



FACULTY PROFILE

Name of Teaching Staff / RMK ID	T.MAHALINGAM		
PROFESSOR	ASSOCIATE PROFESSOR		
Department	B.TECH / IT		
Date of Joining the Institution	20.02.23		
Qualifications	B.TECH	M.Tech.	Ph.D
Total Experience	Overall : 12 years 6 Months	in RMK : Nil	
Papers Published in Journal	Overall : 11	After Joining RMK : Nil	

List of Papers Published

1. Mahalingam Thangaraj, Subramoniam Monikavasagom (2019): A Competent Frame Work for Efficient Object Detection, Tracking and Classification, Wireless Personal Communications, Springer, Vol. No: 107(2), pp 939-957, Impact Factor 0.929, SCI and SCI Expanded (Web of science indexed)
2. T. Mahalingam, M. Subramoniam (2019): A trusted waterfall framework based moving object detection using FACO-MKFCM techniques, Multimedia Tools and Applications, Springer, Vol. No: 78(18), pp 26427-26452, Impact Factor 1.876, SCI and SCI Expanded (Web of science indexed).
3. T. Mahalingam, M. Subramoniam (2019): A hybrid gray wolf and genetic whale optimization algorithm for efficient moving object analysis, Multimedia Tools and Applications, Springer, Vol. No:78(18), pp 26633-26659, Impact Factor 1.876, SCI and SCI Expanded (Web of science indexed)
4. Mahalingam Thangaraj, Subramoniam Monikavasagom (2019): ACO-MKFCM: An Optimized Object Detection and Tracking Using DNN and Gravitational Search Algorithm, Wireless Personal Communications, Springer, DOI 10.1007/s11277-019-06802-3, Impact Factor 0.929, SCI and SCI Expanded (Web of science indexed)
5. T. Mahalingam, M. Subramoniam (2019): CBFDF: a refined W4+ cluster-based frame difference approach for efficient moving object detection, Soft Computing, Springer, Vol. No:23(21), pp. 10661-10679, Impact Factor 2.784, SCI and SCI Expanded (Web of science indexed).
6. T. Mahalingam, Dr.P.Jeyanthi (2018): An Innovative Architecture of Object Detection and Tracking Using Hybrid Clustering, Information Security Education Journal, Vol.No:5(1), DOI: 10.6025/isej/2018/5/1/1-10.
7. Mr.Mahalingam T, Ms.Jeevitha.R, Dr.Shunmuganathan K.L. (2014): An Intelligent Distributed Intrusion Detection System In Grid Environment Using Ids, International Journal of Scientific & Engineering Research, Vol.No:5(1), ISSN 2229-5518, Google scholar indexed.
8. Mr.T.Mahalingam, Dr.Shunmuganathan, Miss.R.Jeevitha (2014): Moving object classification using cloud environment through Haar classifiers, International organization of scientific Research (IOSR), Vol.No:16(3), e-ISSN: 2278-0661, p-ISSN: 2278-8727, PP 33- 35, ANED-DDL, Google scholar indexed.
9. T. Mahalingam, M. Subramoniam (2020): Optimal Object Detection and Tracking in Occluded Video using DNN and Gravitational Search Algorithm, soft computing Springer, Vol. No:24, pp. 18301-18320, Impact Factor 2.784, SCI and SCI Expanded (Web of science indexed).
10. T. Mahalingam, M. Subramoniam (2020): ACO- KFCM: An Optimized Object Detection and Tracking Using DNN and Gravitational Search Algorithm, Wireless Personal Communications, Springer, Vol. No: 110(3), pp 1567-1604, Impact Factor 0.929, SCI and SCI Expanded (Web

of science indexed)

11. T. Mahalingam (2021): A hybridization of SKH and RKFCM clustering optimization algorithm for efficient moving object exploration, Multimedia Tools and Applications, Impact Factor 1.876, SCI and SCI Expanded (Web of science indexed).

<https://doi.org/10.1007/s11042-020-10237-5>.

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 3	After Joining RMK :nil
Ph.Ds / Projects Guided	Ph.Ds Guided : Nil	Student Projects Guided :30
Books Published :	Count :Nil	
	List :Nil	
Patents	Published Count :Nil	Granted Count :Nil
	List :Nil	
Professional Memberships	Count :1	
	nil	
Consultancy Projects Completed	Count :Nil	
Awards Received	Count :Nil	
	List :nil	
Research grants Received	Nil	
Orchid Link / ID	ID :	
Google Scholar Link / ID	ID :	
Vidwan Link / ID	ID :	
Research Gate Link / ID		
Scopus Link / ID		