

Dr. E. BHARATHI

**Assistant Professor & Head,
Department of Computer Science & Applications
Government Arts and Science College,
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Objectives

- To take up a challenging job
- Seeking an opportunity to play a creative role in the field

Educational Qualifications

S. No.	Degree	University	Year of Passing	Class/ Percentage
1	Ph.D	Bharathiar University Coimbatore,Tamil Nadu, India	2019	
2	SET	Bharathiar University Coimbatore,Tamil Nadu, India	2012	Pass
3	M.Phil.,	Periyar University Salem, Tamil Nadu, India	2007	I Class
4	M.C.A.	Bharathiar University Coimbatore, TamilNadu, India	2003	I Class
5	B.Sc (Computer Science)	Bharathiar University Coimbatore,Tamil Nadu, India	2000	I Class

Teaching Experience: (15 Years 1 Month)

Institution	Duration	No. of Years
Government arts and Science College, Sathyamangalam	Oct 2017 to Till Date	4 Years
Government Thirumagal Mills College, Gudiyattam	July 2015 to October 2017	2 Years 4 Months

Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore	June 2006 to Dec 2014	8 Years 7 Months
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Subjects Taught

Computer Networks	Software Engineering
Object Oriented Programming	Object Oriented Analysis and Design
Digital Logic and Design	Computer Organizations
Database Management Systems	Software Project Management
Operating Systems	Unix and Network Programming
Data Structures	Problem Solving Techniques

Specialization

Computer Networks, Image Processing

Responsibilities Hold

- Examiner for various Autonomous Colleges
- Admission Committee Member
- Anti-ragging Committee Member
- Disciplinary Committee Member
- More than fifty major projects of MCA and M.Sc courses have been guided
- More than forty mini projects have been guided at B.Sc. and BCA level
- Question Paper Setter and valuator for various Autonomous Institutions
- Doctoral Committee Member in Research

M.Phil Guidance

- Produced 3 M.Phil Scholars - (Bharathiar University)
- Produced 2 M.Phil Scholars - (Thiruvalluvar University)

Journal Papers

- (E.Bharathi and Dr.A.Marimuthu) “**Design Architecture for Next Generation Mobile Technology**”, Journal of Engineering Trends & Technology, Vol2.Issue3- Nov 2011, Pp: 54-59, ISSN: 2231-5381.
- (E.Bharathi and Dr.A.Marimuthu) “**Performance Analysis of Symmetric Encryption Techniques**”, Journal of Computer Network and Security, Vol5.No.1- Jan-March 2013, Pp: 1-4.
- (Mrs.S.Kavitha, Mrs.E.Bharathi) “**Outsider Attack Prevention in Unobservable Secure Routing Protocol for Mobile Ad Hoc Networks**” International Journal of Engineering Research and Technology , Vol:2 Issue:9, Regno: IJERTV21S90058 (ISSN: 2278-0181 Online) September 2013.
- (Mrs.S.Kavitha, Mrs.E.Bharathi) “**Reduction of Overhead Caused by Enhanced Adaptive Acknowledgement with Broadcast Algorithm for Mobile Ad Hoc Networks**”, International Journal of Computer Science and Technology, Vol:5 Issue: 1 (ISSN: 0976-8491Online) | (ISSN:2229-4333 Print) January- March 2014.
- (Mrs.E.Bharathi) “**An Innovative Algorithm to Mine Secret Convention of Gastric Cancer Data Based on Ontology**”, International Journal of Computer Techniques, Vol. 5 Issue:6 2018.
- (Mrs.E.Bharathi) “**Detecting Fake Accounts in Social Network Sites and Preventing From Participating in Online Promotions and Events**”, International Journal of Computer Techniques, Vol. 5 Issue:6 2018.
- (Dr.E.Bharathi) “**Wireless Sensor Networks Consistent and Honest Routing Scheme**”, Anvesak A bi-annual Journal, Vol.51 No. 01(XXI) (ISSN: 0378 – 4568) January – June 2021.
- (Dr.E.Bharathi) “**A System for Neural Network Computing using Asynchronous Federated Learning**”, Journal of Fundamental & Comparative Research(Shodhsamhita) (Print only) (ISSN: 2277-7067) September 2021.

Other Professional Activities

- Attended the National Seminar on “**Blooming Trends in Information Technology**” and presented a paper on “**Cryptography**”, held at Dr.NGP Arts & Science College, Coimbatore. Held on 1st March 2007.
- Attended the National Seminar on “**Changing Face of Indian Banking**” and presented a paper on “**E-Banking**”, held at Dr.G R Damodaran College of Science, Coimbatore. Held on 21st February 2008.
- Attended the IEEE MAS sponsored **Workshop** on “**Next Generation Wireless Networks**”, organized by Department of ECE and IEEE Student Branch, Knowledge Institute of Technology, Salem. Held on 16th & 17th December 2011.

- Attended the **Faculty Development Programme** on “**Effective Research**” held at Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore. Held on 7th January 2012.
- Attended the **Faculty Development Programme** on “Research and Teaching” held at Dr.SNS Rajalakshmi College of Arts and Science, Coimbatore. Held on 4th & 5th June 2012.
- Attended the National Seminar on “**Innovations in Communicative World** “and presented a paper on “**Survey on Cryptography**”, held at Dr.NGP Arts & Science College, Coimbatore. Held on 27th September 2012.
- Attended the Inter National Seminar and Presented paper entitled “**Intrusion Detection System in Unobservable Secure On-Demand Routing Protocol for Mobile Ad Hoc Networks**” held at Hindusthan College of Arts and Science, Coimbatore. Held on 17th December 2013.
- Acted as a Chief Guest and delivered a talk on “**Recent Trends in IT**” held at Shanmuga Industries Arts and Science College, Thiruvannamalai. Held on 29th January 2016.
- Attended the UGC sponsored International Seminar on “**Science of Learning and Teaching**”, held at Mazharul Uloom College, Ambur. Held on 8th October 2016.
- Attended the **TANSCHE** Sponsored one day National level Seminar on “**Ethical Challenges in Cyber Security**”, held at Erode Arts and Science College (Autonomous), Erode. Held on 21.02.2020.
- **NPTEL-AICTE** Faculty Development Programme completed in “**Cloud Computing**” Course.
- **NPTEL Online Certification** course completed in “**Cloud Computing**”, held on August-October 2019.

Certificate of Grant Innovation Patent

- Title of Invention: **Wind turbine nacelle with phase change material which controls temperature using AI**

Patent number: 2021102254