Arjun H
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Objective

To impart quality education with emphasis on Information Technology Engineering and to rectify IT problems in minds of concerned one's, which they can apply in their professional life.

Research Interests

- Programming Languages.
- Artificial Intelligence.
- Internet of things.
- Cloud Computing.
- Machine Learning.
- Advanced Algorithms.
- Cyber Security.

Academic Profile

Visvesvaraya Technological University, Belagavi   **2013-2015**

Master of Technology (M.Tech), Computer Science & Engineering, Sri Taralabalu Jagadguru Institute of Engineering and Technology, Ranebennuru.

Visvesvaraya Technological University, Belagavi   **2008-2012**

Bachelor of Engineering (B.E), Computer Science & Engineering, Proudhadevaraya Institute of and Technology, Hosapete.

Teaching Experience

- Registerd for Ph.D-2023_24 under the Guidance of Dr. Gururaj T at Research center BIET, Davanagere.
- Assistant Professor in CSE department, B.I.E.T, Davanagere from 01/12/2021 to till now.
- Head of the Department in Jain Polytechnic, Davanagere from 01/07/2016 to 25/11/2021.

Subjects Handled

- C Programming for problem solving.
- Data Structure using C.

- Computer Network.
- Software Engineering.
- Advanced Algorithm.
- Data Base Management System.
- Software Testing.

Corporate Experience

- Had the 6 months of project training from 1st October 2014 to 30th April 2015 at JLOG Technologies.pvt.ltd, Bangalore.

Responsibilities @BIET

- Department Review meeting Coordinator.
- Department (Program) NAAC Coordinator for Criteria-2.
- Department (Program) NBA Coordinator for Criteria-5.
- Department Time Table Coordinator 2022-23.
- Department CIE Coordinator.
- Department Placement Coordinator.
- Department Faculty Appraisal coordinator.
- Department ERP coordinator.

Achievements

- Organized and Coordinator for the event Internal Hackthon for **Manthon-2023** held on 27th January, 2023 at Institute Level, BIET, Davanagere.

- Organized and Coordinator for 5 days FDP on "Microsoft Power-BI Data Analyst Associate held on 10th October, 2022 to 14th October, 2022 at BIET, Davanagere

- Participated in the Student Project Programme (SPP) conducted by **KSCST(IISc)** during the year 2021-2022(45th series) and completed the project entitled **"Analysis and Identification of Gastrointestinal Diseases using Deep Learning"** held at Visvesvaraya Technological University, Belagavi on 12th and 13th August, 2022.

- Myself has been awarded as the **Best Mentor** for the Project titled **"Analysis and Identification of Gastrointestinal Diseases using Deep Learning"** in Progyan 4.0: In-House Project Exhibition held on 21st and 22nd April 2022 at BIET, Davanagere.

- Participated in the Student Project Programme (SPP) conducted by **KSCST(IISc)** during the year 2011-2012(35th series) and completed the project entitled **"Secure Multicasting in Wireless Network to Resist Various Attacks"** held at SDM Institute of Technology, Ujire, Dharmasthala, on 13th and 14th July 2012.

Project Guidance

- Under my guidance 3 projects has been shortlisted for final round of 45th and 46th SERIES OF STUDENT PROJECTS PROGRAMME-KSCST 2021-22 and 2022-23 respectively.

  - DEEP CARDIOVASCULAR LEARNING ALGORITHM FOR ANALYSIS AND PREDICTION DISEASE: A CASE STUDY OF CARDIOVASCULAR DISEASE AFTER COVID-19.
  - ANALYSIS AND IDENTIFICATION OF GASTROINTESTINAL OF DISEASE COVID-19 DETECTION USING DEEP LEARNING APPROACH: STUDY ON GASTROINTESTINAL DISEASE.
  - SAFETY GADGET:AN IOT BASED SECURITY SYSTEM.
  - Guided on VIDEO AND MUSIC RECOMMENDATION BASED ON FACIAL EXPRESSION for the year of 2022-23.
  - Presently Guiding ADVANCED DETECTION OF KIDNEY STONE, CYST AND TUMOR THROUGH DEEP LEARNING METHODS for the year of 2023-24.
  - Presently Guiding CITRIC LEAF DISEASE DETECTION USING DEEP LEARNING for the year of 2023-24.

List of Publications

- Published paper in Technische Sicherheit, ISSN NO: 1434-9728, Volume 23, Issue 12, December 2023, **Scopus-Ranked Q4 in SJR on "Safeguarding Digital Spaces: Employing NLP and Machine Learning to Combat Intimidator on Social Platforms".**

- Published paper in International Journal of Innovative Research in Science, Engineering and Technology on the topic **"Safety Gadget: An Iot Based Security System",** Volume 12 Issue 4, April 2023.

- Published paper in International Journal of Innovative Research in Computer and Communication Engineering on the topic "**Video and Music Recommendation Based on Facial Expression**", Volume 11 Issue 4, April 2023.

- Published paper in International Journal of Innovative Research in Computer and Communication Engineering on the topic "**A System for Denial-of-Services Attack detection Based on Multivariate Correlation Analysis**", Volume 3 Issue 4, April 2015.

Seminars/Workshops/FDP Attended

- Attended 6 days ATAL FDP on **"Agile Software Evolution and Microservices Mastery"** on 16th October, 2023 to 21st October 2023 held at BIET, Davanagere.

- Attended 5 days FDP on **"Internet of things and its application"** on 16th October, 2023 to 20th October, 2023 held at SJM Institute of Technology, Chitradurga-577502.

- Attended 5 days FDP on **"Microsoft Azure AI engineer Associate"** on 28th August, 2023 to 01st September, 2023 held at BIET, Davanagere.

- Attended 8 days FDP on **"Google Analytics & Tools for Data Visualization"** on 24th July, 2023 to 01st August, 2023 held at BIET, Davanagere.

- Attended one day FDP on **"Data analytics/ Data management"** on 07th, July, 2023 held at BIET, Davanagere.

- Participated in the seminar on **"Best Practices for New Education Policy(NEP)- 2020 in Higher Education Institutions"** on 21ˢᵗ February, 2023 held at BIET, Davanagere.

- Participated in one day workshop on **"Fine Tuning of NEP Compliance Syllabus-Disciplines under CSE Board of VTU "** on 20th April,2022 held at SJCIT,Chickballapura.

- Attended Six days Workshop on "**Embarking on Open Source Software in an Engineering & Research Journey"** on 19ᵗʰ April 2022 to 24ᵗʰ April 2022 held at BIET, Davanagere.

- Participated in 2 days workshop on **"National Cyber Safety and Security Standards"** on 06th January,2022 to 07th January,2022 held at BIET, Davanagere.

- Attended Five days Workshop on **"Machine Learning & Deep learning using Python"** on 04ᵗʰ January 2022 to 08ᵗʰ January 2022 conducted by AICTE.

- Attended Five days Workshop on **"Artificial Intelligence with Internet of Things"** on 13ᵗʰ December to 17ᵗʰ December 2021 held at AMC Engineering College, Bengaluru.

- Attended Two days Faculty Development Program on **"Implementation of National Education Policy-2020"** on 10ᵗʰ and 11ᵗʰ December 2021 held at BIET, Davangere.

- Attended Five days Workshop on **"Internet of things"** on 5ᵗʰ October to 9ᵗʰ October 2020 held at SIT, kalburgi.

- Attended Two days Workshop on **"Storage Area Network (SAN) Configuration and Management "** on 8ᵗʰ November to 9ᵗʰ November 2014 by Data life Cycle company, Bengaluru held at STJIT college, Ranebennuru.

Patents

- Indian Patent: Filed an Indian Patent on 03/01/2023 and its title is **"Artificial Intelligence Based Smart Watch to Diagnose Parkinson's Disease using efficient Gait Analysis",** Patent Application Number is 02341000248 A and the application is published on 06/01/2023.

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