

Dr. C. R. DURGA DEVI,

Assistant Professor – Department of Information Technology,

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI.

☎ 8015520396 | ✉ durgadevi@ngmc.org, deviswe@gmail.com

🔗 Scopus ID: 57210587129 | ORCID: 0000-0002-2026-2783



EDUCATIONAL QUALIFICATION

ACADEMIC QUALIFICATION

Year of Passing	Examination	Subject(s)	Board / University	Marks Obtained	Class / Grade
2006	MCA	Computer Applications	Bharathiar University	67.7%	I
2003	B.Sc.	Computer Technology	Bharathiar University	65.5%	I

RESEARCH QUALIFICATION

Year of Passing	Examination	Subject(s)	Board / University
2022	Ph.D.	Computer Science	Bharathiar University
2008	M.Phil.	Computer Science	Bharathiar University

ADDITIONAL QUALIFICATION

Year of Passing	Examination	Subject(s)	Board / University
2013	NET	Computer Applications	UGC
2012	SET	Computer Science	Bharathiar University

PROFESSIONAL EXPERIENCE

Institution	Designation	Department	Period
Nallamuthu Gounder Mahalingam College, Pollachi	Assistant Professor	Information Technology	June 2010 – Till Date
Nallamuthu Gounder Mahalingam College, Pollachi	Assistant Professor	MCA	June 2008 – 2010
Vidyasagar College of Arts and Science, Udumalpet	Lecturer	Computer Applications	December 2006 – June 2008
Michael Job College of Arts and Science, Coimbatore	Lecturer	Computer Applications	June 2006 – December 2006

PUBLICATIONS

1. "Efficient Task Scheduling and Load Balancing Techniques to Optimize Resource Utilization In Cloud Environment" Journal of the Maharaja Sayajirao University of Baroda, Volume 57, Pages 17–23, 2023
2. "Transformation Search: Enhancing Web Page Re-Ranking with Transformer-Based Deep Learning Algorithms" Journal of the Maharaja Sayajirao University of Baroda, Volume 57, Pages 168–175, 2023
3. "Efficient Job Scheduling Using Task Classifier and Firefly Optimization In Cloud" Journal of Xi'an Shiyu University, Natural Science Edition, Volume 16, Pages 107–112, 2020
4. "Support Vector Regression based Mapreduce Throttled Load Balancer for Data Centers " International Journal of Innovative Technology and Exploring Engineering, Vol. 9, Issue 1, Pages 4162–4171, 2019

5. "Implementation of Improved Throttled Load Balancing Algorithm using Cloud Analyst" CiiT International Journal of Programmable Device Circuits and Systems, Volume 11, Pages 202–207, 2019
6. "Multivariate Logistic Regression based Gradient Descent Firefly Optimized Round Robin Scheduling with Big Data" Journal of Advanced Research in Dynamical & Control Systems, Vol. 11, Issue 1, Pages 179–192, 2019
7. "Resource Optimized Ensemble Gradient Boosting Classifier for Traffic Aware Big Data Analytics" Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 03-Special Issue, Pages 839–852, 2018
8. "An Investigation Study on QoS and Traffic Aware Job Scheduling Techniques with Big Data" International Journal of Computer Sciences and Engineering, Volume 5, Pages 1–7, 2017
9. "A Relative Evaluation of the Performance of Ensemble Methods in Credit Scoring" IEEE Xplore Digital Library, ISBN: 978-1-5090-3770-4, March 2017

PAPERS PRESENTED IN CONFERENCE

1.
Presented paper "Multivariate Logistic Regression based Gradient Descent Firefly Optimized Round Robin Scheduling with Big Data" at the International Conference ICCET-2019, Sri Padmavathi Engineering College, Chennai.
2. Presented paper "Resource Optimized Ensemble Gradient Boosting Classifier for Traffic Aware Big Data Analytics" at the International Conference ICCET-2018, Sri Padmavathi Engineering College, Chennai.
3. Presented paper "Implementation of Improved Throttled Load Balancing Algorithm using Cloud Analyst" at the National Level Conference NCCC-2017, Sri Vasavi College, Erode.

4. Presented paper "A Relative Evaluation of the Performance of Ensemble Methods in Credit Scoring" at the 2016 IEEE International Conference, organized by Bharathiar University.

AWARDS & RECOGNITIONS

- Successfully completed the Wipro TalentNext Digital Skills Readiness Program, earning the **title of Wipro Certified Faculty**.
- Recognized as a mentor for Project-Based Learning (PBL) in Java Full Stack, certified on 04-Nov-2022.
- Successfully completed the **Innovation Ambassador (Foundation Level)** Online Training organized by the Ministry of Education's Innovation Cell (MIC) for the academic year 2024–25.

WORKSHOPS / FDPs ATTENDED

Academic Year / Date	Title / Topic	Institution / Organizer	Duration	Type
2023	AI Tools for Teachers	NGM College	10 Days	FDP
2023	Cloud Infrastructure – AWS	Christ University	7 Days	FDP
2022	Java Full Stack Training	WIPRO	19 Days	Industry Training
2023	Cloud Computing	WIPRO	5 Days	Industry Training
2020	Teaching, Learning and Assessment with MOOC	CIT, Coimbatore	5 Days	FDP
2020	Recent Trends in Higher Education	NGM College	3 Days	FDP
2017	Business Analytics using R	SIIMS	1 Day	FDP
2017	Python Programming	MCET	1 Day	Workshop

2016	Hands-on Training on Technology Assisted Teaching Tools	CIT, Coimbatore	2 Days	Workshop
2016	Web Designing	NGM College	1 Day	Workshop
2016	Software Testing	NGM College	1 Day	Workshop

SUMMARY OF PROFESSIONAL RESPONSIBILITIES

- Recognized and approved Research Supervisor for Ph.D. scholars under affiliated university.
- Serving as a Subject Expert on Doctoral Committee Panels, actively contributing to doctoral research evaluations and progress assessments.
- Appointed as Criterion Manager for NAAC Accreditation, overseeing documentation and compliance with accreditation standards.
- Actively serving as a member of the Institution's Innovation Council (IIC).
- Organized events on innovation, entrepreneurship, startups, and hackathons in line with MIC guidelines.
- Successfully completed MOOC courses through SWAYAM-NPTEL to enhance subject knowledge and teaching competencies.
- Published multiple research articles in peer-reviewed international journals, contributing to the body of academic knowledge.
- Presented scholarly papers at various national and international seminars and conferences.
- Participated in numerous Faculty Development Programmes (FDPs) and workshops aimed at continuous professional and pedagogical enhancement.
- Empaneled as an External Examiner for practical examinations across multiple institutions.
- Engaged as a Question Paper Setter for undergraduate and postgraduate examinations in reputed colleges.

- Served as an Evaluator in the Central Valuation of Theory Papers at Bharathiar University.
- Invited as a Resource Person for national-level seminars and faculty development programmes.
- Actively involved in the design and development of curriculum and course syllabi in alignment with academic and industry requirements.
- Served as the Editor of the College Newsletter, managing content creation and editorial direction.
- Proven ability to foster a positive academic environment, maintaining effective rapport with students, faculty, and administrative staff.

PERSONAL DETAILS

Date of Birth: 2nd October 1982

Languages Known: English, Tamil

Marital Status: Married

SIGNATURE

C.R. DURGA DEVI