

**Dr. ARUN KUMAR
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Assistant Professor
CSE Department, BIET.

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Objective

To get elevated in the field assigned, by exploring my skills and working hard as true to my Conscience for the upliftment of the organization as well as my personal growth.

Research Interests

- Data Mining, Data science
- Artificial Intelligence and Machine Learning

Academic Profile

Visvesvaraya Technological University, Belagavi

2021

Doctor of Philosophy (Ph.D), Computer Science & Engineering. Research in “Optimized Data Mining and Machine Learning Techniques for Spatial Outlier Detection and Removal in Precision Agriculture” Guided by Dr. Nirmala C R, Prof & Head, Dept of CSE , BIET, Research Centre @ Bapuji Institute of Engineering & Technology, Davangere.

Visvesvaraya Technological University, Belagavi

2013

Master of Technology (M.tech), Computer Science and Engineering, Bapuji Institute of Engineering and Technology, Davanagere.

Visvesvaraya Technological University, Belagavi

2010

Bachelor of Engineering (B.E), Information Science and Engineering, Tontadarya College of Engineering, Gadag.

Teaching Experience

Assistant Professor

Department of Computer Science, Bapuji Institute of Engineering & Technology, Davangere, from January 2014-till date.

Assistant Professor

Department of Computer Science, M.S. Bidve College of Engineering, Latur from Aug -2013 to Jan-2014.

Lecturer

Department of Computer Science, Margdarshan Institute of Technology (MIT), Ilkal from Sept-2010 to Jan-2011.

Professional Memberships

- The Indian Society for Technical Education - LM 125350
- Institute of Engineers – AM1916133

Achievements

- Applied and published 1 patent
- Got Certificate of Appreciation for Adopting Impartus Lecture Capture and being the Part of the Digital Revolution in Education.

Subjects Handled

Computer Networks (I & II), Advances in computer networks, Advanced Java and J2EE, System Modeling and Simulation, Embedded computing system, Programming in C and Data structures, Software Engineering, Data Mining, Operating Systems, Web Programming, Data structures using C, Artificial Intelligence and Machine Learning.

Additional Roles @ BIET

- NIRF Coordinator (Department level)
- NBA Criteria 6 (Team member)
- NAAC Criteria 6 (Head)
- BIETECH VOICE-Coordinator (Department level)

Patents

- Artificial Intelligence Based Internet of Vehicles (IoV) System to Prevent Road Accidents. (Application No-202141011709 : Filing Date-19/3/2021 : Published Date-26/3/2021 : Type - National)

List of Publications

- Dr. Roopa G M, Dr. Pradeep N and Arun Kumar G Hiremath, AGRO-CHAIN: Blockchain Powered Micro-Financial Assistance for Farmers, Volume 1, CRC Press, **Taylor & Francis Group**, 2021.
- Arun Kumar G Hiremath, Dr.Nirmala C R, An Entropy Based Method for Outlier Detection and Removal in the Agriculture Data,International Journal of All Research Education and Scientific

Methods, Volume 8, Pages 1155-1161, 2021.

- Dr. Roopa G M, Arun Kumar G Hiremath, Naveen Kumar K R, Dr.Nirmala C R, Optimized Data Mining Techniques for Outlier Detection, Removal, and Management Zone Delineation for Yield Prediction Modern Techniques for Agricultural Disease Management and Crop Yield Prediction, Pages 222-258 DOI:10.4018/978-1-5225-9632-5.ch010 (**SCOPUS Indexed**), 2019.
- Arun Kumar G Hiremath, Dr. Nirmala C R, Outlier Detection and Removal with Spatial Algorithm in Agriculture Data for Davangere Region, International Conference on Recent Multidisciplinary Research ICRMR-2018.
- Arun Kumar G H, Dr. Nirmala C R, Intelligent Virtual Assistant Using Ibm Bluemix And Watson Services, International Journal of Engineering and Manufacturing Science, (NCRAECE), Volume 8, Pages 13-21, 2018.

Seminars/Workshops Attended

- Participated in AICTE Sponsored 6 Day Online Short Term Training Programme on Block chain Technology and Its Applications, organised by East West Institute of Technology, Bangalore, from Nov 09 to 14, 2020.
- Attended One day online webinar organized by ECE Dept., BIET Davangere on Remote lab platform for hardware circuit experiments, on 10/11/2020.
- Attended AICTE Sponsored one week Faculty Development Program on Modern trends in AI and Machine Learning, 11th to 16th January 2021.
- Attended AICTE Sponsored one week Faculty Development Program on Modern trends in AI and Machine Learning from 11th to 16th January 2021.
- Attended Awareness Workshop – NIRF India Rankings – 2021 for Higher Educational Institutions organized by Institute for Academic excellence in collaboration with collegiate Education & Technical education department Govt of Telangana on 18th and 19th January 2021.
- Participated in the “Three Days Workshop on Data Structures Using Python” organized by the Department of Computer Science and Engineering, VVCE Mysuru from August 18 2020 to August 20 2020.
- Attended One week online FDP on “Trends in Data Science” from 10th-Aug-2020 to 14th-Aug-2020, Organized by MCA Dept, JNNCE, Shivamogga.
- Participated in the 5 Days Faculty Development Program on “Data Science and Big Data Analytics” conducted by ICT Academy from 21st January to 25th January 2020.
- Attended a one day workshop on “IOT IN AGRICULTURE: KARNATAKA FOCUS” organized by Vision Group of Science and Technology on 17th August, 2019, Indian Institute of Science Campus, Bangalore.
- Actively Participated in Industry Workshop on “Machine Learning to Deep Learning” organized by Dept of CSE, BIET in association with BCIC,Bangalore on 23-Feb-2019.

- Actively involved in organizing 2-Day Bootcamp and 24 hrs Hackathon on “Building Chatbots using IBM-Watson” organized by SmartBridge in collaboration with IBM held at BIET, during the 11th, 12th and 13th October 2018.
- Actively Involved in Organizing 24 hrs Non- Stop “LEARNATHON - Student Championship 2018” Conducted by Salesforce & ICT Academy Hosted by the Department of Computer Science & Engineering during 2nd and 3rd Feb 2018.
- Attended 2-Days National Seminar on “Data Science and Analytics” organized by the Dept of Computer Applications, PES University, Bangalore on 10th - 11th Nov, 2017.
- Participated in the Faculty Development Programme on “Smart Living- Opportunities and Challenges (IoT)” held on 10th Feb 2017 at TCS, Bangalore.
- Participated in the Workshop on “Intellectual Property Rights” organized by the Research & Development Cell of BIET, Davangere held on 6th April 2017.
- Participated in a One week ISTE Approved Workshop on “Recent Research Trends in Information Technology – vol.1” organized by Dept. of IT, MPSTME (Mumbai Campus) from 13th-17th Jul 2015.
- Participated in the International conference on “Applied and Theoretical Computing and Communication technology (iCATccT -2015)” held at BIET, Davangere during 29-31 October 2015.
- Participated in the 2-Days Faculty Development Program on “Programming in C and Data structure” held on July 24 - 25, 2014 at RNSIT, Bangalore.
- Attended Workshop on “Android Application Development” held on 26th march 2014 at BIET, Davangere.

Dr. Arun Kumar G Hiremath

ASSISTANT PROFESSOR

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Davanagere - 577004