



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi

NAAC Accredited with A+ Grade

NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA



Department of Computer Science & Technology

Details of Journal Publications (AY 2020-21)

S.No.	Faculty Name	Co-Authors	Paper Title	Name of the Journal	Indexing	Impact Factor	DOI	Citations
1	Dr.R. Rajakumar	kaushik Sekaran, Ching-Hsien-Hsu,Seifedine Kadry	Accelerated grey wolf optimization for global optimization problems	Technological Forecasting and Social Change	SCI	8.593	10.1016/j.techfore.2021.120824	14
2	Dr.T. Kalaipriyan	Raju Anitha, Vamsidhar Enireddy,R.S. Raghav,Dinesh Kumar Anguraj,Amrithas aravanan Arivunambi	Pattern mining technique derived ant colony optimization for document information retrieval	Journal of Ambient Intelligence and Humanized Computing	SCI	7.104	10.1007/s12652-020-02760-y	6
3	Dr.T. Kalaipriyan	S.V. Sudha, D. Sarvanan, Dr. Renjith Ravi, Dinesh kumar Anguraj, R.S. Raghav	Reinforced Cuckoo Search based fugitive landfill methane emission estimation	Environmental Technology & Innovation	SCI	5.263	10.1016/j.eti.2020.101207	8

S.No.	Faculty Name	Co-Authors	Paper Title	Name of the Journal	Indexing	Impact Factor	DOI	Citations
4	Dr.T. Kalaipriyan	R.S. Raghav, U. Prabu, M. Rajeswari, D. Saravanan	Cuddle death algorithm using ABC for detecting unhealthy nodes in wireless sensor networks	Evolutionary Intelligence	SCI	2.33	10.1007/s12065-021-00570-5	4
5	Dr.T. Kalaipriyan	M Rajeswari, R.S Raghav, U. Prabu, Devaraj Saravanan, Dinesh Kumar Anguraj	Flower Pollination Algorithm with Powell's Method for the Minimum Energy Broadcast Problem in Wireless Sensor Network	Wireless Personal Communications	SCI	1.671	10.1007/s11277-021-08253-1	8
6	Dr.K.Chokkanathan	Sathish A.P. Kumar, A. Suresh, S. Raj Anand, M. Vijayasathy	Hybridization of Mean Shift Clustering and Deep Packet Inspected Classification for Network Traffic Analysis	Wireless Personal Communications	SCI	1.671	https://link.springer.com/article/10.1007/s11277-021-08208-6	1
7	Dr.R. Rajakumar	Saravanan D,M. Sreedevi,K. Dinesh, S.V. Sudha, Dinesh Kumar Anguraj, Azath Mubarakali	Multi-Objective Swarm-based Model for deploying Virtual Machines on Cloud Physical Servers	Distributed and Parallel Databases	SCI	1,5	10.1007/s10619-021-07341-2	1

S.No.	Faculty Name	Co-Authors	Paper Title	Name of the Journal	Indexing	Impact Factor	DOI	Citations
8	Dr.P. Muralidhar	K.S. kuppuswamy	A machine Learning-based Model to Evaluate Readability and Assess Grade Level for the Web Pages	The Computer Journal	SCI	1.077	10.1093/comjnl/bxaa113	11
9	Dr.M. Sreedevi	LR Roopashree	Malware Recognition and Pattern Classification Using NLP	International Journal of Advanced Science and Technology	Scopus		http://serisc.org/journals/index.php/IJAST/article/view/8748	-
10	Dr.R.Rajakumar	K.Dinesh, Ankur Dumka, L Jayakumar, Dr. Sagunthala	RFA Reinforced Firefly Algorithm to Identify Optimal Feature Subsets for Network IDS	International Journal of Grid and High Performance Computing	ESCI		10.4018/IJGHPC.2020070105	
11	Dr.R. Rajakumar	Dr.S. Muthukumar, Dr. K. Dinesh	Clustering With Classification Based Identification On Diabetics Disease To Avoid Blindness In Early Stage	International Journal Of Scientific & Technology Research	Scopus		https://www.researchgate.net/publication/340388580	
12	Dr.T. Kalaipriyan	R.S. Raghav, Ankur Dumka, V. Dhilipkumar, Jayakumar Loganathan	Optimal path planning for intelligent automated wheelchair using DDSRPSO	International Journal of Pervasive computing and communication	Scopus		10.1108/IJPC-05-2020-0033	4

S.No.	Faculty Name	Co-Authors	Paper Title	Name of the Journal	Indexing	Impact Factor	DOI	Citations
13	Mr.S.Thangam	K. Maharajan, G. Visalaxi, A.Shenbagarajan, M. JayaLakshmi	Membrane Computing inspired Protocol to Enhance Security in Cloud Network	Solid State Technology	Scopus		10.1007/s11227-018-2629-6	3
14	Dr. K. Dinesh	R. Rajakumar, R. Subramanian	Self-organisation migration technique for enhancing the permutation coded genetic algorithm	Int. J. Applied Management Science	Scopus		10.1504/IJAMS.2021.10035828	-
15	Dr.K.Chokkanathan	K. senthil Kumar,M. AyyaDurai, Dr. S. VaraLakshmi	Signature Based Key Authentication Protocol for Wireless Body Sensor Networks	European Journal of Molecular & Clinical Medicine (EJMCM)	Scopus		https://www.academia.edu/44973579/Signature_Based_Key_Authentication_Protocol_For_Wireless_Body_Sensor_Networks	-
16	Dr.K.Chokkanathan	P.Shanmugaraja, K.Thangaraj, P.Iianchezian	Deep Packet Inspection Using Hybrid Classifier For Unknown Traffic Flows in the Internet	ICTACT Journal On Communication Technology	Scopus		10.21917/ijct.2021.0345	-

S.No.	Faculty Name	Co-Authors	Paper Title	Name of the Journal	Indexing	Impact Factor	DOI	Citations
17	Dr.K.Chokkanathan	Shanmugaraja P,Thangaraj K, Ilanchezhian P, Balakrishnan N	Plant Identification and Classification Using Multiwavelet Transform	International Journal of Annals of the Romanian Society for Cell Biology	Scopus		https://annalsofrs.cb.ro/index.php/journal/article/view/5444	
18	Dr.K.Chokkanathan	P. Shanmugaraja,K. Siva Shankar Ramasam, S.D. Nanda kumar	A Smart Robotic Based Garbage/Sewage Management System Using IoT	Turkish Journal of Physiotherapy and Rehabilitation	Scopus/ ESCI		https://www.researchgate.net/publication/352117767_A_SMART_ROBOTIC_BASED_GARBAGESEWAGE_MANAGEMENT_SYSTEM_USING_IOT	1


Faculty Incharge


Head of the Department

Head of the Department
Computer Science & Technology
Sadanapalle Institute of Technology & Sciences
SADANAPALLE - 517 319




MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade,
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA



Department of Computer Science & Technology
Details of Faculty Book Chapter Publications For the (AY 2020-2021)

S.No	Name of the Faculty	Title of the book/chapters published	Title of the paper	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. S. Padma	Assessment Tools for Mapping Learning Outcomes With Learning Objectives	Imparting OBE to the Younger Generation	International	2020	978-1-7998-4784-7	MITS	IGI Global


Faculty Incharge


Head of the Department
and of The Department of
Computer Science & Technology
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 302