

Prof. Ranjana B Jadekar

Assistant Professor

Department of CS&E (Data Science), BIET,

DAVANGERE [ranjanabjadekar@gmail.com]



WORK EXPERIENCE: 7.5 YEARS

Working as an Asst. Professor in CS & E (Data Science) department of BIET, Davanagere.

Education Qualification:

- Cleared the PhD Course work Examination bearing the USN: **4BD20PIS02**
- Completed Progressive Viva Voice 1 and 2
- Registered Part Time PhD under the Guidance of Dr. Poornima B, under VTU.
- Qualified VTU ULRAT 2020. 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 at the Department Level

- Department Time Table Coordinator
- Forum Coordinator
- NIRF Coordinator
- Student counselor for UG
- Project Guide for UG

CO-CURRICULAR ACTIVITIES:

- Visited Mysore as an IV along with 7th semester students of 2023 batch on 28th May 2023 to 30th May 2023.
- 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 IEI, Membership No: AM1874929.

NBA and NAAC Activity:

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

Core subject taught:

- Digital design and Computer Organization
- Object oriented programming using JAVA
- 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.	Agile software evolution and micro services mastery at Bapuji Institute of Engineering & Technology	06	16/10/2023 to 21/10/2023.
2.	Completed 1 Month Internship from 06.04.2023 to 05.05.2023 By STEP, NITK.	30	06.04.2023 to 05.05.2023
3.	Participated and successfully completed One Week AICTE–VTU Joint Teachers Training Program on “Introduction to Python Programming & its Applications”	05	13th to 17th March 2023
4.	Attended 5 Days FDP on “Data Analytics and Data Science”	05	30/01/2023 to 03/02/2023
5.	Attended 3 Days FDP on “Introduction to Python Programming”	03	12/12/2022 to 14/12/2022
6.			
7.	Participated in 1 week FDP on “Taking Research to next Level” by SVCE	05	26/9/2022-30/9/2022
8.	Organized and Conducted 3 Days Workshop on Database Application Development for 5 th semester Students.	03	11/01/2022-13/01/2022
9.	Attended 1 week FDP on Signal Processing and its Applications using machine learning.	06	13/09/2021-18/09/2021
10.	Attended 1 week FDP on Design Thinking by VTU e-Learning Center VVCE, Mysore.	07	07/03/2022-12/03/2022
11.	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
12.	Completed 2 weeks FDP on RLanguage and RStudio.	14	22/06/2020 to 05/07/2020

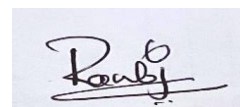
13.	Participated in 5 days FDP on “NBA and NAAC Accreditation Process”	05	04/6/2020-8/6/2020
14.	Attended 1 week short term training program on “Effective Teaching” through ICT academy.	05	15/07/2019 to 19/07/2019
15.	Attended 2days National level Seminar on “IoTs In Transforming Rural Healthcare System and Point of care testing”	02	8th and 9th December 2017.
16.	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:

- Radiology Report Generation for Scanned Images through Transfer Learning in IJIRSET.
- 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 IJIRCCE, 2015 by Ranjana B Jadekar, and Shivanand M Patil,



(Ranjana B Jadekar)