



Dr.E.George Dharma Prakash Raj
Associate Professor

Contact

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

Teaching Experience: Thirty Years

Research Experience: Twenty Two Years

Additional Responsibilities

1. Coordinator – Department of Computer Science and Information Technology – PG Extension Centre - Perambalur
2. Member – Board of Studies – Bharathidasan University - UG Computer Science – 2018 onwards
3. Member – Clean and Green Initiative
4. Member – World Class Curriculum
5. Member - Steering Committee - NAAC
6. Member – Department Research Committee

7. Member – Purchase Committee – Constituent Colleges / Model College / PG Extension
8. Chairman – Board of Studies – UG Computer Science – 2008 to 2012 and 2015 to 2018

Areas of Research

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

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	14	03
	M.Phil.	38	01
Project	PG	230	06
	UG / Others	-	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
110	27	Nil	08	08

Cumulative Impact Factor (as per JCR) :

h-index : 10

i10 index : 10

Total Citations : 426

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

Patents

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

Distinctive Achievements / Awards

1. Best Paper Awarded Four Times in International Conferences related to Computer Science

Events Organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized : 15

Events Participated

Conferences / Seminars / Workshops: 38

Other Training Programs : 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
6. Editorial Board Member - Sacred Heart Journal of Science and Humanities published by Sacret Hearts College, Tirupattur, Vellore District, India

Advisory Board

Advisory / Programme Committe 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.
5. Member – Board of Studies – Bharathidasan University - UG Computer Science – 2018 onwards
6. Member - Board of Studies - Bharathiar University - Coimbatore.
7. Member, Standing Committee on Academic Affairs at Bharathidasan University, Trichy - 2008 – 2012
8. Member, Standing Committee on Academic Affairs at Bharathidasan University, Trichy - 2015 – 2018
9. 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) – Tirupatthur, Vellalar College of Engineering and Technology (Autonomous) – Erode
10. 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: 38

Others

1. No. of PhD Thesis evaluated : 17
2. No. of PhD Public Viva Voce Examination conducted : 17

Recent Publications

Book Chapters

1. S.M. Muthukumari, E. George Dharma Prakash Raj, "The Pivotal Role of Edge Computing With Machine Learning and Its Impact on Healthcare", in the Book Titled "Deep Neural Networks for Multimodal Imaging and Biomedical Applications", pp 219-236, 2020, Publisher : IGI Global, USA
2. S.M. Muthukumari, E. George Dharma Prakash Raj, "ATSA: Ageing-Based Task Scheduling Algorithm for Mobile Edge Computing", in the Book Titled "Advances in Intelligent Systems and Computing", pp 463-471, 2020, Publisher : Springer, Singapore

Journal Papers

1. 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)
2. 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)
3. S L Sanjith, E. George Dharma Prakash Raj, "Reinforcement-based Heterogeneous Ensemble for Anomaly Detection in Streaming Environment", International Journal of Intelligent Enterprise, Vol. 7, Nos. 1/2/3, 2020 (Inderscience - UGC CARE - Scopus)
4. S L Sanjith, E. George Dharma Prakash Raj, "Comparative Analysis of Decentralized Real Time Anomaly Detection Mechanisms for IoT", International Journal of Information Technology and Electrical Engineering, Volume 8, Issue 6, Dec 2019 (UGC CARE - Scopus)
5. S L Sanjith, E. George Dharma Prakash Raj, " A Comprehensive Analysis of Machine Learning Models for Real Time Anomaly Detection in Internet of Things", International Journal of Computer Sciences and Engineering, Vol.-6, Issue-11, Nov 2019
6. S L Sanjith, E. George Dharma Prakash Raj, "Drift Detection Based Model Selection Framework For Real-Time Anomaly Detection In IoT", International Journal of Scientific & Technology Research Volume 8, Issue 09, Sep 2019 (UGC CARE - Scopus)
7. S L Sanjith, E. George Dharma Prakash Raj, "Decentralized Time Window Based Real - Time Anomaly Detection Mechanism (DTRAD) in IoT", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277 – 3878, Volume - 8 Issue - 2, July 2019 (Scopus Journal)
8. Thiruchendhil Arasu, E. George Dharma Prakash Raj, Murali Krishna, "CS360 – Cloud Secure 360 DDoS Loss Calculator", Journal of Analysis and Computation, Volume – 3, June 2019 (UGC Approved Journal)

9. S. Hemalatha , E. George Dharma Prakash Raj, "Enhanced Greedy Perimeter Forwarding Algorithm for Mobile Sensor Network in Cluster region", International Journal of Computer Sciences and Engineering, E-ISSN: 2347-2693,Vol.-7, Issue-6, June 2019 (UGC Approved Journal, Indexed in Indian Citation Index)
10. Thiruchendhil Arasu, E. George Dharma Prakash Raj, "NNACS360 : A Neural Network Algorithm to perform Behavioral Analysis for Cloud Secure 360", International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-05, Issue-01, April 2019 (UGC Approved Journal)

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