



Dr. BHANUMATHI S

BE, M.Tech, PhD



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Resume

Experience

- Working as Professor and Head, Dept. Of ISE , SJ CIT Chickballapur.
- Working as Associate Professor in the department of Information Science & Engineering , SJ CIT Chickballapur from August 2023 till date.
- Worked as Assistant Professor in the department of Information Science & Engineering , SJ CIT Chickballapur from 2012 to 2023.
- Worked as Lecturer in the department of Information

Education

- **Visvesvaraya Technological University**
2016 – 2023 PhD in Computer and Information Sciences
- **Visvesvaraya Technological University**
2008 - 2012 M.Tech in Computer Science and Engineering
- **Kuvempu University**
2001 - 2005 BE in Computer Science and Engineering

Subjects Handled

- Object oriented programming using C++
- System software
- Data Mining and Data warehousing
- Storage Area Networks
- Software architecture
- Management Information systems
- Object oriented analysis and design
- Object oriented modeling and design
- Analysis and Design of Algorithms
- Operation Research
- Logic Design
- Data Structures and Applications
- Software Architecture & Design Patterns
- Big Data Analytics

Papers Presented/Published

- Presented a paper on “Biometrics for Blind: A future for Security” in the National Conference held at SJGIT on 23rd and 24th of April 2015 at SJGIT, Chickballapur.
- Presented a paper “A Survey on Data Mining Techniques for Prediction of Breast Cancer” in National Conference on Computational Simulation & its Applications held on 5th November, 2015 at Sairam College of Engineering, Bengaluru.
- Presented a paper “An impact of Psychology in Artificial Intelligence” in the International Conference on Emerging Trends in Science & Technologies for Engineering Systems held on 11th and 12th January 2018 at SJGIT.
- Published a paper “A comprehensive survey on State of the Art Mechanisms and Data Mining Techniques for Accurate Prediction of Cancers with special focus on Lung Cancer in Journal of Emerging Technologies and Innovative Research during June 2019.
- Published a paper “Impute, Select, Decision Tree and Naïve Bayes (ISE -DNC): An ensemble learning approach to classify the Lung Cancer in Test Engineering & Management during June 2020.
- Published a paper “Deep learning based BiLSTM architecture for lung cancer classification” in International Journal of Advanced Research in Engineering and Technology during January 2021.
- Published a paper “A hybrid deep learning based approach for lung cancer classification by using Microarray Data Analysis “in the Journal Neuroquantology, September 2022.
- Published a paper “Agriculture Decision Intelligence System Using Big Data “in the journal International Journal of Advanced Research in Science, Communication and Technology Volume 3, Issue 2, May 2023.
- Published a paper “ Leveraging Big Data for Educational Improvement :Opportunities, Challenges and Future Directions “in the journal International Journal of Advanced Research in Science , Communication and Technology Volume 3, Issue 2 , May 2023.
- Published a paper “Rescue Relief Agency Management for Disaster Recovery” in the International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 4, Issue 1, May 2024.
- Published a paper “Cloudburst Prediction System” in the International Research Journal of Modernization in Engineering Technology and Science (IRJETS) Volume 6, Issue 0, May 2024.
- Published a paper “Deep Learning Based Network For Lung Nodule Segmentation And Cancer Detection” in Yugato Journal , December 2023.

Workshops Attended

- Soft skills training conducted by Infosys at SJCIT from December 17,2007 to December 21,2007
- Rational Rose software conducted by IBM at SJCIT FROM 3rd to 4th December 2007.
- HR and Quality in Technical Education at SJCIT on 21st January 2011.
- 3- Day National Level Workshop on ARM 9/11 Architecture and its Applications from January 27-29, 2011 at SJCIT.
- 1- Day Faculty Development Program on The Journey to Private Cloud with EMC on 26th March 2011 at SJCIT.
- Train the Trainer Workshop on Mobile Application Development using Android from 3rd-5th January, 2013 at SJCIT.
- Workshop on Software Defined Data Center on 9th & 10th January, 2014 at SJCIT.
- Principles of Pedagogy for effective instructions dissemination on July 19, 2014 at SJCIT.
- NPTEL workshop on 18th March, 2016 at SJCIT.
- Workshop on Agile Technologies on 23rd July, 2016 at SJCIT.
- Five day workshop on Design & Analysis of Algorithms and Microprocessors Laboratory from 23rd to 28th January, 2017 at SVIT Bengaluru.
- Workshop on NBA-SAR Filling & Preparedness for Assessment from 20th-22nd, July 2017 at SJCIT.
- Three- Days workshop on Computer Network Programming in Java & Network Simulator – 2(NS2) from 16th to 18th August, 2017 at SJCIT.
- Technical talk on Cyber Security on 26th July, 2019 at SJCIT.
- Lecture on Internet of Things held on 7th March, 2020 at CBIT, Kolar.
- Webinar on Hands on Approach on An Internet of Things And It's Protocol on 20th August 2020 at SJCIT.(online)
- Webinar on Turnitin- Online in Campus User Awareness Program on Academic Integrity on 13th , August 2020 at SJCIT.(online)
- International webinar on Block chain Technology on 11th August 2020 at SJCIT.(online).

Workshops Attended

- 5 Day online FDP on A DevOps approach: Dockers in Block chain held from 17th to 21st June 2020 at AMC Engineering College, Bangalore.(online)
- Two week Faculty Development Program on R Language & R Studio from June 22 to July 5, 2020 at Cambridge Institute of Technology, Bangalore and completed the assessment with B+ grade.(online) .
- Five days FDP on Emerging trends in data analytics 17/2/2022 to 21/2/2022, Amity University, UP.
- Five days FDP on Unleashing Research Potential: Global Trends and Practices from 7/12/2022 to 11/2/2022, Galgotias University.
- Five days FDP on Recent Trends in Cyber Security and Machine Intelligence from 31/01/2022 to 4/2/2022 , Inderpratsha Engineering College.
- Five days FDP on Frontiers in Computational Science from 18/4/2022 to 22/4/2022 at Atria Institute of Technology Bengaluru.
- One Week AICTE – VTU Joint Teachers Training Programme on “An Overview of Teaching Techniques in Data Science and Analytics” between 25th & 29th April 2022 Organized by VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur.
- Five days FDP on Amazon Web Services from 22/8/2022 to 27/8/2022 at SVCE, Bengaluru.
- Five days FDP on Art of Research paper writing from 20/9/2022 to 24/9/2022 at SKIT, Bengaluru.
- Three day FEEL Teacher-Communication Learning and Development Intervention, 25th to 27th May 2023 at SJGIT.
- One Week AICTE–VTU Joint Teachers Training Programme on “Fundamentals of Data Science & Analytics” from 05th to 09th June 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur.
- One week National Level Faculty Development Program on Cloud Infrastructure organized by Dept.Of CSE, JNTUK college of Engineering, Narasaraopet, AP in collaboration with Brainovision Solutions India Pvt Ltd and AICTE from 21st to 25th August 2023.
- Three days Faculty Development Program on “Data Analytics with Excel “from 18th to 20th December 2023 at BIT Bangalore.
- VTU MOOC Co-Coordinator Workshop at BNMIT, Bangalore on 16 February 2024.
- FDP on “Enhancing Teaching and Learning” on 14th June 2024 at SJGIT.

Online Courses/ Certification Courses

- Completed NPTEL course on Data Mining during January-April 2022.
- Completed NPTEL course on Big Data Analytics during August-October 2022.
- Completed Infosys Springboard course on Design Thinking on 21/10/2022.
- **International Engineering Educators Certification Program (IIEECP) from January 2024 to July 2024.**