

Dr. Anitha G

**Associate Professor
Department of IS&E
BIET, Davangere**

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Work Experience: 27.2 Years

- **Worked as a lecturer in E&C Department of University B D T College of Engineering, Davangere in the year 1995 to 1997.**
- **Worked as a lecturer in CS&E Department of University B D T College of Engineering, Davangere in the year 1998 to 2006.**
- **After the completion of Masters Degree, from 2007, appointed as a lecturer in CS&E Department of Bapuji Institute of Engineering & Technology, Davangere.**
- **Worked as a lecturer in IS&E Department of Bapuji Institute of Engineering & Technology, Davangere in the year 2008**
- **Promoted as Assistant Professor from July 2013 in the department of IS&E.**
- **Promoted as Associate Professor from February 2023 in the department of IS&E**

Educational Qualification:

- **Completed Ph.D. from Vijaya Vittala Institute of Technology, Research Center, Bangalore, VTU Affiliated.**
- **M.Tech. [Computer Engineering] from UBDTCE, Kuvempu, 2008 with first class with distinction and secured 1st Rank.**
- **B.E [E&C] from University B D T College of Engineering, Kuvempu University, 1995.**

Dissertation Details:

Completed Ph.D. in Computer Science and Engineering Department, research center, VVIT, Bangalore, with research work entitled “Morphotactic Model Building for Kannada”

In M.Tech. Project work entitled “Image Data compression using contour coding technique” is carried out.

In B.E. Project work entitled “80C535 based WattHour Meter” is carried out.

Roles and Responsibilities:

- **NBA Coordinator as well as Criteria 3 & 7 coordinator in the department.**
- **KSCST coordinator**
- **Project coordinator for UG students**
- **Project and seminar coordinator for UG students**
- **Coordinator for time table and Student Counseling.**
- **Project Guide for UG and PG students.**
- **Department Forum (INSYNC) Coordinator**

Awards: NIL

Membership: Life time Member of ISTE, Number –LM59772
Member, The Institution of Engineers (India), Number –
M-165640-0

Core Subjects Taught:

- **Artificial Intelligence**
- **Microcontrollers and Embedded Systems**
- **Data Mining and Data Warehousing**
- **Microprocessors and Microcontrollers**
- **Analog and Digital Electronics**
- **File Structures**
- **Data Mining**
- **Microprocessors**
- **Electronic Circuits**
- **Logic Design**
- **Computer Organization**
- **Data Compression Techniques**
- **Computer Networks**

Expert Lectures Delivered: NIL

Academic Activities:

- **Appointed as Judge for Papyrus in EC department, BIET, Davangere.**
- **Appointed as Judge for Project Exhibition Cognition 2K22, in EC department, BIET, Davangere.**

Seminars/Workshops Attended:

- 2 day workshop on “Interface of IPR in academics and Entrepreneurship” on 02-03-2023 & 03-03-2023 at BIET, Davangere.
- 5 days FDP on “Data Analytics and Data Science” from 30-01-2023 to 03-02-2023 organized by Department of IS&E, BIET, Davangere.
- 5 days FDP on “Data Science using Machine Learning” from 02-01-2023 to 06-01-2023, organized by Pravara Rural Engineering College in Collaboration with ExcelR.
- 3 day faculty development program on “Introduction to Python Programming” from 12-12-2022 to 14-12-2022 organized by Department of IS&E, BIET, Davangere.
- 15 days ATAL FDP "Intelligent Schemes for Cyber Security" from 05-09-2022 to 10-09-2022 and 12-09-2022 to 16-09-2022 organized by UBDTCE, Davangere.
- One Week Online FDP on “Taking Research to Next Level” organized by Department of Mechanical Engineering & Department of Basic Science, in Association with IQAC, ISNT and IIC Cell, Sri Venkateshwara College of Engineering, Bengaluru from 26-09-2022 to 30-09-2022.
- One week FDP On "Amazon Web Services" During the period of 22-08-2022 to 27-08-2022 Organized by Acharya Institute Of Technology in collaboration with Brainovision Solutions India Pvt. Ltd & AICTE.
- One-Week AICTE- ISTE Sponsored Refresher Program on “Design Thinking” from 07-03-2022 to 12-03-2022, organized by the VTU e-learning center, Mysuru and Vidyavardhaka College of Engineering, Mysuru.
- Two days workshop on “Implementation of National Education Policy-2020 organized by BIET, Davangere in association with VTU Belagavi on 10-12-2021 and 11-12-2021.
- 5 days ATAL FDP on “Recent Trends in Computer Vision and Natural Language Processing from 19-07-2021 to 23-07-2021.
- 5 days ATAL FDP FDP on "Best Teaching Learning and Assessment Practices in Computer Science/Information Technology based on National Education Policy (NEP)" from 05-07-2021 to 09-07-2021 at SJCE, Mysuru.
- 5 days ATAL FDP on "Blended Learning and Flipped Classroom" from 08-02-2021 to 12-02-2021 at Sardar Vallabhbhai National Institute of Technology Surat.
- One day webinar on “Become Expert in Python Programming” on 3-6-2020.
- Two day FDP “Digital Technologies” on 14-05-2022 & 15-05-2020.
- One day webinar for FDP on “Outcome Based Education Software” on

14-05-2020.

- **One week STTP through ICT mode on “Effective Teaching” organized by National Institute of Technical Teachers’ Training and Research, Kolkata from 15-07-2019 to 19-07-2019.**
- **Participated in Five day FDP on “Implementation of Outcome Based Education in Higher Educational Institutions” at SIT, Tumakur from 8-07—2019 to 12-07-2019.**
- **Participated in one day FDP on “IoT, Data Analytics, Software Defined Network at BIET, Davangere on 16-03-2018.**
- **Two day workshop on “Hands on with Cloud Computing” on 02-09-2017 & 03-09-2017 at BIET, Davangere.**
- **One day seminar on “Role of Women in Societal Reforms” on 10-03-2017 at BIET, Davangere.**
- **Two days workshop on “Android App Development & R-Programming” at BIET, Davangere on 07-11 2016 & 08-11-2016.**
- **Participated in one day workshop on “ARM Processor & its applications” on 27-12-2016 at GMIT, Davangere.**
- **Participated in the “Workshop on Research Methodology” on 28-10-2015 at BIET, Davangere.**
- **One day workshop on “National Programme on Technology Enhanced Learning” on 28-02-2015 at SDM College of Engineering and Technology, Dharwad.**
- **Two day workshop on “Digital Image Processing” on 17-10-2014 & 18-10-2014 at Sri Siddhartha Institute of Technology, Tumkur and jointly organized by Karnataka Science and Technology Academy, Bangalore.**
- **Two day workshop on “Big Data Analytics” at BIET, Davangere on 22-08-2014 & 23-08-2014.**
- **One day workshop on “Reserarch Add-Ons” on 19-03-2014 at BIET, Davangere.**
- **One day program on “Ramanujan Mathematics Awareness Program” on 01-03-2013 at BIET, Davangere.**
- **Two week workshop on “Introduction to Research Methodologies” IIT Bombay conducted on 25-06-2012 to 04-07-2012.**
- **Three day FDP program on “Research Methodology” at RYMCE, Bellary from 09-01-2012 to 11-01-2012.**
- **Five days STTP program on “Next Generation Data Management” at NITK, Surthkal from 13-06-2011 to 17-06-2011.**
- **Three days FDP program on “Advanced Computing Systems” from 20-01-2011 to 22-01-2011 at Canara Engineering College, Benjanapadavu, Bantwal.**
- **Three days workshop “Campus Connect Soft Skills” from 24-03-2010**

to 26-03-2010 at Infosys Technologies Limited, Bangalore.

- Participated in a Mission10X workshop “High Impact Teaching Skills” from 02-02-2010 to 06-02-2010 at BIET, Davangere.
- Participated in the National Conference on “Recent Trends in Cryptography” at BIET on 01-04-2009 & 02-04-2009.
- Two week short term course on “Power Linux-Unleash the Full Potential of Linux” from 16-02-2004 to 28-02-2004 at BIET, Davangere.

Publications:

- Published paper entitled “Generating Python Code from English Comments using Transformer – GPT-3 in NLP” in International Journal of Innovative Research in Computer and Communication in 2022.
- Published paper entitled “IoT Enabled Wind Turbine Data Monitoring System using LoRa” in International Journal of Innovative Research in Science, Engineering and Technology in 2022.
- Published paper entitled “Kannada Morphological Analyser and Generator Using Natural Language Processing and ML Approaches” in Turkish Journal of Computer and Mathematics Education in 2021.
- Published paper entitled "Advancing Morphological Analyser for Kannada using NLP and Machine Learning Approaches” in International Journal of Advanced Science and Technology in 2020.
- Published paper entitled “Application of Neural Networks for Sentence Similarity” in A Journal of Composition Theory in September 2019.
- Published Paper entitled Page Rank Analysis – Analysis for Indian Languages” in International Journal of Pure and Applied Mathematics, August 2018.
- Presented a paper in International Conference on Recent Innovations in Science, Engineering & Technology (IRISET – 18) titled “Page Rank Analysis – Analysis for Indian Languages” held on 18th & 19th May 2018 at HIT, Nidasoshi.
- Presented a paper on “A Novel Contour Encoding Technique for Contour Data Compression” at National Conference on Advanced Computing on 19th & 20th Sept 2008.
- Presented a paper on “A New Technology of Data Encryption using Steganography” at Shirdi Sai Engineering College on 30th Apr 2014.

Patent: (Filed)

- **Occupational Stress Model and Coping Thereof,
Application no. 202041041755 A, Publication Date 09/10/2020.**

Extra/Co-curricular Activities:

- **Women Helpline Manager.**
- **NBA Peer Committee member, Institute level.**
- **NAAC II-Cycle Core Committee member.**
- **NAAC Committee Member.**
- **Hemavathi, BIET Ladies Hostel Warden.**
- **Davana-2K22 and Davana – 2K23 dispute committee member.**
- **QPDS member.**
- **Deputy Chief Superintendent (External).**
- **Stock verification for Library.**
- **Stock verification of Chemical Department.**