



**Dr.E.George Dharma Prakash Raj**  
**Professor and Chair**

### **Contact**

Address : School of Computer Science, Engineering and Applications  
Khajamalai Campus  
Bharathidasan University  
Tiruchirappalli – 620 023  
Tamil Nadu, INDIA

Employee Number : BDU1670884

Date of Birth : 02-07-1967

Contact Phone (Office) : +91 431 2331663

Contact Phone (Mobile) : +91 9443191790

Contact e-mail(s) : georgeprakashraj@bdu.ac.in

**Academic Qualifications: M.Sc.M.Phil.Ph.D.**

**Teaching Experience: Thirty Three Years**

**Research Experience: Twenty Five Years**

### **Additional Responsibilities**

1. Chair, School of Computer Science, Engineering and Applications,
2. Coordinator – Department of Computer Science and Information Technology – PG Extension Centre – Perambalur
3. Member – Department Research Committee
4. Chairman – Board of Studies – UG Computer Science – 2008 to 2012 and 2015 to 2018

5. Member – Board of Studies – Bharathidasan University - UG Computer Science – 2018 to 2021

### Areas of Research

Computer Networks, Data Science, Cloud Computing, Internet of Things

### Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	16	03
	M.Phil.	38	00
Project	PG	265	14
	UG / Others	-	-

### Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
114	27	Nil	08	10

**Cumulative Impact Factor (as per JCR) :**

**h-index : 10**

**i10 index : 12**

**Total Citations : 458**

<https://scholar.google.co.in/citations?user=qGf3Uc8AAAAJ&hl=en>

### Patents

Patent “Authorized” on “Dynamic Learning Driven Predictive Analytics for Performance Engineering”

### Distinctive Achievements / Awards

Best Paper Awarded Five Times in International Conferences related to Computer Science

### Events Organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 17

### Events Participated

Conferences / Seminars / Workshops: 40

Other Training Programmes: 04

## Overseas Exposure / Visits

1. United States of America
2. Singapore
3. Malaysia

## Membership in

### Professional Bodies

Senior Member, Editorial Board Member and Member in various Research Organizations in India, USA, Singapore and Hong Kong

### Editorial Board

1. Editorial Board Member - International Journal of Advances in Computer Science & Its Applications, 42 Broadway, Suite 12-217, New York, NY 10004, USA
2. Editorial Board Member - International Journal of Digital Information and Wireless Communications, Published by Miramar Tower, 132 Nathan Road, Tsim Sha Tsui, Kowloon, Hong Kong
3. Editorial Board Member - International Journal of Computer Network and Information Security, Modern Education and Computer Science Press, Hong Kong
4. Editorial Board Member - Advances in Interconnect Technologies: An International Journal, AIRCC Publishing Corporation, India
5. Associate Editor - International Journal of Networking, Bioinfo Publications, India

### Advisory Board

Advisory / Programme Committee Member in various National and International Conferences conducted in India, USA, United Kingdom, Czech Republic, Jordan, Tanzania, Libya, Thailand, Malaysia, Lithuania, Poland, Bahrain, Hong Kong, South Korea, Dubai, Turkey, Switzerland, Japan, Lebanon, Thailand, China, France and Bangkok.

### Academic Bodies (such as Board of Studies etc.,)

1. Chairman – Board of Studies – Bharathidasan University - UG Computer Science – 2008 to 2012
2. Chairman – Board of Studies – Bharathidasan University - UG Computer Science – 2015 to 2018
3. Member - Academic Audit - Bharathidasan University

4. Member - Board of Studies – Bharathidasan University - UG Computer Science – 2012 to 2015 and 2018 to 2021
5. Member - Board of Studies - Bharathiar University – Coimbatore 2016-2019
6. Member, Standing Committee on Academic Affairs at Bharathidasan University, Trichy - 2008 – 2012 and 2015 – 2018
7. Member – Board of Studies – Bishop Heber College (Autonomous) – Trichy, St.Josephs College (Autonomous) – Trichy, Jamal Mohamed College (Autonomous) – Trichy, Holy Cross College (Autonomous) – Trichy, Seethalakshmi Ramaswami College (Autonomous) – Trichy, Nehru Memorial College, Puthunampatti, ADM College for Women (Autonomous) - Nagapattinam, Kongu Arts and Science College (Autonomous) – Erode, Sacred Heart College (Autonomous) – Tirupattur, Vellalar College of Engineering and Technology (Autonomous) – Erode
8. Member – Inspection Committee for starting new courses in Computer Science at College's affiliated to Bharathidasan University, Trichy

#### **Others**

1. Member – Doctoral Committee for PhD Scholars (Bharathidasan University, Bharathiar University, Thiruvalluvar University, VIT University, SRM University).
2. Reviewer in International Journals published in India, USA and UK.
3. Reviewer in International Conferences conducted in India, Malaysia, Dubai, Oman and Indonesia.

#### **Resource Persons in Various Capacities**

Number of Invited / Special Lectures delivered: 40

#### **Others**

1. No. of PhD Thesis evaluated : 19
2. No. of PhD Public Viva Voce Examination conducted : 19

#### **Recent Publications**

##### **Journal Publications**

1. S. Hemalatha , E. George Dharma Prakash Raj, Random Waypoint Mobility Routing Algorithm for Mobile Sensor Networks”, International Journal of Engineering Science Technologies, 2023
2. S. Hemalatha , E. George Dharma Prakash Raj,” EERA: Enhanced Efficient Routing Algorithm for Mobile Sensor Network”, International Journal of Computer Science and Network Security, Vol.22 No.9, 2022

3. Kunal Abishek, E.George Dharma Prakash Raj, "On Random Number Generation for Kernel Applications", *Fundamenta Informaticae* 185(4) : 285–311 2022 (SCI)
4. Kunal Abishek, E.George Dharma Prakash Raj," Computational investment in generation of elliptic curves randomly over large prime fields",*Concurrency and Computation, Practise and Evaluation*, Volume 34, Issue 13, 2022 (SCI)
5. S.M. Muthukumari, E. George Dharma Prakash Raj Strategic Review and Framework of Task Scheduling Algorithms in Mobile Edge Computing, *International Journal of Computer Science and Network Security*, VOL.22 No.3, 2022
6. S.M. Muthukumari, E. George Dharma Prakash Raj, "MTSA: Multiple Tasks Scheduling Algorithm based on Server Efficiency in Mobile Edge Computing", *International Journal of Computer Science and Network Security*, Vol. 22 No. 1 pp. 776-780, 2022,
7. Kunal Abishek, E.George Dharma Prakash Raj, "Evaluation of Computational Approaches of Short Weierstrass Elliptic Curves for Cryptography", *Cybernetics and Information Technologies*, Volume 21, Issue 4 2021(Scopus, Web of Science)
8. Kunal Abishek, E.George Dharma Prakash Raj, 'Computation of Trusted Short Weierstrass Elliptic Curves for Cryptography', *Cybernetics and Information Technologies*, Volume 21 Issue 2, 2021(Scopus, Web of Science)
9. S. Hemalatha , E. George Dharma Prakash Raj, "Strategic Survey and Analysis of Routing Algorithms for Mobile Sensor Networks",*International Journal of Advanced Science and Technology*, 29(12s), 2325-2329, 2020 (UGC CARE - Scopus)
10. S.M. Muthukumari, E. George Dharma Prakash Raj, "SESA: Server Efficiency based Scheduling Algorithm for Mobile Edge Computing", *International Journal of Advanced Science and Technology*, 29(5s), 446 - 453, 2020 (UGC CARE - Scopus)

=====