




Bharathiar University

State University | "A++" Grade by NAAC | 26th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr S BHARATHI Assistant Professor PG Extension and Research Center Bharathiar University TIRUPPUR, 641687 Tamil Nadu E-mail: bharathi.pge@buc.edu.in Phone: 9865880034 Office Number:	
Research Area • Topology	Courses Teaching • Assistant Professor- Senoir Scale
Research Experience: 12	Teaching Experience: 18
Research Credentials (as on December 2024 – Source: Scopus) H-index: 2 Citations: i10-index:	
Patents : Filed: 1	
Publications International Journals: 41 National Journals: 2	
Career At Bharathiar University 1. Designation : Lecturer Period : June 2005 - February 2009 2. Designation : Assistant Professor Period : August 2015 - Till Date Other Institutes 1. Designation : Assistant Professor Institution Name : PSG Institute of Applied Research Period : May 2015 - July 2015 2. Designation : Assistant Professor Institution Name : Angel College of Engineering and Technology Period : February 2009 - April 2015	
Education Ph. D. Subject : Mathematics Institution : Govt Arts College, Coimbatore Affiliated University : Bharathiar Year of Award : March 2014 M. Phil. Subject : Mathematics Institution : Bharathiar University Affiliated University : Bharathiar Year of Award : April 2007 M. Sc. Subject : Mathematics Institution : Bharathiar University(Univ Dept) Affiliated University : Bharathiar Year of Award : April 2004	



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Dr S BHARATHI , Assistant Professor , PG Extension and Research Center

B. Sc.

Subject : Mathematics

Institution : chikkanna Govt Arts college

Affiliated University : Bharathiar

Year of Award : April 2002

Projects

Research Guidance

Completed

Ph.D. - 3

Patents

Filed - 1

1. AN INTELLIGENT EARPHONE FOR REMOTE HEALTH MONITORING USING ARTIFICIAL INTELLIGENCE
03-2023 202141009376 bharathi s , savitha k k

Selected Publications

1. Neutrosophic Rough Similarity Measure based tangent function, Advances in Nonlinear Variational Inequalities

Advances in Nonlinear Variational Inequalities (January 2025)
S. Bharathi , K. Arulmani

2. Type 2 Diabetes Prediction using Topological Data Analysis with Deep Learning techniques

African Journal of Biological Sciences (August 2024)
S. Bharathi , Sangeetha.R

3. Distance Measures Insights For Breast Cancer Analysis Using K-NN Algorithm

Journal Of Advanced Zoology , Vol. 45 No. 3 (2024), 923–928 (June 2024)
Dr.S.Bharathi, Krithika.L

4. Breast Cancer Recurrence Analysis Using Distance Measures In K-Nn Algorithm

Journal of population therapeutics and clinical pharmacology, vol 31, No7 (2024) pp:285- 290 (June 2024)
Dr.S.Bharathi, Krithika.L

5. L, K-Nn Version Metrics for Predicting Breast Cancer Survival

African Journal of Biological Sciences. 6(1) (2024) 429-435, doi: 10.33472/AFJBS.6.1.2024.429-435 (January 2024)
Dr. S. Bharathi, Poongodi.D2*, Krithika.L3

6. Facial recognition using local neutrosophic rough sets and Machine learning : A novel feature reduction

Technique

International Journal of communication networks and information security (December 2023)
S. Bharathi , K. Arulmani

7. Soft B Compactness In Soft Tritopological Spaces

AIP Conference proceedings 2516 (November 2022)
S.Bharathi and T.Devi

8. Optimal Solution Concept In Fuzzy Matrix Games In Degree Of Attainments Of Fuzzy Goals

Shodha Prabha (September 2022)
Vimala, K., & Bharathi, S

9. Multi agent Markov games: Symmetric and asymmetric approach

International journal of Health Sciences (May 2022)
Vimala, K., & Bharathi, S



10. Cooperative solutions for TU and NTU stochastic game-theoretical approach

International Journal of Health Sciences (April 2022)

Vimala, K., & Bharathi, S