Dr. Jyothi G.C.
Associate Professor
Department of AI&ML, BIET
Davangere.
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Work Experience : 19 Years

- Worked as a lecturer in IS & E Department of Bapuji Institute of Engineering and Technology Davangere from 2002 to 2005.
- Went for higher studies 2005 to 2007. After the completion of Masters Degree, i.e. from 2008, appointed as a lecturer in IS&E Department of Bapuji Institute of Engineering & Technology, Davangere.
- Promoted as Assistant Professor from September 2012 in the Department of IS & E of Bapuji Institute of Engineering & Technology, Davangere.
- From July 2023 to April 2024 worked as an Assistant Professor in Department of AI&MLof Bapuji Institute of Engineering and Technology, Davangere.
- From May 2024 to till date working as an Associate Professor in the Department of AI&MLof Bapuji Institute of Engineering and Technology, Davangere.

Educational Qualification:

- Ph.D. in Bapuji Institute of Engineering and Technology ResearchCenter, Davangere, Visvesvaraya Technological University.

- M.Tech. [Computer Science & Engineering] from B.I.E.T., Davangere, Visvesvaraya Technological University , 2008 First Class with Distinction.

- B.E [CS & E] from Bapuji Institute of Engineering and Technology, Kuvempu University , 2001 First Class with Distinction.

Roles and Responsibilities:
- Co - ordinator for FORUM.
- Co - ordinator for NAAC.

Membership:

- Life Member of Indian Society for Technical Education - LM89368
- Member, The Institution of Engineers (India), Number – M-165644-3
- Member of International Association of Engineers - 275271

Core Subjects Taught:

- Discrete Mathematical Structures.
- Analog and Digital Electronics.
- Design and Analysis of Algorithms.
- Data Structures.
- Object-Oriented Modeling and Design.
- Operating Systems.
- Automata Theory and Computability.
- System Modeling and Simulation.
- Cryptography, Network Security and Cyber Law.
- Software Testing.

Publications:

1. Jyothi G.C., Chetana Prakash, G. A. Babitha "Deep Learning Approach for Detection of Dental Caries in X-Ray Images ". International Journal of Scientific Development and Research (IJSDR), UGC care Group –II Journal. ISSN: 2455-2631. June 2023 IJSDR | Volume 8 Issue 6, IJSDR2306193, pp. 1397-1408. DOI: https://www.ijsdr.org/viewpaper.php?paper=IJSDR2306193

2. Jyothi G. C., Chetana Prakash, G. A. Babitha "Alveolar Bone Loss Detection and Localization in Dental X-Ray Images using YOLOv5". Asian Journal of Computer Science and Technology (AJCST) (Q4), Peer-reviewed International Journal, Scopus indexed. ISSN: 2249-0701 (P) Vol.12 No.1, 2023, pp.41-54 © The Research Publication, www.trp.org.in
DOI: https://doi.org/10.51983/ajcst-2023.12.1.3591

3. Jyothi G. C., Dr. Chetana Prakash, Dr. Babitha G. A. "Comparison Analysis of CNN, SVC and Random Forest Algorithms in Segmentation of Teeth X-Ray Images ". Asian Journal of Computer Science and Technology (AJCST) (Q4), Peer-reviewed International Journal, Scopus indexed. ISSN: 2249-0701 Vol.11 No.1, 2022, pp.40-47 © The Research Publication, www.trp.org.in
DOI: https://doi.org/10.51983/ajcst-2022.11.1.3283.

4. Jyothi G. C., Dr. Chetana Prakash, Dr. Babitha G.A. "Segmentation Algorithms for Dental Caries X-Ray Images", GIS Science Journal, Scopus indexed, UGC care Group –II, Page No: 1496-1503 DOI:20.18001.GSJ.2021.V8I7.21.37663, July 2021.
DOI: http://gisscience.net/VOLUME-8-ISSUE-7-2021/

5. Jyothi G C "Forecast of mRNA Articulation in Cows Milk Utilizing mRNA Auxiliary Designs and ML Classifiers". International Journal for Research in Applied Science & Engineering Technology (IJRASET), https://doi.org/10.22214/ijraset.2022.45866.

Seminars/Workshops Attended:

- "International Conference on Software Agents" Workshop attended
- Attended Deep Dive Faculty Enablement Program on "Foundation Program 3.1" Conducted by Infosys limited, Bangalore.
- Attended "Ramanujan Mathematics Awareness Programme"
- Attended "FEEL Teacher" Learning Development Intervention.
- Attended Train the Trainer Program on "Cloud Computing".
- Attended "LaTeX for Documentation" workshop.
- Completed one week the Short Term Training Programme through ICT mode on "Effective Teaching" organized by NITTTR Kolkata.
- Participated in in Five days FDP on "Data Science and Big Data Analytics" conducted by ICT Academy at BIET, Davangere.
- Participated in Four Days Webinar on "An Effective Research Paper Writing Skills" Organized by BMCCMS, Surat, Gujarat.

- Participated and Completed online Four Days FDP on "Networks and Security" organized by NMAMIT, Nitte.
- Participated in Two days online FDP on "Digital Technologies" organized by BIET, Davangere in association with TCS.
- Participated in Five days Webinar on "Recent trends in Information Technology" organized by BIT, Bengaluru.
- Participated in one week online FDP on "NBA and NACC Accreditation Process" organized by IQAC , MSRIT, Bengaluru.
- Participated 5 day FDP on DEEP LEARNING FOR COMPUTER VISION by Panimalar Engineering College – ATAL
- Attended 5 days FDP on"Machine Learning in Medical Image Processing" by Katihar Engineering College Katihar – ATAL
- Attended 6 days FDP on"Design Thinking " by VTU E- Learning Center Mysuru and Vidyavardhaka College of Engineering, Mysuru.