

Dr. A. Bhuvaneshwari, M.Sc., M.Phil., Ph.D.,

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Mobile No: 9442549519

Career Objectives

- To teach and mentor students in Computer Science while contributing to the growth of the College.
- To secure a position as an assistant professor that will enable me to utilize my teaching experience and strong communication skills.

EDUCATION

Bachelor of Computer Science

Nehru Memorial College, Puthanampatti, Graduated, 2014 with 70%
Bharathidasan University
Tiruchirappalli, Tamil Nadu, India.

Master of Computer Science

Nehru Memorial College, Puthanampatti, Graduated, 2016 with 72%
Bharathidasan University
Tiruchirappalli, Tamil Nadu, India.

Master of Philosophy

Nehru Memorial College, Puthanampatti, Graduated, 2017 with 89%
Bharathidasan University
Tiruchirappalli, Tamil Nadu, India.

Doctor of Philosophy

St. Joseph's College Graduated, 2023
(Autonomous), Bharathidasan
University Tiruchirappalli, Tamil
Nadu, India.

WORK EXPERIENCE

- **Assistant Professor and Vice President**, Department of Information Technology, at St. Joseph's College, Tiruchirappalli-2, Tamilnadu, India. **(2024 June to Present)**
 - Assistant Professor, Department of B.VOC SD & SA at St. Joseph's College Tiruchirappalli-2 (2023 February – May 2024), Tamilnadu, India.
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Additional Skills

- I have finished Data Science developer Trainer at Besant Technology, Chennai. (June 2023 – December 2023).
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COMPUTER LANGUAGES

- Python, Java, SQL
 - Web Technology
 - ASP.NET, VB.NET
 - PowerBI, Tableau
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INTERESTED AREAS

- Image Processing
 - Data Science
 - Computer Networks
 - Operating System
 - Database Management System
 - Cloud Computing
 - IoT
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LANGUAGES KNOW

- Tamil
 - English
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PATENT (4)

- AI- Based on smart voice and sense-assisted lightning system for building, **UK- Patent (International), Application Number: 6423602**, February 1 – 2025
 - Smart Device For **Testing Alcohol And Drug Breath**, Application No: 6388118, Certificate of UK Design (International), September 10- 2024. **Granted.** <https://www.registered-design.service.gov.uk/find/>
 - Smart Design for **Improving Accuracy and Prediction of MRI Brain Tumor Images**, Application No: 6408956, Certificate of UK Design (International), December 4- 2024, **Granted.** <https://www.registered-design.service.gov.uk/find/6408956>
 - **Internet of Things enabled Artificial Intelligence-based Electrical Power Theft Detection and Prevention System**, Application No: 202241033085, Publication Date: 17.06.2022 (**Published**) (National).
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ARTICLE PUBLICATIONS (7)

- Dr.S. Britto Ramesh Kumar and A. Bhuvaneshwari **“An Efficient BRITWARI Technique to Enhance Canny Edge Detection Algorithm usingDeep Learning”** ICTACT Journal on Soft Computing, Volume: 12, Issue: 03, April 2022. (UGC Care)
 - A.Bhuvaneshwari and Dr. S. Britto Ramesh Kumar, **“Domain Specific ANNHeuristic Edge Detection Algorithm using MRI brain tumor images [DAHEDA]”**, Journal of Algebraic Statistics, Volume 13, Issue 1, Pages 447-454, 2022. (WoS)
 - A.Bhuvaneshwari and Dr. S. Britto Ramesh Kumar, **“A Comparative Study and Survey on Different Types of Methods in Edge Detection Algorithms”**, International Advanced Research Journal in Science, Engineering and Technology Impact Factor 7.105, Vol. 9, Issue 5, May 2022. (UGC Care)
 - A.Bhuvaneshwari and Dr. S. Britto Ramesh Kumar **“An Enhancing Canny Edge Detection Using SUSAN Filter Based on Deep Learning Algorithm ForImproved Image Edge Detection”**, Webology (ISSN: 1735-188X) Volume 18, Number 6, 2021. (Scopus)
 - **A. Bhuvaneshwari** and Dr. S. Britto Ramesh Kumar, **“A COMPARATIVE STUDY ON VARIOUS EDGE DETECTION METHODS USING DEEP LEARNING”**, Shodhasamhita: Journal of Fundamental & Comparative Research Vol.VIII, No. 1(XIX): 2022. ISSN: 2277-7067.
 - **Dr.A.Bhuvaneshwari** and Dr.J.Jenifer, **“Artificial Intelligence Revolution: Transformative Innovations in Machine Learning and Deep Learning for A Smarter Future”**, IAPQR Transaction, ISSN 0970-0102 ; Vol. 49, Issue 02, No. 03 : 2024.
 - Dr.J.Jenifer and **Dr.A.Bhuvaneshwari**, **“Comparative Study on IOT and Machine Learning Applications in Smart City Traffic Prediction and Management”** INTERNATIONAL JOURNAL OF APPLIED ETHICS ISSN: 2321-2497, Volume :10, No.02, 2024.
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PERSONAL

Gender : Female
Marital Status : Unmarried
DoB : 20/04/1994
State : Tamilnadu
Nationality : India

ADDRESS

D/O R.Athiyappan,
Ranjitha Goudar Thottam, 4 Road,
M.V.Coloni(PO), Attur(TK), Salem(DT)
Tamilnadu, India-636121

Declaration:

I hereby declare that the information contained herein is true
and correct to the best of my knowledge and belief.

Dr.A.Bhuvaneshwari

