Prof. Hemashree H C

Assistant Professor

Department of IS&E, BIET, DAVANGERE

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Work Experience: 5 years

- Working as an Assistant Professor in IS&E Department of Bapuji Institute of Engineering and Technology, Davangere, from January 2018.

Educational Qualification:

- Cleared the PhD Course work Examination bearing the USN: 4BD20PCS03
- Registered Part Time PhD under the Guidance of Dr. Pradeep N, under VTU.
- M.Tech [CS&E] from BIET, Davangere, VTU University, 2017 with First Class with Distinction.
- B.E [IS&E] from GMIT, Davangere, VTU University, 2012 with Second Class.

Area of Research:

My research topic Titled as "Ensemble Learning and Deep Learning Approaches for Analysis and Classification of Oral Lesions".

Dissertation Details:

"Ensemble Learning and Deep Learning Approaches for Analysis and Classification of Oral Lesions".

"PICWORDS: Implementation of Picwords to warping picture and keywords through Calligram".

Copyright Details:

ROC: L-108404/2021
Title of the work: "Oral Lesions Classification Using Ensemble Learning and Deep Learning Techniques"
Date of Filing: 14/10/2021

Core Subjects Taught:

- Microcontroller and Embedded System.
- Internet of Things.
- Introduction to Python Programming.
- Computer Networks.
- Software Engineering.
- Storage Area Networks.
- Decision Support System.

Paper Publication:

- The title of the paper is "Deep Learning-Based Analysis of Facial Expression in Children with Autism" published in International Journal of Innovative Research in Computer and Communication Engineering", IJIRCCE Journal Volume – 10, Issue – 1, January 2022.
- The title of the paper is "IoT Based Anaesthesia Machine Control Using RASPBERRY PI" published in Journal of Huazhong University of Science and Technology, Volume – 50, Issue – 5, 2021.
- The title of the paper is "Plant Disease Identification System" published in Science, Technology and Development Journal, Volume – 10, Issue – 5, May 2021.
- The title of the paper is "Disease Prediction and Analysis for Healthcare Communities" published in International Journal of Advances in Engineering and Technology (IJAET) Journal Volume – 12, Issue – 3, June 2019.
- The title of the paper is "Implementation of Picwords to warping picture and keywords through Calligram" published in International Research Journal of Engineering and Technology (IRJET) Journal Volume – 4, Issue – 8, August 2017.

NBA and NAAC Activity:

- NBA criteria-2 coordinator.

- NAAC criteria-1 coordinator.

SOCIAL DEVELOPMENT RELATED ACTIVITIES:

- Associate Member of IEI, Membership No: AM187490

- Member of ISTE with the membership No: LM 134803

- IAENG membership number is: 339915

- Visited Taralabalu krushi Kendra Davanagere as a part of UHV social connect activity alongwith a team of 140 students.

- Visited Chithradurga Fort as a part of UHV social connects activity for heritage walk along with a team of 140 students.

- A batch of 9 Students visited Nagnuru, as an AICTE Activity Point Program for first year students in 2023.

Seminars/Workshop attended:

- Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 11th July to 15th July 2022.

- Participated and successfully completed One Week AICTE–VTU Joint Teachers Training Programme on "Introduction to Python Programming & its Applications" held on13th to 17th March 2023.

- Attended 5 Days FDP on "Data Analytics and Data Science" held on 30/01/2023 to 03/02/2023.

- Attended 3 Days FDP on "Introduction to Python Programming" held on 12/12/2022 to 14/12/2022

- Participated in 1 week FDP on "Taking Research to next Level" by SVCE, from 05 26/9/2022-30/9/2022.

- Participated in one day Faculty Development Programme on "IOT, Data Analytics and Software Defined Network" held on 16th March, 2018 at BIET, Davangere.

- Attended One day Workshop on "ORACLE" held on May, 2018 at BIET, Davangere.

- Completed the One Week Short Term Training Programme through ICT Mode on "Effective Teaching" held on 15th to 19th July 2019 organized by National Institute of Technical Teachers Training and Research, Kolkata.

- Participated in Three Days FDP on "HANDS-ON MICROCONTROLLER AND EMBEDDED SYSTEM" held on 20th to 22nd January 2020.

- "Digital Technologies" held on 15th and 16th May 2020 using Digital Platform by Dept of IS &E BIET, Davangere in association with TCS Bangaluru.

- "Outcome Based Education Software" held on 28th May 2020 by vmdulife software services.

- Three Days Online FDP on "Internet of Things and its Application" held on 27th to 29th May 2020 organized by RBME, Ballari.

- Four Days FDP on "Networks and Security" from 26th to 29th May 2020 at NMAM Institute of Technology, Nitte.

- One Week FDP on "Python 3.4.3" Spoken Tutorial Project, held on 25th to 30th May 2020 organized by IIT Bombay, funded by NMEICT, Ministry of Human Resources and Development (MHRD), Govt of India (GOI).

- Five Days webinar on "Recent Trends in Information Technology" from 2nd to 6th June 2020 organized by Department of Information Science and Engg. Bangalore Institute of Technology in association with ISTE, New Delhi.

Extra/Co-curricular Activities:

- Department UHV coordinator

- Department First Year coordinator

- Project guide for UG students.

- Student Counselor for UG students.