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## Research Interest

Data Mining, Data science and Data Analytics / Business Analytics, Machine Learning

## Work experience

(Having 6.7 years of teaching experience with 4 years of research experience)

- Working as an Assistant Professor in the Dept. of CS&E. Bapuji Institute of Engineering and Technology (BIET) Davangere from 24th Jan 2014 till date.
- Worked as an Assistant Professor in the Dept. of CS&E. M.S. Bidve College of Engineering, Latur from Aug -2013 to Jan-2014.
- Worked as a Lecturer in CSE Dept. Margdarshan Institute of Technology (MIT), Ilkal from Sept-2010 to Jan-2011.

## Research and other Publications

- Chapter with title, "Optimized Data Mining Techniques for Outlier detection, Removal and Management Zone Delineation for Yield Prediction", has been Published for the Book, "Modern Techniques for Agricultural Disease Management and Crop Yield Prediction.", under IGI Global publications -2019 (with ISSN: 2326 - 9162; eISSN: 2326-9170) *(SCOPUS Indexed)*

- A Paper titled "Outlier Detection and Removal with Spatial Algorithm in Agriculture Data for Davangere Region" has been Published in the International Conference on Recent Multidisciplinary Research (ICRMR-2018) held at Asian Institute of Technology, Thailand, On 23-24 November 2018 (with ISSN 2249- 9598).

- Presented and Published a Paper with title "Intelligent Virtual Assistant Using IBM Bluemix and Watson Analytics" in the National Conference on "Recent Advances in Electronics and Communication Engineering (NCRAECE) - 2017" held at BIET, Davangere.

## Qualification

- Pursuing Ph.D. under VTU, Belagavi, under the guidance of Dr.Nirmala C.R, Prof & Head, Dept. of CSE. (Research Centre: Dept. of CSE, BIET, Davangere).
- M.Tech (Computer Science & Engineering) from Bapuji Institute of Engineering and Technology (BIET), Davangere (affiliated to VTU, Belagavi) in 2013.

- B.E (Information Science & Engineering) from Tontadarya College of Engineering, Gadag (affiliated to VTU, Belgaum) in 2010.
- 12$^{th}$ std from Govt PU College, Ilkal.
- 10$^{th}$ std from V.M. High school, Hunagund.

## Achievements / Workshops attended and other activities involved

- Participated in the 5 Days Faculty Development Program on "Data Science and Big Data Analytics" conducted by ICT Academy from 21$^{st}$ January to 25$^{th}$ January 2020.
- Got Certificate of Appreciation for Adopting Impartus Lecture Capture and being the Part of the Digital Revolution in Education.
- Actively involved in organizing 2-Day Bootcamp and 24 hrs Hackathon on "Building Chatbots using IBM-Watson" organized by SmartBridge in collaboration with IBM held at BIET, during the 11$^{th}$, 12$^{th}$ and 13$^{th}$ October 2018.
- Actively Involved in Organizing 24 hrs Non- Stop "LEARNATHON - Student Championship 2018" Conducted by Salesforce & ICT Academy Hosted by the Department of Computer Science & Engineering during 2$^{nd}$ and 3$^{rd}$ Feb 2018.
- Attended 2-Days National Seminar on "Data Science and Analytics" organized by the Department of Computer Applications, PES University, Bangalore on November 10-11, 2017.
- Participated in the Faculty Development Programme on "Smart Living- Opportunities and Challenges (IoT)" held on 10$^{th}$ Feb 2017 at TCS, Bangalore.
- Participated in the Workshop on "Intellectual Property Rights" organized by the Research & Development Cell of BIET, Davangere held on 6$^{th}$ April 2017.
- Participated in a One week ISTE Approved Workshop on "Recent Research Trends in Information Technology – vol.1" organized by Dept. of IT, MPSTME (Mumbai Campus) from 13$^{th}$-17$^{th}$ Jul 2015.
- Participated in the International conference on "Applied and Theoretical Computing and Communication technology (iCATccT -2015)" held at BIET, Davangere during 29-31 October 2015.
- Participated in the 2-Days Faculty Development Program on "Programming in C and Data structure" held on July 24 - 25, 2014 at RNSIT, Bangalore.
- Attended Workshop on "Android Application Development" held on 26$^{th}$ march 2014 at BIET, Davangere.
- Department level BIETECH VOICE-coordinator for Jan-July - 2020

## Subjects handled

- System Modeling and Simulation, Embedded computing system, Data structures using C, Advanced Java, Computer Networks I & II, Advances in computer networks, Programming in C and Data structures, ITPM, Data Mining, Operating Systems, Web Programming.

## Course Pursued

- Undergone training on "Software Testing" at Q-Spiders, Bangalore (Jan –Jun 2011).

## Technical Skill

- Programming Languages  : C, C++, JAVA, R- Language
- Software Proficiency        : R- Studio, MySQL, MS Excel,
- Operating system           : MS Windows family and Linux

## Personal Skills

- Comprehensive problem solving abilities and Analytical and creative thinking.
- Quick Learner, Confident, Punctual & Hard worker.

(Arun kumar G. H)
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