

Dr. Bhuvaneshwari K V

Assistant Professor

Department of Information Science & Engg.

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Education Qualification

- Ph.D. in Faculty of Computer and Information Science on “Analysis and classification of different Gynecological Tumors using Machine Learning Techniques” under the guidance of Dr. B. Poornima from VTU University in the year 2023.
- M. Tech in Computer Science and Engg from UBDT College of Engg, Davangere , Kuvempu University in the year 2008.
- B.E. in Computer Science and Engineering, BIET, Davngere, affiliated to VTU university in the year 2005.

Work Experience:15.8 years

- Worked as a lecturer in IS&E Department, Bapuji Institute of Engineering and Technology, Davangere, one year from 2005-2006.
- Worked as a lecturer in IS&E Department, Bapuji Institute of Engineering & Technology, Davangere. from 2007 to 2012
- Working as an Assistant Professor from 2012 to till in the department of IS & E, Bapuji Institute of Engineering & Technology, Davangere.

Research Interest

Machine learning, Deep Learning, Artificial Intelligence and Image Processing.

Roles and Responsibilities/Awards/Achievements:

- Coordinator for Time Table, Test Time-Table of department since from the year 2013.
- Open Elective Coordinator and Project guide for UG student.
- NBA (Criterion-5) and NAAC (Criterion-2) coordinator.
- Appointed as M.Tech project viva voce external examiner by VTU.
- Invited as judge for PAPHYRUS-State Level Technical Paper Presentation on 12-04-2019 in associated with ISTE organized by Department of Electronics and Communication Engineering, BIET, Davangere.
- Invited as judge panel member for state level competition “ALGORITHM 2022” organized by JIT, Davangere on 27th July 2022.
- Awarded with ‘A’ Grade in virtual mode webinar FEP on “Python Programming through INFYTQ Platform” conducted by Infosys Limited from 6th to 13th July 2020.
- Received Certificate of Excellence in test conducted as a part of AICTE sponsored Two week FDP on “Emerging Trends in Medical Image Processing and its Applications” from 9th to 21st December 2019 in AIT, Chikkamagaluru.

Professional Membership

- Life Member of Indian Society for Technical Education (ISTE) LM 134792.
- Life member of The Institute of Engineers (MIE) (India) M-165636-2

Subjects Handled

- Object Oriented programming Concepts
- Machine Learning
- Advanced Java and J2EE
- Data structures and Applications
- Design and Analysis of Algorithms
- Application Development using python
- System Software
- System Modeling and Simulation
- Cryptography
- Graph Theory and Combinatorics
- Discrete Mathematical Structures
- UNIX and Shell Programming

Expert Lectures Delivered

- Technical talk on “Importance of Data Structures” organized by Davan Institute, Davangere in 2019.
- Talk on MICROSOFT WORD to the admin staff members on 03/04/2021
- Talk on Introduction to C to 4th semester students during bridge course on 19/04/2021.
- Resource person for 3 day’s FDP on “Introduction to Python Programming”, organized by IS&E Dept, BIET, Davangere from 12th to 14th December 2022.

Workshops/FDP Conducted

- Organized Two Day’s online FDP “Image Processing, Computer Vision and Artificial Intelligence workflows using MATLAB” in IS&E Dept, BIET on 12th & 13th January 2021.
- Organized Inter college coding competition “Bit’s N Bytes” on Jan 2023 in IS&E Dept, BIET.
- Organizing committee member for different events conducted in department.
- Organized many Hands-on sessions on C, JAVA and PYTHON for students to enrich the knowledge.

Workshops Attended

- Attended 5 days FDP on “Data Analytics and Data Science” organized by IS&E Dept, BIET in association with VTU, Belgaum from 30th Jan to 3rd Feb 2023.
- Participated one week FDP on “Augmented & Virtual Reality with Data Science”, organized by P.R Pote Patil College of Engineering and Management, Amravati from 6th to 11th June 2022.
- Participated 5 day’s AICTE Training and Learning (ATAL) online FDP on “Internet of Things” from 23rd to 27th August 2021.
- Attended AICTE sponsored Online STTP “Deep Learning Tools & Techniques” from 2nd to 7th November 2020.
- Participated 8 days FEP on “Python Programming through INFYTQ Platform” conducted in Virtual mode by Infosys Limited from 6th to 13th July 2020.
- Attended AICTE sponsored Two week FDP on “Emerging Trends in Medical Image Processing and its Applications” from 9th to 21st December 2019 in AIT,Chikkamagalur.

- Participated 5 day's workshop on "Big Image data Processing", from 4th to 9th November 2019 in MIT, Manipal.
- Participated 5 days FDP on "Effective Teaching" from 15th to 19th July 2019 in BIET, Davangere.
- Attended one week FDP on "Image Processing and its Research Challenges" from 23rd to 27th July 2018 in JNNCE,shivamogga.
- Participated 3 days FEP on "Machine Learning and Implementation" from 4th to 6th July 2018 in GMIT,Davangere.
- Attended 6 days FDP on "Emerging Trends in Knowledge Discovery and Dataanalytics" from 16th to 21st January 2018 in AIT, Chikkamagalur.
- One day program on "Ramanujan Mathematics Awareness"
- Participated in campus connect three day workshop on "Mobile Application development using Android" at S J C I T,Bangalore
- Attended Three days "Feel Teacher Program" at BIET.
- Four day workshop on "Programming the web and software architecture" at RNSIT, Bangalore.
- Participated in Seminar on "Recent trends in nanotechnology" at BIET.
- Participated in the National Conference on "Recent trends in cryptography" at BIET.
- Attended one day workshop on "cloud computing" at GMIT.

Academic and Extra Co-curricular Activities:

- Member of BIETech voice
- Flying squad member of girls hostel

List of Publications

- Bhuvaneshwari K V and Dr. Poornima B., "**Cervical Cancer Cell Identification &Detection using Fuzzy C Mean and K nearest Neighbor Techniques**" International Journal of Innovative Technology and Exploring Engineering(IJITEE) Scopus Indexed(Q4) Vol. 8, August 2019, Issue 10, PP 1080-1084 ISSN(Online): 2278-3075
- Bhuvaneshwari K V, "**Ovarian Cancer detection using Image Processing and Machine Learning**" in International Journal of Research In Electronics and Computer Engineering (IJRECE), Volume 7,Issue 2, ISSN:2393-9028,Page No:1261-1265,June 2019
- Bhuvaneshwari K V, "**Artificial Vision for Visually impaired people using image and speech processing Techniques**" in International Research Journal of Engineering and Technology, Volume 7, Issue 8,ISSN:2395-0056, August 2020.
- Bhuvaneshwari K V and Dr. Poornima B., "**Ovarian Tumor classification using machine Learning Techniques**" in Design Engineering(Toronto),Volume 2021,Issue 9,Page No:12664-12672,ISSN:0011-9342, Scopus Indexed(Q4) in December 2021
- Bhuvaneshwari K V and Dr. Poornima B., "**Analysis of different Image Segmentation Techniques to Identify and detect Ovarian Tumor**" in GIS Science Journal,ISSN:1869-9391, Volume 9,Issue 2, Page No:1499-1504,2022,Feb 2022.

Patent

- "Counterfeit Product Identification System Utilizing Block chain Innovation" in Intellectual Property India Patents, Patent File No:202141013880