

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET

CONSOLIDATED REPORT OF R&D ACTIVITIES

Details of books and chapters(proceedings) in edited volumes / books per teacher during the year-2020-21

S.NO	Name of the Faculty (Authors)	Title of the Book published	Title of the Chapter published	Title of the proceedings of the conference	Name of the Conference/Seminar	Mode of Conduct(Offline Or Online)	National/International	month and Year of publication (DD/MM/YYYY)	ISBN of the Book/Conference Proceeding	Affiliating Institute of the teacher at the time of publication	Name of the Organizing Institute/College	Address	Name of the Publisher
1	D.Raja Reddy, I.John Bhakth Singh, B.Madhusudhan Reddy	Investigation on Photo Voltaic Array Reconfiguration Methods for Constant Power and Constant Load Operation					International	23-Feb-21					
2	Suresh Babu G, Dr. N Chikkanna, O.Y. Venkata Subba Reddy, Soma Vivekananda	Abstracts of National Conference on Research and Developments in Material Processing, Modelling and Characterization 2020	OPTIMIZATION OF EDM PROCESS PARAMETERS BY USING HYBRID METHODS	Abstracts of National Conference on Research and Developments in Material Processing, Modelling and Characterization 2020	RDMPMC-2020	Online	National	27-08-2020	ISBN: 978-81-947843-2-6	JNTUA	Department of Metallurgical and Materials Engineering	National Institute of Technology Jamshedpur	AIJR Book
3	Dr. J Krishna		Different Machine Learning Approaches for Predicting Students' Performance	International conference on Electronics, Communication , Information Technology and management (ICECIM-2021)	International conference on Electronics, Communication, Information Technology and management (ICECIM-2021)	Online	International	2/6/2021 TO 3/6/2021	978-81-952307-0-9	AITs, RAJAMPET	Reva University	Bangalore	

4	Prof.M.Subba Rao Dr. B.Eswara Reddy		Parametric Analysis of Texture Classification using Modified Weighted Probabilistic Neural Network (MWPNN)	International conference on Cybernetics, Cognition and Machine Learning Applications- ICCCMLA2020	International conference on Cybernetics, Cognition and Machine Learning Applications- ICCCMLA2020	Online	International	2021 Apr	1860-9503/978-3-030-68290-3	AITS, RAJAMPET	Goa		Spinger nature
5	Mrs. T Naga Lakshmi Dr. M Rudra Kumar		Image Encryption Algorithms Using Machine Learning and Deep Learning Techniques—A Survey			Online	International	2021 Apr	1860-9503/978-3-030-68291-0	AITS, RAJAMPET			Spinger nature
6	Dr.P.C.SENTHIL MAHESH		Quality Alaysis of Network Security using Cryptographic Techniques			Online	National	May-21	978-81-950236-3-9	AITS, RAJAMPET			Associatio n of Global Academicians and Research
7	B. VENKATA SIVAIAH		Enhancing an Agile Health using IoT	Virtual International Conference on Research Trends in Deep Learning, Big Data & IoT	Virtual International Conference on Research Trends in Deep Learning, Big Data & IoT	Online	International	26/02/2021 TO 27/02/2021	978-1-6654-3998-5	AITS, RAJAMPET	SIDDHARTH INSTITUTE OF ENGINEERING AND TECHNOLOGY	PUTTUR	

8	Dr. P.C.Senthil Mahesh		Machine Learning and Its applications			Online	National	15/12/2020	978-93-86923-47-9	AITS, RAJAMPET			Dipti Press (OPC) Pvt.Ltd.,
9	Mrs. T.Sree Lakshmi		Malware Detection kit for malware analysis of data	ICACECS-2020	ICACECS-2020	Online	International	13/8/2020 TO 14/8/2020	978-981-15-9292-8	AITS, RAJAMPET	VNRVJIET	Bachupally, Hyderabad	
10	Mr. M M Venkata Chalpathi		A Novel Two Layer Feature Selection for Emotion Recognition with Body Movements	International Conference on Computational Intelligence & Data Engineering	International Conference on Computational Intelligence & Data Engineering	Online	International	8/8/2020 to 9/8/2020	978-981-15-8766-5	AITS, RAJAMPET	VASAVI COLLEGE OF ENGINEERING	Hyderabad	
11	Dr.K.PrasannaDr.M .Seetha, Dr.K.Ramana	ASSOCIATION RULE MINING ON PROGRESSIVE AND HIGH DIMENSIONAL DATA - A Doubleton Pattern Mining Approach	NA	NA	NA	NA	International	15.07.2021	978-620-3-93	AITS-Rajampet	NA	NA	LAP-Lambert Academic Publishing, Germany
12	S. Mohammed Ghouse and Dr. I.Pugazhenth	Nanotechnology in Medicine	Nanomedicine: General Introduction from A to Z				International	22-01-2021	978-3-030-61021-0	Department of ChemistryAnnamacharya Institute of Technology and SciencesRajampet, KadapaIndia		https://link.springer.com/chapter/10.1007/978-3-030-61021-0_1	Springer link
13	Parvathi Meruva,		AIP Conference	Convective heat	First	Offline	International	July,2020	978-0-7354-	Annamachar	Gitam	Hyderabad	AIP

14	Poli Chandra Reddy, M. Umamaheswar, S. Harinath Reddy and M.C. Raju		AIP Conference Proceedings	Analytical study of buoyancy effects on MHD visco-elastic fluid past an inclined plate	AIP Conference Proceedings	Offline	International	July,2020	978-0-7354-2005-2/830.00	Annamacharya Institute of Technology and SciencesRajampet, KadapaIndia	Gitam university	Hyderabad	AIP Publishing
15	P. Chandra Reddy, P. V. Sanjeeva Kumar, L. Rama Mohan Reddy and M. C. Raju		Lecture Notes in Electrical Engineering	Heat and Mass Characteristics of Magneto-Newtonian Fluid Through Upright Porous Plate	Advances in Cybernetics, Cognition, and Machine learning for communication technologies	Offline	International	July,2020		Annamacharya Institute of Technology and SciencesRajampet, KadapaIndia		Gova, India	Springer
16	Pushpabai Pavar, L.Hari Krishna and M.Suryanarayana Reddy		AIP Conference Proceedings 2246	“MHD flow of nano fluid past a vertical permeable semi-infinite moving plate with constant heat source	First International Conference of APTSMS, International Conference on Mathematical Sciences and Applications	Offline	International	28.07.2020	978-0-7354-2005-2/830.00	Annamacharya Institute of Technology and SciencesRajampet, KadapaIndia	Gitam university	Hyderabad	AIP Publishing
17	Mummadisetty Umamaheswar, S. Harinath Reddy, P. Chandra Reddy, V. Ravi Kumar, M. C. Raju		AIP Conference Proceedings	Analytical study on MHD convective non-Newtonian fluid flow under the influence of diffusion-thermo and heat source effects	First International Conference of APTSMS, International Conference on Mathematical Sciences and Applications	Offline	International	July,2020	978-0-7354-2005-2/830.00	Annamacharya Institute of Technology and SciencesRajampet, KadapaIndia	Gitam university	Hyderabad	AIP Publishing

18	Singamala Harinath Reddy, M. Umamaheswar, P. Chandra Reddy, M. C. Raju and E. Keshava Reddy		AIP Conference Proceedings	MHD double diffusive convective flow of heat generating fluid in the presence of Soret Effect	First International Conference of APTSMS, International Conference on Mathematical Sciences and Applications	Offline	International	July,2020	978-0-7354-2005-2/830.00	Annamacharya Institute of Technology and SciencesRajampet, KadapaIndia	Gitam university	Hyderabad	AIP Publishing
19	Vanipenta Ravi kumar, M. Umamaheswar, P. Chandra Reddy, K. Janardhan, M. C. Raju, G. S. S. Raju		AIP Conference Proceedings	Unsteady MHD free convective flow of a radiating fluid past an inclined permeable plate in the presence of heat source	First International Conference of APTSMS, International Conference on Mathematical Sciences and Applications	Offline	International	July,2020	978-0-7354-2005-2/830.00	Annamacharya Institute of Technology and SciencesRajampet, KadapaIndia	Gitam university	Hyderabad	AIP Publishing
20	Poreddy Rama Krishna Reddy, Lingari Rama Mohan Reddy, P. Chandra Reddy and M. C. Raju		AIP Conference Proceedings	Maragoni convection impact on magnetonano fluid in porous medium	First International Conference of APTSMS, International Conference on Mathematical Sciences and Applications	Offline	International	July,2020	978-0-7354-2005-2/830.00	Annamacharya Institute of Technology and SciencesRajampet, KadapaIndia	Gitam university	Hyderabad	AIP Publishing
21	Poli Chandra Reddy, M. Umamaheswar, S. Harinath Reddy and M.C. Raju		AIP Conference Proceedings	Analytical Study of Buoyancy Effects on MHD Visco-Elastic Fluid Past an Inclined Plate	First International Conference of APTSMS, International Conference on Mathematical Sciences and Applications	Offline	International	July,2020	978-0-7354-2005-2/830.00	Annamacharya Institute of Technology and SciencesRajampet, KadapaIndia	Gitam university	Hyderabad	AIP Publishing

22	Pushpabaipavar, L. Hari Krishna and M.Suryanarayana Reddy		Lecture Notes in Mechanical Engineering, © Springer Nature Singapore Pte Ltd. 2021	Hall Effects on MHD Rotating Nano Fluid Over a Moving Flat Plate with Radiation and Chemical Reaction			International	11.07.2020	Online ISBN-978- 981-15- 4308-1	Annamachar ya Institute of Technology and SciencesRaja mpet, KadapaIndia	Mechanical Engineering, © Springer Nature	Singapore Pte Ltd. 2021	Springer
23	P.Swathi	-	Enhancement of Degraded Images via Fuzy Intensification Model .	Modern Approaches in Machine Learning and Cognitive Science: A Walkthrough	INTERNATIO NAL CONFERENC E ON CYBERNETIC S,COGNITIO N AND MACHINE LEARNING APPLICATIO NS	Online	International	27.04.2021	ISBN- 978303068 2910, 303068291 9	AITs, Rajampet	ICMLA 2020,GOA, INDIA	Goa, India	Springer