

3.4.4 Details of books and chapters in edited volumes / books per teacher during the year

Sl. No.	Name of the Teacher	Title of the Book published	Title of the Chapter published	Title of the proceedings of the conference	Name of the conference	National / International	Year and month of publication	ISBN of the Book/ Conference Proceeding	Affiliating Institute of the teacher at the time of publication	Name of the Publisher
1	Dr. Nibedan Panda	Progress in Advanced Computing and Intelligent Engineering	Effectiveness of Swarm-Based Metaheuristic Algorithm in Data Classification Using Pi-Sigma Higher Order Neural Network	Effectiveness of Swarm-Based Metaheuristic Algorithm in Data Classification Using Pi-Sigma Higher Order Neural Network	ICACIE	International	Nov-20	978-981-15-6353-9	Aditya Institute of Technolo	Springer
2	Dr. Nibedan Panda	Green Technology for Smart City and Society	Effectiveness of Backpropagation Algorithm in Healthcare Data Classification	Green Technology for Smart City and Society	GTSCS	International	Dec-20	978-981-15-8218-9	Aditya Institute of Technolo	Springer
3	H.Swapna Rekha	Intelligent Computing in Control and Communication	Deep Learning for COVID-19 Prognosis: A Systematic Review	First International Conference on Intelligent Computing in Control and Communication	International Conference on Intelligent Computing in Control and Communication	International	Jan-21	978-981-15-8438-1	Aditya Institute of Technolo	Springer
4	H.Swapna Rekha	The Digitalization Conundrum in India: Applications, Access and Aberrations	Impact of IoT in Healthcare: Improvements and Challenges	The Digitalization Conundrum in India: Applications, Access and Aberrations	The Digitalization Conundrum in India: Applications, Access and Aberrations	Book Chapter	Mar-21	978-981-15-6906-7	Aditya Institute of Technolo	Springer
5	H.Swapna Rekha	Internet of Things	Impact of IoT in agriculture: advances and challenges	Internet of Things	Internet of Things	Book Chapter	Oct-20	9783-1106-77638	Aditya Institute of Technolo	De Gruyter
6	Dr.G.Nageswara Rao	Lecture note in Electrical engineering 702	Breaking down and Reduplication of Information in Cloud for best overall performance and protection	First internal conference on Intelligent Computing in Control and Communication(IC CC 2020)	International conference on intelligent computing in control and communication	International	Aug-20	978-981-15-8438-1	Aditya Institute of Technolo	Springer
7	Dr. B. V. Ramana	Lecture Notes in Electrical Engineering book series	An Empirical Study of Visual Data Analytics in-Line of Indexing Approach	Proceedings of the 1st International Conference on Data Science, Machine Learning and Applications	1st International Conference on Data Science, Machine Learning and Applications	International	May-20	1876-1119	Aditya institute of Technolo	Springer (Scopus)

8	Dr. B. V. Ramana	Lecture Notes in Networks and Systems book series	Effectiveness of Back Propagation Algorithm in Healthcare Data Classification	Proceedings of Green Technology for Smart City and Society (GTSCS) 2020	Green Technology for Smart City and Society (GTSCS) 2020	International	Dec-20	2367-3370	Aditya institute of Technolo	Springer (Scopus)
9	JagadeeswaraRao G	Lecture Note In Electrical Eng. 702	Breaking down and reduplication of information in cloud for best overall performance	First Internal conference Intelligence computing in control and communications.	International conference on conference Intelligence computing in control and communications	International	Aug-20	978-981-15-8438-1	AITAM	Springer
10	Mr.Sagar Y	Advances InMechanical Engineering:	Some Experimental Studies of Glass Fiber Oriented ReinforcedPolymer Composites			National	2020	978-93-90420-33-9	AITAM, Tekkali	Advances in Mechanical Engineering / Chapter -4 (AkiNik Publications)
11	Dr P Sirish Kumar & P Krishna Rao	Statistical distribution of GPS uncertainties over Low Latitude Regions of India	Advances in intelligent systems and computing	Computational Intelligence in Pattern Recognition	3rd International Conference on Computational Intelligence in Pattern Recognition	International	Apr-21	978-981-16-254-8	AITAM, Tekkali	Springer Advances in Intelligent Systems and Computing (AISC)
12	Dr P Sirish Kumar & Dr A S Srinivasa Rao	Investigations of Navigation solutions for better accuracy in position estimations	Advances in intelligent systems and computing	Computational Intelligence in Pattern Recognition	3th International Conference on Computational Intelligence in Pattern Recognition	International	Apr-21	978-981-16-254-8	AITAM, Tekkali	Springer Advances in Intelligent Systems and Computing (AISC)
13	Dr.P.Sirish kumar, V.S.B.Srilatha Indira Dutt,J.Venkata Suman, P.Krishna Rao	Ambiguities in GNSS Reciever Position Estimation: A Comparitive Statical Error Characterization	Advances in intelligent systems and computing	Computational Intelligence in Pattern Recognition	3th International Conference on Computational Intelligence in Pattern Recognition	International	Apr-21	978-981-16-254-8	AITAM, Tekkali	Springer Advances in Intelligent Systems and Computing (AISC)

14	Dr.G.Vasanti	Intuitionistic Fuzzy Set and Its Application in most risked COVID-19 Patient Identification via Normalized Euclidean Distance Method				National	Jun-21	979-8-6432-1141-9	AITAM, Tekkali	New Innovations And Recent Applications Of Technical And Non Technical Aspects In Challenging The Present Day Society
15	Dr. Ramanaiah Malla	Effect of Anionic Micellaneouses of Sodium Dodecyl Sulfate on Protonation Equilibria of Salicylic Acid Derivatives. In: VSR Rajasekhar Pullabhotla, editor.	Prime Archives in Chemistry: 2nd Edition			National	Dec-20	978-81-953047-5-2	AITAM, Tekkali	VSR Rajasekhar Pullabhotla, editor. Prime Archives in Chemistry: 2nd Edition. Hyderabad, India: Vide Leaf.
16	Koppala Venugopal	EXPONENTIAL TRANSITION OF MANAGEMENT PRACTICES AND IMPLICATIONS FOR SECTORIAL PROSPERITY	Assessment of Employee Benefits: In Case of Dredging Corporation Of India Ltd, Visakhapatnam	EXPONENTIAL TRANSITION OF MANAGEMENT PRACTICES AND IMPLICATIONS FOR SECTORIAL PROSPERITY	EXPONENTIAL TRANSITION OF MANAGEMENT PRACTICES AND IMPLICATIONS FOR SECTORIAL PROSPERITY	National	2020	978-81-935201-9-2	AITAM, Tekkali	Forum for Intellectual Academicians and Researchers Publications'
17	Koppala Venugopal	"CUSTOMER RELATIONSHIP MARKETING OF BREWERIES: ETHIOPIAN PERSPECTIVE",	Customer Relationship Marketing of Breweries: Ethiopian Perspective	BOOK	BOOK	Nil	2020	978-620--0-65690-2	AITAM, Tekkali	'LAP LAMBERT Academic Publishing',
18	DR.B.SRINIVASARAO	a fuzzy based statcom controller for grid interconnection of fuel system to improve power quality		first international conference on intelligent computing in contro and communication(ICCC-2020)	first international conference on intelligent computing in contro and communication(ICCC-2020)	international	2020	978-981-15-8438-1	AITAM, Tekkali	springer'

19	DR.K.KIRANKUMAR	modelling and designing of plug in electric vechiles using G2V Technique		first international conference on intelligent computing in contro and communication(ICCC-2020)	natiopnal conference on 2nd innovative product design and inelligent2020	National	2021	978-981-15-9853-1	NIT, ROURKELA	springer'
20	B.MANMADHA KUMAR	Implementation of firefly algorithmempolyed pido controller fo interconnected power system		first international conference on intelligent computing in contro and communication(ICCC-2020)	first international conference on intelligent computing in contro and communication(ICCC-2020)	international	2020	978-981-15-8438-1	AITAM,Tekkali	springer'
21	I.RAMESH	Improvement of grid - tied hybrid system reliability using techniques		first international conference on intelligent computing in contro and communication(ICCC-2020)	first international conference on intelligent computing in contro and communication(ICCC-2020)	international	2020	978-981-15-8438-1	AITAM,Tekkali	springer'
22	DR.S.KUMARA SWAMY	Woa optimized 2dof tidf controller for automatic generation control of hydro thermal system		first international conference on intelligent computing in contro and communication(ICCC-2020)	first international conference on intelligent computing in contro and communication(ICCC-2020)	international	2020	978-981-15-8438-1	AITAM,Tekkali	springer'
23	B.SRIKANTH	Implementation of anti-windup techniques for the improvementof pid performance		first international conference on intelligent computing in contro and communication(ICCC-2020)	first international conference on intelligent computing in contro and communication(ICCC-2020)	international	2020	978-981-15-8438-1	AITAM,Tekkali	springer'
24	B.B.RATH	Particle swarm optimizationbased intelligent controller for maximum power point tracking of standalone solar pv power system		first international conference on intelligent computing in contro and communication(ICCC-2020)	first international conference on intelligent computing in contro and communication(ICCC-2020)	international	2020	978-981-15-8438-1	AITAM,Tekkali	springer'

25	CH.KRISHNARAO	Design of smart socket for monitoring of iot based intelligent smart energy management systems		first international conference on intelligent computing in contro and communication(ICCC-2020)	first international conference on intelligent computing in contro and communication(ICCC-2020)	international	2020	978-981-15-8438-1	AITAM,Tekkali	springer'
26	Promod Kumar Sahu, Hemanta Kumar Pati, Sateesh Kumar Pradhan		A Study on Static Call Admission Control Policies for Wireless Mobile Cellular Networks	Intelligent computing in control and communication	Lecture notes in Electrical Engineering	International	2021	978-981-15-8438-1	Utkal University, Bhubaneswar, India	Springer
27	Promod Kumar Sahu, Hemanta Kumar Pati, Sateesh Kumar Pradhan		A Study on CAC Schemes for Homogeneous and Heterogeneous Wireless Cellular Networks	2021 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)		International	2021	978-1-7281-8530-9	Utkal University, Vani Vihar, Bhubaneswar, Odisha, India	IEE
28	B Kameswara Rao		QCM Sensor-Based Alcohol Classification by Advance Machine Learning Approach	Intelligent computing in control and communication	Lecture notes in Electrical Engineering	International	2021	978-981-15-8438-1	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
29	B. Kameswara Rao		Privacy by Design Approach for Vehicular Tripdata Using k-Anonymity Perturbation			International	2021	978-981-16-0081-4	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
30	Janmenjoy Nayak, B. Kamesh Rao		Gold Price Forecasting Using Machine Learning Techniques: Review of a Decade			International	2021	978-981-16-2543-5	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
31	Janmenjoy Nayak, P Suresh Kumar, Dukka Karun Kumar Reddy, Bighnaraj Naik, Danilo Pelusi		Machine Learning and Big Data in Cyber-Physical System: Methods, Applications and Challenges			International	2021	978-111-97-1108-7	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	WILEY
32	Janmenjoy Nayak, Kumar, P. S., Reddy, D. K. K., & Naik, B		Identification and classification of hepatitis C virus: an advance machine-learning-based approach			International	2021	978-183-95-3114-9	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Institution of Engineers (I)
33	P. S. Kumar, A. K. K, S. Mohapatra, B. Naik, Janmenjoy Nayak and M. Mishra		CatBoost Ensemble Approach for Diabetes Risk Prediction at Early Stages			International	2021	978-172-81-7664-2	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	IEEE
34	Janmenjoy Nayak, Kanithi Vakula, Paidi Dinesh, Bighnaraj Naik, Subhashree Mohapatra, Tripti Swarnkar, Manohar Mishra		Intelligent Computing in IoT-Enabled Smart Cities: A Systematic Review			International	2020	978-981-15-8217-2	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
35	Janmenjoy Nayak, Kanithi Vakula, Paidi Dinesh, Bighnaraj Naik, Manohar Mishra		Ant Colony Optimization in Data Mining: Critical Perspective from 2015 to 2020			International	2020	978-981-15-2304-5	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
36	H. Swapna Rekha, Janmenjoy Nayak, H. S. Behera		Pi-Sigma Neural Network: Survey of a Decade Progress			International	2020	978-981-15-2449-3	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger

37	Janmenjoy Nayak, Kanithi Vakula, Paidi Dinesh, Bighnaraj Naik		Moth Flame Optimization: Developments and Challenges up to 2020			International	2020	978-981-15-2449-3	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
38	Debasmita Mishra, Bighnaraj Naik, Ronali Madhusmita Sahoo, Janmenjoy Nayak		Deep Recurrent Neural Network (Deep-RNN) for Classification of Nonlinear Data			International	2020	978-981-15-2449-3	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
39	Janmenjoy Nayak, Favorskaya, M., Jain, S., Naik, B., Mishra, M.		Advanced Machine Learning Approaches in Cancer Prognosis			International	2021	978-303-07-1974-6	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
40	Janmenjoy Nayak, Bighnaraj Naik, Danilo Pelusi, Asit Kumar Das	Handbook of Computational Intelligence in Biomedical Engineering and Healthcare				International	2021	978-012-82-2260-7	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	ELSEVIER
41	Suman Tripathi, Kolla Prakash, Valentina Balas, Sushanta Mohapatra, Janmenjoy Nayak		Electronic Devices, Circuits, and Systems for Biomedical Applications			International	2021	978-032-38-5369-9	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	ELSEVIER
42	Siddhartha Bhattacharyya, Janmenjoy Nayak, Kolla Bhanu Prakash, Bighnaraj Naik, Ajith Abraham		Intelligent and Smart Computing in Data Analytics			International	2021	978-981-33-6176-8	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
43	G.T. Chandra Sekhar, H. S. Behera, Janmenjoy Nayak, Bighnaraj Naik, Danilo Pelusi	Intelligent Computing in Control and Communication”, Lecture Notes in Electrical Engineering				International	2021	978-981-15-8439-8	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Spinger
44	T PANDURANGA VITAL	IOP Conference Series: Materials Science and Engineering	Empirical Statistical Analysis and Cluster Studies on Socio-Economic Status (SES) Dataset	COMPUTING & COMMUNICATION SYSTEMS FOR A FOURTH INDUSTRIAL REVOLUTION" (AICERA 2020) chapter12		International	2021	1757-899X	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	IOP Publishing Ltd.
45	T PANDURANGA VITAL	Handbook of Computational Intelligence in Biomedical Engineering and Healthcare	Empirical study on Uddanam chronic kidney diseases (UCKD) with statistical and machine learning analysis including probabilistic neural networks			International	2021	978-0-12-822260-7	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	academic press
46	T. PANDURANGA VITAL & L V Satyanarayana		Intelligent Liver Disease Prediction (ILDLP) System Using Machine Learning Models	<u>Intelligent Computing in Control and Communication</u>		International	2020	978-981-15-8438-1	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT(AITAM),TEKKALI	Springer