

Prof. Ranjana B Jadekar

Assistant Professor

Department of IS&E, BIET, DAVANGERE

[ranjanabjadekar@gmail.com]



WORK EXPERIENCE: 6.5 YEARS

Working as an Asst. Professor in IS & E department of BIET, Davanagere.

Education Qualification:

- Cleared the PhD Course work Examination bearing the USN: **4BD20PIS02**
- Registered Part Time PhD under the Guidance of Dr. Poornima B, under VTU.
- Qualified VTU ULRAT 202. Bearing the Registration-ID: 102020CFROL003235
- M.Tech (CS & E) from Dr. KLEMSSCET, Belagavi, with FCD.
- BE (IS & E) from BIET, Davanagere with FC.

Area of Research:

My research topic Titled as “Recognition and prediction of coma patients emotion from EEG signals using machine learning techniques”.

Dissertation Details:

- An efficient way of eliminating malicious node with vindication capability for MANET’s adaptive traffic engineering based on virtual routing topologies.
- An adaptive Traffic Engineering based on virtual routing topologies(AMPLE)

Roles and Responsibilities:

- Department Placement coordinator
- Department Internship coordinator
- Student counselor for UG
- Project Guide for UG

CO-CURRICULAR ACTIVITIES:

- Visited VTU, Mysore Regional Centre to attend a talk on “Self-Reliance for Job Creation” on 10th April 2023.
- Actively involved in the College festival “Namma Davana-2023”, as SWC coordinator and being a part Of Registration committee.
- In 2023 a
- Appointed as DCS External Examiner for Sep/Oct-2022 Examination (EVEN).
- Appointed as DCS External Examiner for Feb/Mar-2022 Examination (ODD).
- Presented a talk On “CAREER Prospects of BCA” as a Resource Person in Davan Institue on 11th November 2021.
- Actively involved in Department festival “Infozest-2019” for smooth conduction of program for 2 days.
- Actively involved in the College festival “Namma Davana-2019”, as being a part Of Registration committee.

SOCIAL DEVELOPMENT RELATED ACTIVITIES:

- Member of ISTE with the membership No: LM - 134800
- Visited Tarabalu krushi Kendra Davanagere as a part of UHV social connect activity along with a team of 140 students.
- A batch of 22 Students visited Maalagondana Halli, as an AICTE Activity Point.
- Member of Electro Literacy Club (ELC) from B.I.E.T Davanagere.
- Received Certificate of Appreciation for “delivering guest lecturing” on Basic computers for “Kuvempu Shatamanotsava Shaale”, Hosabelavanuru village on 23rd February 2019.
- Associate Member of IEL, Membership No: AM1874929.

NBA and NAAC Activity:

- Institute NAAC-5 co-coordinator
- NBA criteria-4 coordinator.

Core subject taught:

- Artificial Intelligence and Machine Learning.
- Microcontroller and Embedded System
- Discrete mathematical Structures
- Database Management Systems
- Computer Networks
- Computer Organization
- Microprocessor and Microcontroller
- Object oriented modeling and design
- Operating System

Seminars and FDPs Attended:

| Sl. No. | Title of FDP/STTP/Workshops/Conferences/Webinars | No. of days | From – To |
|---------|---|-------------|-----------------------------|
| 1. | Participated and successfully completed One Week AICTE–VTU Joint Teachers Training Programme on “Introduction to Python Programming & its Applications” | 05 | 13th to 17th March 2023 |
| 2. | Attended 5 Days FDP on “Data Analytics and Data Science” | 05 | 30/01/2023 to 03/02/2023 |
| 3. | Attended 3 Days FDP on “Introduction to Python Programming” | 03 | 12/12/2022 to 14/12/2022 |
| 4. | | | |
| 5. | Participated in 1 week FDP on “Taking Research to next Level” by SVCE | 05 | 26/9/2022-30/9/2022 |
| 6. | Organized and Conducted 3 Days Workshop on Database Application Development for 5 th semester Students. | 03 | 11/01/2022-13/01/2022 |
| 7. | Attended 1 week FDP on Signal Processing and its Applications using machine learning. | 06 | 13/09/2021-18/09/2021 |
| 8. | Attended 1 week FDP on Design Thinking by VTU e-Learning Center VVCE, Mysore. | 07 | 07/03/2022-12/03/2022 |
| 9. | Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Computer Science & Biology" at BNM institute of Technology. | 05 | 2021-1-18 to 2021-1-22 |
| 10. | Completed 2 weeks FDP on RLanguage and RStudio. | 14 | 22/06/2020 to 05/07/2020 |
| 11. | Participated in 5 days FDP on “NBA and NAAC Accreditation Process” | 05 | 04/6/2020-8/6/2020 |
| 12. | Attended 1 week short term training program on “Effective Teaching” through ICT academy. | 05 | 15/07/2019 to 19/07/2019 |
| 13. | Attended 2days National level Seminar on “IoTs In Transforming Rural Healthcare System and Point of care testing” | 02 | 8th and 9th December 2017. |
| 14. | Attended 2days workshop on “Hands-on Cloud computing” | 02 | 2nd and 3rd September 2017. |

FUNDED PROJECTS:

- A Project titled “Renewable Energy (Wind) Based Automatic Recharging System for Electrical Vehicles with Battery Information System Using Iot.” Selected for Final Project Exhibition at VTU Belagavi.
- A Project titled “Renewable Energy (Wind) Based Automatic Recharging System for Electrical Vehicles with Battery Information System Using Iot.” Selected for KSCST funding in 2022.
- A Project titled “COVID-19 patient monitoring robot” Selected for KSCST funding in 2021.

PUBLICATIONS:

- Translation of Brain Activity Patterns of a user into Commands using Electroencephalography (EEG) by AJRCS in June 2021.
- Cyberbullying detection for Twitter by IJMTST in 2021.
- ORP measurement of water for On Farm Water Recycling by IJARESM in 2021.
- “An efficient way of eliminating malicious node with vindication capability for MANETS in IJRCCE, 2015 by Ranjana B Jadekar, and Shivanand M Patil,