

RESUME

Mr. G. Sakthivel, M.Sc., M.Phil., M.C.A., B.Ed., SET., (Ph.D)

Assistant Professor & Head

Department of Computer Applications

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<https://scholar.google.com/citations?user=4jn80CEAAAAJ&hl=en>

<https://www.researchgate.net/scientific-contributions/G-Sakthivel-2149635541>

ACADEMIC PROFILE

Course/Exam	School/College/University	Month Year of Passing	Percentage of Marks/Rank /Remark
Ph.D- Computer Science	Periyar University, Salem	Pursuing	-
SET Computer Science	Mother Teresa Women's University Kodaikanal, Tamilnadu.	February - 2016	210
M.Sc-Computer Science	Sacred Heart College (Autonomous) Thiruvallur University Vellore.	April - 2007	77.2
B.Sc- Computer Science	Sacred Heart College (Autonomous) Madras University	April - 2005	63
H.S.C	Govt. B.H.S. School, Mahur - Krishnagiri	March - 2001	56.4
S.S.L.C	Govt. High School, M.Naduapatti - Krishnagiri	March - 1999	59.4

EXAM QUALIFICATION

Qualified SET (Eligibility for Lectureship) year of passing -2016

TITLE OF M.Phil THESIS:

Adaptive Algorithms for Set Containment Joins

TITLE OF M.Sc REPORT:

Online Trading System

FIELD OF RESEARCH

Database System, Big data and Cloud Computing

TEACHING EXPERIENCE

S.No	Name of the University/College/ Institute	Designation held	From	To	YY/MM/DD
1	Sacred Heart College (Autonomous) Madras University	Lecturer	18-06-2008	10-04-2009	00-09-29
2	Marappan Lakshmiamma College Tirupattur	Assistant Professor	01-07-2009	31-05-2010	00-11-00
3	Arignar Anna College (Arts & Science), Krishnagiri	Assistant Professor & Head	22-07-2010	Till Date	13-09-14
Total Experience					15-06-13

PUBLICATIONS

1. An Extensive Survey on Various Set Containment Joins Techniques” in International Journal of Computer Sciences and Engineering, Volume-6, Issue-9, Sep 2018
2. Hybrid Elliptic Curve Cryptography for Secured Cloud Computing” in International Journal of Computer Sciences and Engineering, Volume-7, Issue-1, Jan 2019
3. Advanced Set Containment Join Using PSJ” in Volume 8, Issue 1(January, 2019) of our journal (IJSRCSAMS)
4. Adaptive Optimization for Continuous Multi-Way Joins Using ACO System, International Journal of Computational Intelligence and Informatics, Vol. 9: No. 3, December 2019
5. Advanced set containment deep learned Rabin certificateless signcryption for secured transmission with big data in cloud: wiley online Received: 26 December 2022 Revised: 10 July 2023 Accepted: 13 July 2023 DOI: 10.1002/cpe.7883 <https://orcid.org/0000-0002-6257-7062>

DETAILS OF CONFERENCES

Conferences / Seminar/ Webinar / Workshop Organized	:	04
Paper presentation in conferences	:	08
Conferences / Workshop/ Symposium / FDP attended	:	12

CONFERENCES / SEMINAR/ WEBINAR / WORKSHOP ORGANIZED

1. A One Day National Seminar on INNOWHIZ -2K22 (Intercollegiate Competitions), Organized by the Department of Computer Applications , Arignar Anna College (Arts & Science), Krishnagiri, Tamilnadu, held on 22th February 2022.

2. A One Day National Seminar on INNOWHIZ -2K23 (Intercollegiate Competitions), Organized by the Department of Computer Applications , Arignar Anna College (Arts & Science), Krishnagiri, Tamilnadu, held on 21th February 2023.
3. A One Day National Seminar on INNOWHIZ -2K24 (Intercollegiate Competitions), Organized by the Department of Computer Applications , Arignar Anna College (Arts & Science), Krishnagiri, Tamilnadu, held on 23rd February 2024.

**PAPER PRESENTATION IN CONFERENCES
CONFERENCES / WORKSHOP / FDP ATTENDED**

1. International Conference on “Emerging Trends in Intelligent Information Technologies & Applied Mathematics on paper presented “Advanced Technique for Relational Algebra in Join Operations”

GUIDANCE OF M.Phil / M.Sc

GUIDANCE	COMPLETED	ON GOING
M.Phil- Computer Science	7	-
M.Sc- Computer Science	20	-

SL.NO	M.Phil GUIDANCE	YEAR
1	DYNAMIC SECURITY SCHEME WITH MULTIPLE KEY GENERATION FOR DATA PROTECTION N.ASWINI	November 2017
2	KEY BASED DATA REPLICATION ANALYSIS IN DOMAIN SERVER C.AISHWARA	November 2017
3	HYBRID ELLIPTICAL CURVE CRYPTOGRAPHY BASED SECURED CLOUD USING MOBILE ANT AGENT R.SINDHU	November 2017
4	BIOSCRIPT MODULARIZATION FOR MULTIMODEL FINGER SENSING USING QLS METHODS R.RAJESWARI	November 2017
5	CONTEXT BASED DOCUMENT MINING P. ELAKKIYA	November 2017
6	DETECTION AND CLASSIFICATION OF PLANT DISEASES USING HYPERSPECTRAL S. HEMALATHA	November 2018

7	ROBUST ENERGY MANAGEMENT ROUTING IN WSN USING NEURAL NETWORKS R.MANI	November 2018
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ACADEMIC ACTIVITIES

1. IQAC member in Arignar Anna College (Arts & Science), Krishnagiri
2. Criteria – IV 4.3 In charge in Arignar Anna College (Arts & Science), Krishnagiri

ADDITIONAL INFORMATION

- Train the Trainer program on Digital Productivity and AI Fluency under the Faculty Development Programme conducted by Naan Mudhalvan in partnership with Microsoft from 28- 08-2023 to 01-09-2023. Oracle Certified Foundations Associate in Oracle Cloud Infrastructure with Oracle University in January 24,2024.

DECLARATION

- I hereby declare that the above mentioned information are true to the best of my knowledge and I take full responsibility for their accuracy.

SKILLS

- Ideally good at verbal and written communications. With Strong Critical and Creative thinking. Easily observed, Attentive, Empathetic and with Positive attitude Passion of lifelong learning. Being flexible and adaptable in all situations.
- Maintain more Patience with Students and Parents. Ability to prepare lesson plan and efficient way to present and demonstrate subjects in both theoretical and in digital media. Proper Class room management by motivating outstanding students, by paying more attention to slow learners and effective handling of hyper active children.

ACHIEVEMENTS & AWARDS

- Produced several Rank holders in board exams in several batches. Produced 100 % results in various subjects handled.

LANGUAGES

- English and Tamil

INTERESTS

- Computer Networks Basics of Internet , Office Automation Programming languages - C,C++,Java,VB,etc SQL, HTML, CSS and JavaScrip

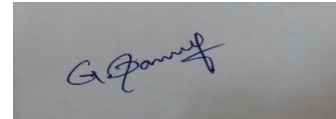
REFERENCES		
Dr. L. Ravi Professor and Head Department of Computer Science, Sacred Heart College (Autonomous) Thiruvallur University Tamilnadu, India.	Dr. P. Madhubala Assistant Professor Department of Computer Science, Don Bosco college Dharmapuri Periyar University Tamilnadu, India..	Dr. R. Denis Assistant Professor Department of Computer Science Mount Carmel College (Autonomous) Bengaluru, India

PERSONAL INFORMATION'S

Date of Birth : 01.04.1984
 Languages known : Tamil, English, (Speak).
 Gender : Male
 Marital Status : Married
 Nationality and Religion : Indian - Hindu

Declaration

I hereby assure you that all the statements made above are correct to the best of my knowledge.



Place: Krishnagiri
 Date: 06.05.2024

Signature of the applicant
 (G. SAKTHIVEL)