



**Dr. AV. KARTHICK**

**Adjunct Faculty**

### Contact

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### Academic Qualifications

Degree	Institution	Year	Branch	Class
BBA	Madurai Kamaraj University	2005	-	First
MCA	Alagappa University	2008	-	First
MBA	Alagappa University	2010	General	First
Ph.D	Alagappa University	2015	Computer Science	-
Ph.D	Alagappa University	2021	Management	-

## Teaching Experience

Total Teaching Experience : 13 Years

Position	Institution	Duration
Guest Lecturer	Alagappa Government Arts College	June 2010 to April 2011
Assistant Professor	St. Michael College of Engineering and Technology	1-07-2011 to 30-04-2014
Teaching Assistant	Alagappa University	1-07-2014 to 14-08-2020
Assistant Professor	SMS College of Arts and Science, Coimbatore	16-08-2020 to 14-09-2021
Teaching Assistant	Alagappa University	15-09-2021-Currently Working

## Areas of Research

- An Efficient Multi Queue Job Scheduling Algorithm for Cloud Metascheduler.
- Influence of Social Marketing on Household water management in Sivagangai District.

## Patents Filed

- An Early Warning Model for Commercial Bank Risk in China Based on Deep Learning Approach”, Official Journal of the Patent Office, Issue No.46/2022, dated 18/11/2022.
- IoT based energy efficient MAC protocol for LEO satellite constellations, Official Journal of the Patent Office, Issue No. 41/2022, dated 14/10/2022.

## Research Supervision/Guidance

Program of Study	Completed	Ongoing
PG	45	8

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
9	18	1	9	Books: 4

<b>Cumulative Impact Factor (as per JCR)</b>	:	
<b>h-index</b>	:	5
<b>i10 index</b>	:	3
<b>Total Citations</b>	:	212

## Funded Research Projects

### Ongoing Projects:

S.No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	RUSA - EIR	31.08.20 23 to	31.03.2024	Automation Water and food feeding monitoring system for home and farming Industry using Internet of Things (IOT)	50,000

## Distinctive Achievements / Awards

- Secured University 12th Rank in BBA from Madurai Kamarajar University, Madurai.
- Academic Proficiency Award, first place in BBA for the consecutive 3 years (2002-2005) From Alagappa Government Arts College, Karaikudi.
- First prize in the event of “Creative Brains” conducted by the Alagappa Institute of Management, Karaikudi.

### Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized:

Position	Programme	Duration	Institution
Organizing Team	FDP	25th Jan 2013	St. Michael College of Engineering and Technology
Organizing Team	Seminar	12th Oct 2012	St. Michael College of Engineering and Technology
Organizing Team	Seminar	4th Nov 2011	St. Michael College of Engineering and Technology
Organizing Team	FDP	25th Jan 2013	St. Michael College of Engineering and Technology
Organizing Team	Symposium - Recent Trends in Business	28th Mar 2014	St. Michael College of

	Practices		Engineering and Technology
Organizing Team	International Conference on Innovative Trends in IT	November 9 <sup>th</sup> and 10 <sup>th</sup> 2023.	Department of Computational Logistics, Alagappa University,
Organizing Team	National Seminar on Leveraging AI and Its Security	04 <sup>th</sup> March 2024	Department of Computational Logistics, Alagappa University,

## Events Participated

Number of Conferences/Seminars/Workshops: 26

## Membership

### Professional Bodies

1. IEEE Quantum Communication Information Technology-Membership id: 1596204
2. The Society of Digital Information and Wireless Communications (SDIWC), Lifetime membership ID: 21032.
3. International Association of Engineers (IAENG), Lifetime membership ID: 211742.

## List of Research Articles / Recent Publications

S. No	Authors/Titleofthepaper/Journal	Impact Factor
1	Issues In Bond Market Spillovers in The Developing Nations, Humanities and Social Science Studies,	

2	Influence of Digital Transformation in Foreign Trade, Journal of the Asiatic Society of Mumbai	
3	GST: Growth in Manufacturing Sector, Bodhi International Journal of Research in Humanities, Arts and Science	
4	Management of Digital Libraries for Active Learning Environment Trends and Challenges, Library Philosophy and Practice	
5	Challenges And Opportunities in Logistics at Domestic and International- An Overview, International Journal of Scientific and Technology Research	
6	Security enhancement of Online Accounting Data from Cyber Attacks, International Journal of Recent Technology and Engineering	
7	Influence of Social Marketing on Rain Water Harvesting Practices for Water Recycling System, International Journal of Recent Technology and Engineering	
8	Influence of Fashion Behavior on Store Choice among the Arts College Students in Sivganga District, International Journal of Recent Technology and Engineering	
9	Suggestive Water Treatment and Conservation Techniques among the Sivaganga Civilian, International Journal of Advance and Innovative Research	
10	Elucidating Water Supply, Demand and Contamination in Tamil Nadu, Shanlax International Journal of Management	

Invited Lectures : 6

Date : 10/4/2024

Place : Karaikudi