree C, Jayanthi R, Jalaja G.,International Research Journal of Engineering and Technology (IRJET), Vol. 5, Issue:05,ISSN: 2395-0072, May 2018.

II. In National/International Conference Proceedings

1. Survey o Access point Handover decision algorithm , 5th National Conference on Emerging Trends in Engineering Technologies ETET 2016, Jalaja G, Akhila V., at Jyothy Institute of Technology, 11th and 12th March 2016, Bengaluru- 560082

Papers presented in International/National Conferences

International

1. " **Sentiment Evaluation for text extracted from twitter** " 2nd International Conference on Integrated Intelligent Computing, Communication & Security (ICIIC-2018), Jalaja G., Dr. Kavitha C., at SJBIT, 24th-25th January 2018, Bengaluru

Participation in Training courses/Seminars/Workshops

1. Participated in Five Day FDP on "Biomedical Signal Processing" Organized by Dept. of CSE, BNMIT, Bengaluru from 11th to 15th June 2018.
2. Participated in Five Day FDP on "Data Science Using Python" Organized by Dept. of CSE, DSATM, Bengaluru from 8th to 12th Jan 2018.
3. Participated in Two Day Workshop on “ ARM7 and KEIL IDE” organized by Dept. of Computer Science and Engg., GAT, Bengaluru from 4th to 5th Jan 2017.
4. Participated in One Day Workshop on “ Teachers as Catalysts for Change” organized by Heartfulness Institute On 21st Jan 2017.
5. Participated in Six Day Workshop on “IBM –BlueMix for IOT and Security” organized by Dept. of Computer Science and Engg., BNMIT, Bengaluru from 11th to 16th July 2016.
6. Participated in Three Day Workshop on “Research Methodologies & Latex” organized by VTU e-Learning Centre, Mysuru from 18th to 20th February, 2106 at B.L.D.E.A’s Dr. P.G. Halakatti College of Engineering and Technology, Vijayapura.
7. Participated in Workshop on “Preparation for Accreditation by NBA” from 3rd to 5th December 2015 at BNMIT, Bengaluru-70
8. Participated in “Machine Learning” workshop organized by BITES on 15th March 2014 at SIT, Tumkur.
9. Two day FDP on “System Software & Operating System Lab” held during July 30-31,2012, at RNSIT.
10. Participated in FDP on “Innovative Teaching & Effective Communication” held during July 18th to 20th , 2012 at BNMIT.
11. Participated in the workshop on “Advanced Operating System Concepts With Practical Approach” held during 27th September to 1st October, 2010 at Dr.AIT.
12. Participated in the workshop on “Emerging Trends in Soft Computing” held at BNMIT in October 2008.
13. Participated in Faculty Enablement Program held at Infosys, Mysore from January 21,2008 to February 01,2008.

14. Participated in the workshop on “Wireless Technology and Applications” held on the 13th October 2006 and 14th October 2006 at BMSCE.
15. Participated in short term course on “Advanced applications in GIS and Remote Sensing” on 31st May 2006 at Dr.AIT.
16. Participated in the training programme on “Recent trends in Advanced Communication Engineering” from 20th – 25th March 2006 at Dr.AIT.
17. Participated in the training programme on “ Data Mining & Warehousing” from 13-02-2006 to 18-02-2006, at Dr.AIT.
18. Participated in the training programme on “Advanced UNIX System Programming” from 30th January to 3rd February 2006 at Dr.AIT

Personal Details:

- **Family Details:** Husband and two children.

20th Feb 2019

JALAJA G.