

3. Research, Innovations and Extension

3.4: Research Publications and Awards

3.4.4: Number of books and chapters in edited volumes published per teacher during the last five years

3.4.4.1: Total Number of books and chapters in edited volumes published during the last five years

3.4.4.1_2 List of chapter/book along with the links redirecting to the source website

S.no	Title of book	Author Name	Book chapter	Link
AIDS				
1.	Electrical, Electronics, Information and Communication Technologies	Dr. D. Shravani	Deep Learning for Classification of Salient Object Classification in Unmanned Crime Spot	https://ieeexplore.ieee.org/document/10157964/
2.	Advancements in Smart Computing and Information Security	Dr. D. Shravani	A Machine Learning Framework for Automatic Detection of Malware	https://link.springer.com/book/10.1007/978-3-031-23095-0
CME				
3	NA	Dr. K. Vaidehi	Drivers Drowsiness Detection using Image Processing and I-Ear Techniques	https://iopscience.iop.org/article/10.1088/1742-6596/2325/1/012057
4	Pervasive computing and Social Networking	Dr. K. Vaidehi,	An Automated System to Preprocess and Classify Medical Digital X-rays	https://link.springer.com/chapter/10.1007/978-981-19-2840-6_59
	Pervasive computing and Social Networking	Sumera	An Automated System to Preprocess and Classify Medical Digital X-rays	https://link.springer.com/chapter/10.1007/978-981-19-2840-6_59

5	Computational Methods and Data Engineeirng	Dr. K. Vaidehi	Classification of Animals Using MobileNet with SVM Classifier	https://doi.org/10.1007/978-981-19-3015-7_25
6	Advancements in Artificial Intelligence & Soft Computing	Sumera	Light fidelity(Li-Fi): A wireless technology	Printed Copy
7	Data Mining and Data Warehousing	NanditaManvar		Printed Copy
8	Inventive computation and information technologies.	Dr. K. Vaidehi	Vision-Based Personal Face Emotional Recognition Approach Using Machine Learning and Tree-Based Classifier	Printed Copy
CSE				
9	Automatic Water Level Detection using IOT	Dr.D.Shravani	ICDECT 2019	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_76#:~:text=The%20device%20has%20sensors%20(ultrasonic,and%20the%20buzzer%20beeps%20continuously.
10	A survey on Face Recognition Using Convolutional Neural Networks	M.Swapna	ICDECT 2019	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_54
11	Isolated Health Surveillance System Through IOT Using Raspberry Pi	Sumaya Afreen,	ICDECT 2019	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_80

12	Isolated Health Surveillance System Through IOT Using Raspberry Pi	Asma Begum	ICDECT 2019	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_80
13	Automatic water controller switch and pH determination for overhead tank using IOT	Amtul Sana Amreen	ICDECT 2019	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_1
14	Novel Performance Analysis of DCT, DWT and Fractal Coding in Image Compression	G. V. S. Raju	AISC	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_51
15	“A Review on Automatic Glaucoma Detection in Retinal	Dr.K.Vaidehi	AISC	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_41#:~:text=Retinal%20image%20analysis%20has%20been,such%20as%20glaucoma%20and%20retinopathy.
16	“Short-Term Load Forecasting Using Wavelet Denoising Signal Processing Technique”,	Dr.K.Vaidehi	AISC	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_58#:~:text=The%20fundamental%20commitment%20of%20this,utilizing%20wavelet%2Dbased%20BPNN%20models.
17	A study of Physiological Homeostasis and its analysis related to cancer disease based on regulation of pH values using Computer Aided Techniques”	Dr.K.Vaidehi	AISC	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_61

18	"Handwritten Mathematical Symbol Recognition using Machine Learning Techniques: Review"	Dr.K.Vaidehi	(LAIS - Springer),	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_75#:~:text=Hidden%20Markov%20Model%20(HMM)%20based,segmentation%20and%20isolated%20symbol%20recognition.
19	"Review on Facial Expression Recognition System using Machine Learning Techniques",	Dr.K.Vaidehi	(LAIS - Springer),	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_70
20	"Incidence Of Cancer In Breast Fed Grownups A Study	Dr. B. Srinivasu	3rd International Conference on Data Engineering and Communication Technology, Springer-AISC	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_60
21	"Emotion Detection Framework For Twitter Data Using Supervised Classifiers"	Dr. B. Srinivasu	3rd International Conference on Data Engineering and Communication Technology, Springer-AISC	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_47
22	Students' Performance Evaluation And Analysis	Dr. B. Srinivasu	3rd International Conference on Data Engineering and Communication Technology	https://www.proquest.com/openview/f9bec859a3147b70b86b8cd7ff0b4d12/1?pq-origsite=gscholar&cbl=2030612
23	Telugu Movie Review Sentiment Analysis Using Natural Language Processing Approach	Dr. B. Srinivasu	3rd International Conference on Data Engineering and Communication Technology	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_57
24	Supervised Machine Learning Approach for identification of Malicious URLs	Dr. B. Srinivasu	1st International Conference on Advances in Computational Intelligence and Informatics (ICACII – 2019)	https://link.springer.com/chapter/10.1007/978-981-15-3338-9_23

25	"A Study Of Different Techniques In Educational Data Mining	Dr. B. Srinivasu	International Conference on Emerging Trends in Engineering, Springer-LAIS, Osmania University,Hyderabad,India, 2019.	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_65
26	Survey On Overlapping Community Detection For Multimedia Social Network	Dr. B. Srinivasu	International Conference on Emerging Trends in Engineering, Springer-LAIS, Osmania University,Hyderabad,India, 2019.	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_66
27	A Review On Different Question Answering System Approaches	Dr. B. Srinivasu	International Conference on Emerging Trends in Engineering, Springer-LAIS, Osmania University,Hyderabad,India, 2019.	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_67
28	"A Study Of Malicious Url Detection Using Machine Learning And Heuristic Approaches	Dr. B. Srinivasu	International Conference on Emerging Trends in Engineering, Springer-LAIS, Osmania University,Hyderabad,India, 2019.	https://www.academia.edu/66860232/A_Study_of_Malicious_URL_Detection_Using_Machine_Learning_and_Heuristic_Approaches
29	"A Survey On Network Intrusion Detection System Using Machine Learning	Dr. B. Srinivasu	International Conference on Emerging Trends in Engineering, Springer-LAIS, Osmania University,Hyderabad,India, 2019.	https://www.researchgate.net/publication/334708717_A_Review_on_Network_Intrusion_Detection_System_Using_Machine_Learning
30	"A Comparative Study On Document Clustering Using Different Unsupervised Learning Approaches	Dr. B. Srinivasu	International Conference on Emerging Trends in Engineering, Springer-LAIS, Osmania University,Hyderabad,India, 2019.	https://www.researchgate.net/publication/334708619_Document_Clustering_Using_Different_Unsupervised_Learning_Approaches_A_Survey
31	"A Comparative Study Of Liver Disease Classification Using Data Mining And Machine Learning Algorithms	Dr. B. Srinivasu	International Conference on Emerging Trends in Engineering, Springer-LAIS, Osmania University,Hyderabad,India, 2019.	https://link.springer.com/chapter/10.1007/978-3-030-24318-0_72

32	"Automated Lighting Smart Parking using Internet of Things"	Rajasekhar Shastry	The International Conference on Intelligent Computing, Information and Control Systems [ICICCS 2019]	https://www.researchgate.net/publication/336670569_Automated_Lighting_Smart_Parking_Using_Internet_of_Things
33	"Automated Lighting Smart Parking using Internet of Things"	Dr. Ramana Murthy	The International Conference on Intelligent Computing, Information and Control Systems [ICICCS 2019]	https://www.researchgate.net/publication/336670569_Automated_Lighting_Smart_Parking_Using_Internet_of_Things
34	"Automated Lighting Smart Parking using Internet of Things"	Kishor Kumar Reddy C,	The International Conference on Intelligent Computing, Information and Control Systems [ICICCS 2019]	https://www.researchgate.net/publication/336670569_Automated_Lighting_Smart_Parking_Using_Internet_of_Things
35	"Automated Lighting Smart Parking using Internet of Things"	Anisha P R	The International Conference on Intelligent Computing, Information and Control Systems [ICICCS 2019]	https://www.researchgate.net/publication/336670569_Automated_Lighting_Smart_Parking_Using_Internet_of_Things
36	Prediction of Students Educational Performance using Machine Learning Techniques	Dr.B.V.Ramana Murthy	Springer ASIC Series	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_36
37	A Survey on Internet of Things: Enablers, Constraints, Smart Solutions and Applications	Dr.B.V.Ramana Murthy	ICDECT	https://www.researchgate.net/publication/338467853_Comparative_Study_on_Internet_of_Things_Enablers_and_Constraints
38	Usage of Web Mining for Sales and Corporate Marketing	Shivani Yadao	Communication Software and Networks, Proceedings of INDIA 2019 (pp.55-60)	https://www.researchgate.net/publication/345262971_Usage_of_Web_Mining_for_Sales_and_Corporate_Marketing
39	Machine Learning Architecture a Recent Paradigm	Lingala Thirupathi Reddy	Machine Learning Architecture a recent Paradigms, INSC International Publishers	NA

40	ADVANCES IN SCIENCE TECHNOLOGY AND INNOVATION	Dr.G.Padmasree	Influence of Manganese (Mn) and Dysprosium (Dy) Doping on the Magnetic Properties of YFeO3	https://www.researchgate.net/publication/353736025_Magnetization_studies_of_Mn_doped_YFeO3_multiferroics
41	Computer Networks and simulation	Lingala Thirupathi Reddy		https://www.flipkart.com/computer-networks-simulation/p/itm6959120e61180
42	ADVANCES IN SCIENCE TECHNOLOGY AND INNOVATION	Dr M.Swapna	Music Therapy Based On Facial Emotion Predicted System –86	Printed Copy
43	ADVANCES IN SCIENCE TECHNOLOGY AND INNOVATION	Dr M.Swapna	Influence of Manganese(Mn) and Dysprosium(Dy) Doping on the Magnetic Properties of Yttrium Iron Oxide (YFeO3) Multiferroic Materials -- 51	Printed Copy
44	Book: Intelligent System Design	Lingala Thirupathi Reddy		Printed Copy
ECE				
45	Slope Stability in Open Cast Mining	Dr G. Karthik	Laboratory Investigations of Ultrasonic Sensor for Real Time Monitoring of Land Slides and Slope Failures(Chapter)	Printed Copy
46	IoT Applications, Security Threats and Countermeasures	Dr. K.N. Sahu	Application of internet of things in healthcare	https://books.google.co.in/books?hl=en&lr=&id=oaA4EAAAQBAJ&oi=fnd&pg=PA177&dq=IoT+Applications,+Security+Threats+and+Countermeasures+Dr.+K.N.+Sahu+Application+of+internet+of+things+in+healthcare&ots=wdCq12We2y&sig=DfAEg6VKhN1pgq6wROMnwf6Bo1o#v=onepage&q&f=false

47	Intelligent Systems and Machine Learning for Industry	Dr. UdayiniChanadana	Intelligent Systems and Machine Learning for Industry/Biorthogonal filter-based algorithm for denoising and segmentation of fundus images	https://www.taylorfrancis.com/books/edit/10.1201/9781003286745/intelligent-systems-machine-learning-industry-anishakishor-kumar-reddy-nhugia-nguyen-meghabhushan-ashok-kumar-marlia-mohd-hanafiah
48	Futuristic Trends in IoT	Dr. G. Karthik	Futuristic Trends in IoT	Printed Copy
EEE				
49	NA	SreelathaAihloor Subramanyam	A Preliminary Study on Collusion Detection In Transactive Energy Systems	https://ieeexplore.ieee.org/document/9772020
IT				
50	Proceedings on 3 rd International Conference on Data Engineering and Communication Technology (ICDECT)	Dr.A.KanakaDurgana	Clustering based Block Chain Technique for Securing Wireless Sensor Networks	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_39#:~:text=This%20paper%20proposes%20a%20blockchain,to%20the%20compromised%20base%20stations.ext
51	Proceedings on 3 rd International Conference on Data Engineering and Communication Technology (ICDECT)	Ms.T.C.Swetha Priya	Clustering based Block Chain Technique for Securing Wireless Sensor Networks	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_39#:~:text=This%20paper%20proposes%20a%20blockchain,to%20the%20compromised%20base%20stations.

52	Proceedings on ICICCT 2019 – System Reliability, Quality Control, Safety, Maintenance and Management	Mrs.Afreen Fatima Mohammed	A Hybrid Approach for Secure Iris-Based Authentication in IOT	https://link.springer.com/chapter/10.1007/978-981-13-8461-5_18#:~:text=During%20Enrollment%20stage%20of%20an,the%20cloud%20server%20for%20storage.
53	Proceedings on International Conference on Emerging Trends in Information Technology and Engineering	Mrs.Afreen Fatima Mohammed	A Survey on Security Mechanism In IoT	https://ieeexplore.ieee.org/document/9077819
54	Proceedings of 3 rd International Conference on Data Engineering and Communication Technology (ICDECT)	Ms.T.C.SwethaPriya	Clustering based Block Chain Technique for Securing Wireless Sensor Networks	https://link.springer.com/chapter/10.1007/978-981-15-1097-7_39#:~:text=This%20paper%20proposes%20a%20blockchain,to%20the%20compromised%20base%20stations.
55	Proceedings of 5th International Conference on Communication and Electronics Systems (ICCES)	Mrs. G Sreelatha	Ensuring Anomaly-Aware Security Model for Dynamic Cloud Environment using Transfer Learning	https://ieeexplore.ieee.org/document/9138009
56	Proceedings on ICISC 2021	Mrs. G Sreelatha	Extended Equilibrium-Based Transfer Learning for Improved Security in Cloud Environment	https://link.springer.com/chapter/10.1007/978-981-16-1395-1_41

57	Proceedings on IRCICD 2020	Mrs.Y.V.Sreevani	Recent Trends in Speech Processing for Speaker Emotion Recognition-A survey	https://solidstatetechnology.us/index.php/JSST/article/view/1765
58	Proceedings of 2nd International Conference on Advances in Distributed Computing & Machine Learning 2021	Mrs. Ch. M. Shruthi	Applying IoT to Improve Services in Healthcare Units: Case Study of Secure Remote Health Monitoring System”	https://link.springer.com/chapter/10.1007/978-981-16-4807-6_5
59	Computer Networks and Inventive Communication Technologies	Dr. B Srinivasu	K-Nearest Neighbor and Collaborative Filtering-Based Movie Recommendation System	https://link.springer.com/chapter/10.1007/978-981-19-3035-5_35#:~:text=The%20combination%20of%20KNN%20algorithm,results%20and%20improve%20recommendation%20performance.
60	Proceedings of Third International Conference on Advances in Computer Engineering and Communication Systems	Dr. B Srinivasu	A Survey on Automatic Text Summarisation	https://link.springer.com/chapter/10.1007/978-981-19-9228-5_58
61	Proceedings of International Conference on Network Security and Blockchain Technology: ICNSBT 2023	Mrs. T C SwethaPriya	Protecting the Privacy of IoMT based health records using Blockchain Technology	https://link.springer.com/chapter/10.1007/978-981-99-4433-0_34#:~:text=So%2C%20blockchain%20technology%20promises%20privacy,security%20to%20the%20patient%20information.

62	Intelligent Computing and Applications	Dr G Sreelatha	Modified Cloud-Based Malware Identification Technique Using Machine Learning Approach	https://link.springer.com/chapter/10.1007/978-981-19-4162-7_17
H&S				
63	Advances in science technology and innovation	Dr.G.Padmasree	Influence of Manganese (Mn) and Dysprosium (Dy) Doping on the Magnetic Properties of YFeO ₃	Printed Copy
64	Advances in science technology and innovation	Dr.G.Padmasree	Music Therapy Based On Facial Emotion Predicted System	Printed Copy
65	Data Science	Dr. K L Vasundhara		Printed Copy
66	Engineering Mathematics-IV	Dr. K L Vasundhara		Printed Copy
67	Global Fiction and the New Challenges Dalit,Diaspora and Diversity - A Comprehensive Volume Global Fiction and the New Challenges Dalit,Diaspora and Diversity - A Comprehensive Volume	Dr. V. Srilatha	“Women of Self-esteem in the Short Fiction of Shashi Deshpande”	Printed Copy

MBA

68	Transforming Organizations through Talent Management	Dr.Y.Padma	Driving Business Strategy and Enhancing value creation	Printed Copy
69	Management (through Transformation of Policy framework) for Better Society	M. AmalaKumari	Recent reforms in Human Resources Development	Printed Copy
70	Management (through Transformation of Policy framework) for Better Society	T.NagaBharani	A Study on Employee Absenteeism	Printed Copy
71	Management (through Transformation of Policy framework) for Better Society	G. Sowmya	Lean HR: Potential for Future India	Printed Copy
72	Management (through Transformation of Policy framework) for Better Society	Syed Afshan Sultana	Recent IPOs in India	Printed Copy
73	Post Pandemic Economy - Challenges & Solutions	Dr.Y.Padma	Impact of covid 19 on Airline industry.	Printed Copy

74	Post Pandemic Economy - Challenges & Solutions	Dr.G.Nalini	Impact of covid 19 on employment in India	Printed Copy
75	<p>1. Emerging Issues in Business and Management</p> <p>2. Emerging Issues in Business and Management” ISBN: 978-81-947249-2-6</p> <p>3. Millennium Research Trends – Current Solutions.</p> <p>4. Two-day International Conference Management</p> <p>5. Post Pandemic Economy - Challenges & Solutions</p>	S.Vijay Kumar	<p>1. Valiant Valli: Breaking the Glass-Ceiling Case Study</p> <p>2. “Emerging Innovations of Converging Times”</p> <p>3. Innovative Research Trends and Opportunities.</p> <p>4. Lean HR: Potential for Future India</p> <p>5. New Imperatives in Post Covid-19 Scenario</p>	https://www.researchgate.net/publication/343362278_Post_Pandemic_Economy_-_Challenges_Solutions
76	<p>Post Pandemic Economy - Challenges & Solutions</p> <p>Post Pandemic Economy - Challenges & Solutions</p>	M.AmalaKumari	Impact of pandemic on Indian Education Sector	Printed Copy

77	Post Pandemic Economy - Challenges & Solutions	T.NagaBharani	Impact of pandemic on banking Sector	Printed Copy
78	Innovation and Information Exchange in Business and Management Volume VI	Dr.Y.Padma	The Role of Emerging Digital Marketing Technologies in the Success of the Business	Printed Copy
79	International Conference on latest trends in Innovation	Dr.Y.Padma	An Empirical examination of Intrinsic motivation, performance appraisal, satisfaction among employees in select service sector.	Printed Copy
80	Role of Technology towards Sustainable Development, Innovation and Information Exchange in Business and Management	Dr. Y. Padma	The Role of Emerging Digital Marketing Technologies in the Success of the Business	Printed Copy
81	Proceedings of UAE International Conference on Multidisciplinary Research and Innovation	Dr. Y. Padma	Leadership Challenges in Higher Learning Institutions on the CUSP Transitioning towards Education-4.0	Printed Copy

82	Proceedings of UAE International Conference on Multidisciplinary Research and Innovation	Dr. Y. Padma	Using Engineering Approach to Marketing for Powering an Organizations Growth	Printed Copy
----	---	--------------	---	--------------