

## **Faculty Profile of Dr. S. Gavaskar**



**Dr. S. Gavaskar**  
**Assistant Professor**  
**Department of Computer Applications**

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Phone No:0422 2428605

Mobile No:+91 9710908460

### **Research Area**

- Wireless Sensor Network
- Machine Learning
- Data Mining

### **Education**

**Ph.D.**

Subject : Computer Science  
Institution : Madurai Kamaraj Univeristy  
Affiliated University : Madurai Kamaraj Univeristy  
Year of Award : 2013

**M.C.A.,**

Subject: Computer Application  
Institution : Madras University  
Affiliated University : Madras University  
Year of Award : 2003

**B.Sc.,**

Subject: Mathematics  
Institution: A.M Jain College  
Affiliated University: Madras University  
Year of Award: 2000

**Career**

**At Bharathiar University (Reverse Order)**

Assistant Professor : April 2015 to Till Date

**Past Experience**

Assistant Professor : August 2013 to April 2015 at Galgotias University

**Awards**

**Membership**

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**Membership in Professional Bodies**

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**1.Organization :** Bharathiar University

**Type of Membership :** Member, Doctoral Committee Meeting at Bharathiar

University, Coimbatore

**Period :** 2015-2040

**2.Organization :** Bharathiar University

**Type of Membership :** Member, Board of Studies in Department of computer Applications at Bharathiar University, Coimbatore

**Period :** 2015-2040

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### **Membership in Academic Bodies**

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**1.Organization :** Life time Indian Science congress Association (ISCA)

**Type of Membership :** Life Time

**Period :** 2014-2030

**2.Organization :** Life time Association of Computing Machinery (ACM)

**Type of Membership :** Life Time

**Period :** 2014-2030

### **Visits**

**1.Countries Visits :** Tanzania

**Duration of Visit :** 15 Days

**Month and Year :** March 2014

**Purpose of Visit :** Collaboration Between Institute of Accountancy Arusha and Galgotias University

**2.Countries Visits :** Tanzania

**Duration of Visit :** 15 Days

**Month and Year :** October 2014

**Purpose of Visit :** Collaboration Between Institute of Accountancy Arusha and Galgotias University

### **Collaborators**

## Others

### Funded Projects (National Level)

- [Ongoing](#)
- [Completed](#)

Ongoing Projects List with necessary Information

Completed Projects List with necessary Information

### Consultancy Projects

- [Ongoing](#)
- [Completed](#)

Ongoing Consultancy Project Informations

Completed Consultancy Project Informations

- [Post Doc.](#)
- [Ph.D.](#)
- [M.Phil.](#)
- [M.Sc.](#)

### Ongoing

Title

Name

### Completed

Title

Name

Ongoing

Sample Data.

Completed

**Name of the candidate :** J.Vinoj

**Title of the Dissertation :** TRAFFIC RISK AND ACCIDENT ZONE ALERT USING HBRP ALGORITHM

**Year of Award :** 2020

Ongoing

Sample Data.

Completed

**Name of the candidate :** S. Mathangi

**Title of the Dissertation :** OPTIMISING OF SOLID WASTE MANAGEMENT SYSTEM USING GRAPHICAL USER INTERFACE

**Year of Award :** 2019

Ongoing

Sample Data.

Completed

**1.Name of the candidate :** Vinothini

**Title of the Dissertation :** Computer Ware House Management System

**Year of Award :** 2017

**2.Name of the candidate :** Arjun

**Title of the Dissertation :** Dual Server Public key Encryption Secure for Cloud System

**Year of Award :** 2018

**3.Name of the candidate :** Sneha

**Title of the Dissertation :** Car Sales and Maintenance Management System

**Year of Award :** 2018

**4.Name of the candidate :** S.Dhariani

**Title of the Dissertation :** Enterprise Resource Planning

**Year of Award :** 2018

**5.Name of the candidate :** Renuka Devi

**Title of the Dissertation :** Vehicle rent and service system

**Year of Award :** 2018

**6.Name of the candidate :** AjithKumar

**Title of the Dissertation :** Mobile App Develoment – Chess Academy Application

**Year of Award :** 2016

**7.Name of the candidate :** Keerthana

**Title of the Dissertation :** Analytics In Training and Development

**Year of Award :** 2018

**8.Name of the candidate :** Pavithra

**Title of the Dissertation :** An Detailed Analysis Of Amazon Electronics Products

**Year of Award :** 2018

**9.Name of the candidate :** Kumar

**Title of the Dissertation :** Actitem Application Testing

**Year of Award :** 2018

**10.Name of the candidate :** Yohoshiva

**Title of the Dissertation :** Web Scrapping on Flipkart

**Year of Award :** 2019

**11.Name of the candidate :** Karthikeyan

**Title of the Dissertation :** Twitter Sentiment on Climate Change

**Year of Award :** 2019

**12.Name of the candidate :** Reshma Sureshkumar

**Title of the Dissertation :** Movie review prediction using LSTM Networks

**Year of Award :** 2019

**13.Name of the candidate :** Saranya

**Title of the Dissertation :** Android Ring Mode Changing by sending SMS

**Year of Award :** 2019

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books / Chapters](#)
- [Database](#)

2021

2020 - 1996

28. Finding on Road Risks and Blind Spot Warning system IOT Techniques and HBRP Algorithm

J.Vinoj, Dr.S.Gavaskar

International Journal of Scientific & Technology Research, Volume:9(1), pp.4216-4219, 2019

27. Optimizing of Solid Waste Management System using Graphical User Interface

S.Mathangi, Dr.S.Gavaskar

International Journal of Engineering Research and Technology, Volume:8(9), pp.282-291, 2019.

26. Traffic risk and accident zone alert using HBRP algorithm

J.Vinoj, Dr.S.Gavaskar

WULFENIA, Volume:26(12), pp.81-89, 2019

25. Blind spot warning system-IOT (sensor base) techniques

J.Vinoj, Dr.S.Gavaskar

Journal of Advance research in dynamical & control systems , Volume:11(9), pp.1166-1172, 2019.

24. Survey on Blind Spot Warning system – IOT

Dr.S.Gavaskar, J.Vinoj

International Conference on Intelligent Digital Transformation, 2019, pp.130-134

23. Content Based Image Retrieval Techniques for retrieval of medical images from large medical Datasets

Abirami N , Dr.S.Gavaskar

A Survey International journal of Advanced Research in computer science, Volume:10(1), 2019.

22. Antioxidant anti-microbial and anti-cancer effectiveness of marine macro alga *Ulva fasciata* Delile Biomedical Research

Langeswaran, Santhosh kumar, Gavaskar

Biomedical Research (2019) Volume 30(4), pp.617-627, 2019.



21. Refreshed Arduino Traffic control framework with hindrance

J.Vinoj, Dr.S.Gavaskar

International Journal of scientific research in computer science application and management studies, Volume:7(4), pp.1-8, 2018

20. Survey on Solid Waste Management – IOT Techniques

S.Mathangi, Dr.S.Gavaskar

International Journal of Research in Advent Technology, Volume:6(9) pp.2664-2668

19. Bore well rescue to child using IOT techniques: A Survey

J.Thangaraj, Dr.S.Gavaskar

International Journal of Research in Advent Technology, Volume:6(10), pp:2744-2752, 2018.

18. A Novel Method for rectifying traffic control system to avoid accident with barrier

J.Vinoj, Dr.S.Gavaskar, R.priya

International conference on inventive systems and control (ICISC-2017), pp:1-6, 2017.

17. A Novel Technique to protect human wild animal with arduino and Load cell

J.Vinoj, Dr.S.Gavaskar

International Journal of Scientific Research in computer science, Engineering and information technology, Volume:2(5), pp.1023-1026, 2017.

16. Smart city's vehicle login system with sensor chip

J.Vinoj, Dr.S.Gavaskar, R.priya

IEEE Conference Proceeding. 2016 IEEE International conference on Advances in computer Applications, pp.217-223, 2016.

15. Design and development of pest monitoring system for implementing precision agriculture using IOT

Dr.S.Gavaskar, Dr.A.Sumithra

International journal of science and Technology & Engineering, Volume:3(9), pp.46-48, 2017

14. A Fault Tolerance System for distributed Environment using Check Point Mechanism and Replication

S.Veera Pondi, Dr.S.Gavaskar, Dr.A.Sumithra

International Journal of Computer Applications, Volume:157(4), pp.352-356, 2017.

13. A Noval Approach on Certificate less Encryption Schemes

Rajesh, Dr.S.Gavaskar, Dr.A.Sumithra

International Journal of Computer Applications, Volume 149(12), pp:36-38, 2016.

12. Software Process Improvement Model for Small and Medium Enterprises

Sugnaya, Dr.K.Alagarsamy, Dr.S.Gavaskar

A New Sequential Design – International Journal For Research in Emerging Science

and Technology, Volume:3(7) pp.15-20, 2016

11. A Literature Survey on Improving Fault Tolerance of Software Applications

S.Veera Pondi, Dr.S.Gavaskar, Dr.A.Sumithra

International Journal of Innovative Research in science & Technology, Volume:3(4), pp.352-356. 2016.

10. Prediction-Based NLP System by Boyer-Moore Algorithm for Requirements Elicitation

Dr.A.Sumithra, K.Poongothai, Dr.S.Gavaskar

International Journal of recent trends in Engineering & Research, Volume(3), 2016.

9. A Framework Using Android APP for Smart Governance

Dr.A.Sumithra,Dr.S.Gavaskar

International Journal of Innovative Science, Engineering and Technology,  
Volume:3(3),  
pp.101-105,2016.

8. A Smart Environmental Monitoring System Using Internet of things

Dr.A.Sumithra,Dr.S.Gavaskar

International Journal of Scientific Engineering and Applied  
Science,Volume:2(3)pp.261-265, 2016

7. A Compressed Anti IP Spoofing Mechanism using Cryptography

Mr.S.Gavaskar,Dr.E.Ramaraj

International Journal of Computer Technology and Application  
Volume2(2),pp.242-247. 2014.

6. Efficient Data Mining Algorithm for Reducing High Toll Transactions

Dr.S.Gavaskar

International Journal of Information and Computation Technology,Volume 4(5) ,  
pp. 475-478,2014.

5. A Survey Cost Algorithms for Reducing High Toll Transactions

Dr.S.Gavaskar

International Journal of Computer Science and Telecommunication, Volume:  
5(2),pp.61-63,2014.

4. An Enhanced FDPM method for Network IP attack

Mr. S.Gavaskar ,Dr.E.Ramaraj

International Journal of P2P Network Trends and Technology,Volume:1  
(3),pp.12-17,2011

3. Three Counter Defense Mechanism for TCP SYN Flooding Attacks

Mr.S.Gavaskar,Dr.E.Ramaraj

International Journal of Computer Applications, Volume:6(6),pp.12-15,2010.

2. Health Portal An Android Smarter Health care Application

Dr.S.Gavaskar, Mrs.A.Sumithra

International Journal of Research in Engineering and Technology, Volume :02  
(9),pp.291-295. 2013.

1. GPS Assisted Intelligent Wireless Video Processing and Monitoring using  
Mobile

Dr.S.Gavaskar

International Journal of Advanced Research in Computer science and Software  
Engineering

Volume 3,2013.

2017-2010

## **International Conferences**

Editor of the Book

Chapter in Edited Book