



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, NewDelhi

NAAC Accredited with A+ Grade, NIRF India Rankings 2021 - Band: 201-250 (Engg.)

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



## Department of Computer Science & Engineering

### AY: 2023 – 24 Faculty Book/Book Chapter Publication Details

S.No	Name of the Faculty	Designation	AUTHOR(S)	BOOK CHAPTER TITLE	ISSN/ISBN	Publisher
1	Dr. R. Nidhya	Professor	R. Nidhya, D. Pavithra, R. Kalpana, M. Kathirvelu & P. Jayarajan	Energy Harvesting Scheme Using Queuing Theory for Wireless Body Area Network	978-3-031-35965-1	Springer - EAI/Springer Innovations in Communication and Computing book series (EAISICC)
2	Dr. G. Arun Kumar	Assoc. Professor	Shivlal Mewada, K.S. Riya, Brahmadesam Viswanathan Krishna, G. Arunkumar	Internet of Things (IoT) and Machine Learning for transportation sustainable	ISBN 9781032335346	CRC Press Taylor and Francis Group Florida USA,
3	Dr. K. Sudhakar	Sr. Asst. Professor	P. V. Pramila, G. Dineshnath, K. Sudhakar, R. Jothilakshmi, H. C. Sudheendramouli, M. Sudhakar.	Developments of Human-Machine Interaction for Knowledge Discovery and Management: Healthcare and Agricultural Domains	ISBN13: 9798369311868 EISB N13: 9798369311875	IGI Global
4	Dr. K. Sudhakar	Sr. Asst. Professor	U. Rahamathunnisa, Akash Mohanty, K. Sudhakar, S. Anitha Jebamani, R. Udendhran, Sureshkumar Myleemay	Machine Learning and Deep Learning for Intelligent Systems in Small Aircraft Applications	ISBN13: 9781668499993	IGI Global
			U. Rahamathunnisa, K. Sudhakar. S. N. Padhi.	Sustainable Energy		

5	Dr. K. Sudhakar	Sr. Asst. Professor	Sumanta Bhattacharya, G. Shashibhushan, Sampath Boopathi	Generation from Waste Water: IoT Integrated Technologies	ISBN13: 9781668453476	IGI Global
6	Dr. K. Sudhakar	Sr. Asst. Professor	Akash Mohanty, U. Rahamathunnisa, K. Sudhakar, R. Sathiyaraj	Age of Computational AI for Autonomous Vehicles	9.78112E+12	Wiley
7	Mr. Gandhi Ramakrishna	Asst. Professor	J. Jeyaranjani K.Rangaswamy,Gandi Ramakrishna	Navigating Green Computing Challenges and Strategies for Sustainable Solutions	ISBN 13: 9798369315521	IGI Global
8	Mr. J Nagaraj	Asst. Professor	B. Prabha, J. Nagaraj, Akula Hemanth, Atmakuri Kasi Viswanath, Bharath Gadde , Sowmithri Suravarapu	Enhancing Intelligent Video Surveillance: Deep Learning Approaches for Human Anomalous Behavior Recognition	978-981-99-9524-0	Advances in Data- Driven Computing and Intelligent Systems
9	Mr. G. Muthugurunathan	Asst. Professor	R. Dilip, V. Deepti, S. Mahadev, N. Tejashwini, G. Muthugurunathan, Manasa, Sabyasachi Pramanik	An Analysis of AI in Healthcare: A Comprehensive Study on India	9.79837E+12	IGI Global Publishing
10	Dr. G. Arun Kumar	Assoc. Professor	D. Saravanan, R. Parthiban, G. Arunkumar, D. Suganthi, R. Revathi, U. Palani	Detecting Healthcare Issues Using a Neuro- Fuzzy Classifier	9.78139E+12	Wiley Online Library
11	Dr. G. Arun Kumar	Assoc. Professor	Norma Ramírez-Asís, Ursula Lezameta-Blas, Anil Kumar Bisht, G. Arunkumar, Jose Rodriguez-Kong, D. Saravanan	Development of the Fuzzy Logic System for Monitoring of Patient Health	9.78139E+12	Wiley Online Library

12	Dr. G. Arun Kumar	Assoc. Professor	L. Rajeshkumar, J. Rachel Priya, Konatham Sumalatha, G. Arunkumar, D. Suganthi, D. Saravanan	Management of Trust Between patient and IOT using Fuzzy Logic theory	9.78139E+12	Wiley Online Library
13	Dr.R.SUNDAR	Asst. Professor	Sundar, R. Srikaanth, P.B. Naik, D.A. Karumudi, M, Boopathi, S	Achieving balance between innovation and security in the cloud with artificial intelligence of things: Semantic web control models	DOI: 10.4018/979-8-3693-1487-6.ch001	Wiley Online Library

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