



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(Unit of Alva's Education Foundation (R), Moodbidri)

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.

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Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

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QUALITY INDICATOR FRAMEWORK (QIF)

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher	Document Link
AGRI									
1	Dr. Shashikumar	Role of Agriculture Engineering and Statistics for Sustainable Natural Resource Management	Artificial Intelligence in Weed Management		National	2023	978-81-19006-281	New Delhi Publishers	View Document
CSD									
2	Venugopala Rao A S		Application of AI Technology and Image Processing to Smart Agriculture: Detection and Classification of Plant Diseases	Proceedings of 13th International Conference on Computing Communication and Networking Technologies (ICCCNT), 2022	International	2022	978-1-6654-5262-5	IEEE	View Document
CSE									
3	Mr. Abhijith L Kotian		Machine Learning Based Melanoma Skin Cancer Detection	International Journal of Engineering, Management and Humanities (IJEMH)	International	2023	2394-0913	IJMH	View Document
4	Mrs. Reena Lobo		A Review Paper on Knee-Osteoarthritis Detection of X-Rays Using Convolution Neural Network	International Conference on Advanced Computing Technology (ICACT 2023)	International	2023		VCET	
5	Mrs. Deepika Kamath		Online Mobile Price Range Prediction Using Machine Learning	National Conference on Emerging Innovations in Computer Science and Technology, PESITM, Shivamogga (NCEICT)	International	2023		VCET	



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6	Mrs.Vidya		Prathibimba-Test Platform for Alva's Placement Activities	International Conference on Advanced Computing Technology(ICAICT)-2023	International	2023		VCET
7	Mrs.Anupama K		Next Word Prediction Using N-Gram	International Conference on Advanced Computing Technology(ICAICT)	International	2023		VCET
8	Mrs. Babitha Poojary		Detection of adulteration in fruits using machine learning algorithms.	National Conference on Emerging Technology in Engineering(NCAICT-2023)	International	2023		VCET
9	Mr. Venkatesh		Exam Cell Automation System	International Conference on Advanced Computing Technology(ICAICT 2023)	International	2023		VCET
10	Mr. Vasudev Shahapur S		Monochromatic To RGB Using Deep Learning Algorithms	National Conference on Emerging Technology in Engineering NCETE2023	International	2023		VCET
11	Dr.Manjunath Kotari		Bitcoin Price Prediction Using Machine Learning and Sentiment Analysis	International Conference on Advanced Computing Technology(ICAICT 2023)	International	2023		VCET
12	Mrs.Anupama K		Fake News Detection Using Machine Learning	International Conference on Advanced Computing Technology(ICAICT 2023)	International	2023		VCET
13	Dr.Arun Anoop M		Experimental Evaluation of Heart Risk Prediction Using Machine Learning	National conference on Recent Trends in Engineering and Technology(NCRTET)-2023	International	2023		VCET
14	Mr. Vasudev Shahapur S		Image Segmentation Using Deep Learning	National Conference on Emerging Technology in Engineering (NCRTET)-2023	International	2023		VCET
15	Dr.Madhusudhan S		Automated attendance system using face recognition	International Journal For Engineering Research , Peer-Reviewed, Refereed Journal (TIJER)	International	2023		VCET
16	Mrs. Deeksha M		Mining the social media data using Big data analytics	National Conference on emerging Technology in Engineering	International	2023		VCET



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17	Dr.Manjunath Kotari		Development of a Machine Learning Model to Detect Chronic Kidney Disease (Ckd) And Parkinson's Disease (PD).	International Conference on Advanced Computing Technology(ICAICT 2023)	International	2023		VCET	
18	Mr. Abhijith L Kotian		Covid 19 Verification and Supply Chain Management.	International Journal Of Engineering,Management and Humanities(IJEMH)	International	2023	2394-0913	IJMH	
19	Mrs. Babitha Poojary		Data Mining Techniques In Insurance Sector	International Conference on Advanced Computing Technology(ICAICT -2023)	International	2023		VCET	
20	Mr.Venkatesh		Virtual Classroom	International Scientific Journal of Engineering and Management	International	2023	2583-6129	IJSJEM	
21	Mr.Rizwan Shaikh		Two layer Authentication Using OTP and QR-Code	International Conference on Advanced Computing Technology(ICAICT 2023)	International	2023		VCET	
22	Mr.Prashanth Kumar		Drowsiness Detection System using OpenCV and Python	International Conference on Advanced Computing Technology(ICAICT 2023)	International	2023		VCET	
23	Dr.Arun Anoop M		Parkinson's Disease Prediction Using Machine Learning Techniques	International Conference on Advanced Computing Technology(ICAICT 2023)	International	2023		VCET	
CV									
24	Dr. H G Umeshchandra		Hydrogeochemical Analysis of Aquifers of Yedapadavu Village Moodbidri Taluk Dakshina Kannada District		International	2023	ISSN: 0363-8057	Gradiva Review Journal	View Document
ECE									
25	Dr. Dattathreya		Construction and Evaluation of Deep Neural network – based predictive Controller for drug preparation	AI and IoT based intelligent health care and simulation	International	2023	978-981-5136-54-8	Bentham Science	View Document



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26	Mrs. Vijetha T S		Smart Borewell Child Rescue System	13th International Conference on Advance in Computer Engineering	International	2023	978-000000000-2	ACEECom	View Document	
27	Mrs. Vijetha T S		Voice controlled wheel chair for physically disabled people with obstacle sensor and therapy unit	13th International Conference on Advance in Computer Engineering	International	2023	978-000000000-2	ACEECom		
28	Dr. Guruprasad B		Design and Development of Sensor as Portable Controller	2022 International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications (CENTCON)	International	2022	2277-4738	IEEE		
ISE										
29	Jayantkumar A Rathod		A Novel Framework for Network Based Secure Message Transmission Based on Fragmentation and Cryptography	2022 4th International Conference on Circuits, Control, Communication and Computing (I4C)	International	2023	2381-4128	IEEE		
30	Dr Sudheer Shetty	Image Processing with Python				2023	978-93-5757-630-7	Scientific Int. Publishing House		
31	Prof. Sudheer Shetty		A Brief Study on Automatic Music Control System using Image Processing	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT		
32	Jayantkumar A Rathod		Automatic Image Segmentation for the Detection of Illness in Cash Crops Extended Data Set Method & Deep Learning	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT		
33	Manjunath H R		A Review on a Machine Learning Approach to Skin Cancer Detection	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT		



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34	Pradeep V		A Review on Eye Aspect Ratio Technique	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2023	2581-9429	IJARST
35	Nagesh U B		A Brief Study on Human Action Recognition	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2023	2581-9429	IJARST
36	Sharan L Pais		Utilizing the CNN Algorithm to Identify Meals and Calculate Calories	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2023	2581-9429	IJARST
37	Pradeep Nayak		Missing Person Identification	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2023	2581-9429	IJARST
38	Lolakshi P K		Plant Leaf Disease Detection Using KNN Algorithm	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2023	2581-9429	IJARST
39	Jayantkumar A Rathod		A Review Paper on Brief Study on Breast Cancer Classification using Deep Learning	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2023	2581-9429	IJARST
40	Manjunath H R		A Review on a Milk Quality Detection and Analysis	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2023	2581-9429	IJARST
41	Pradeep V		A Review of Blockchain-Based Supply Chain Management: Applications, Challenges and Research Opportunities	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2023	2581-9429	IJARST
42	Nagesh U B		A Brief Study on Lane Detection using Lane Boundary Marker Network	International Journal of Advanced Research in	International	2023	2581-9429	IJARST



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QUALITY INDICATOR FRAMEWORK (QIF)

				Science, Communication and Technology (IJARSCT)				
43	Sharan L Pais		Disease Prediction using Machine Learning Algorithms	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
44	Pradeep Nayak		Crop Recommendation and Early Detection of Lack of Nutrients Using Machine Learning and Image Processing	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
45	Lolakshi P K		Heart Disease Detection System	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
46	Lolakshi P K		Comparative Study on the Detection of Parkinson's Disease using Machine Learning	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
47	Prof. Sudheer Shetty		Artificial Cognition for Social Human-Robot Interaction	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
48	Manjunath H R		Review Paper on Cyberbullying	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
49	Pradeep V		5G Mobile Communication Network's key technology	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
50	Sharan L Pais		Light weight Directory Access Protocol	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT



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51	Pradeep Nayak		Educational Data Mining.	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
52	Lolakshi P K		A Review on Smart Agriculture using IOT	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
53	Jayantkumar A Rathod		Review Paper on Radio Sensors	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
54	Manjunath H R		Discovering Repetitive code changes in Python ML systems	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
55	Pradeep V		An Analysis of 5G Wireless Networks	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
56	Nagesh U B		A Review on Fast Convergence Scheme in OSPF Network	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
57	Sharan L Pais		Data Mining Techniques and Applications	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
58	Pradeep Nayak		Big Data Analytics in Mobile Networks	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2023	2581-9429	IJARSCT
59	Mr. Pradeep V		Review Paper on a Study on SQL Attacks and Defense	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT



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60	Mr. Pradeep Nayak		Review Paper on 5G Network	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
61	Mr. Pradeep Nayak		Survey on Blockchain Technology	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
62	Mr. Pradeep Nayak		Robotic IP-Based Surveillance using IOT	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
63	Sudheer Shetty		Review on Human Computer Interface	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
64	Mr. Jayanth Kumar Rathod		A Study on Li-Fi Technology and its Various Applications	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
65	Manjunath H R		A Review on Cyber Security	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
66	Mr. Pradeep Nayak		ALOHA Protocol	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
67	Mr. Pradeep Nayak		The Hybrid Wireless Communication Link	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
68	Mr. Pradeep Nayak		True-Data Testbed for 5G/B5G Intelligent Network	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT



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69	Mr. Pradeep Nayak		Review Paper on Standard Ethernet	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
70	Mr. Pradeep Nayak		Error Correction and Error Detection in Network	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
71	Mr. Pradeep Nayak		Robotic IP-Based Surveillance Using IOT	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
72	Mr. Pradeep Nayak		Broadcasting Network and Multicasting Network	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
73	Mr. Pradeep Nayak		A Review on Addresses Resolution Protocol	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
74	Mr. Pradeep Nayak		Slow Start Concept in Data Communication	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
75	Mr. Pradeep Nayak		Cloud Radio Access Network	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
76	Mr. Pradeep Nayak		A Detection Method Against DNS Cache Poisoning Attacks using Machine Learning Techniques	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	International	2022	2581-9429	IJARSCT
77	Mr. Pradeep Nayak		Exploring the Hypertext Transfer Protocol	International Journal of Advanced Research in	International	2022	2581-9429	IJARSCT



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				Science, Communication and Technology (IJARST)					
78	Mr. Pradeep Nayak		Review Paper on Cyber Security and Types of Cyber Attacks	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2022	2581-9429	IJARST	
79	Sudheer Shetty		Review Paper on Cyber Security	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	International	2022	2581-9429	IJARST	
MBA									
80	Dr. Catherine Nirmala David		A study on impact of perceived benefits on customer preference for electric vehicles		International	2023	2320-7906	SDMIMD Journal of Management	View Document
ME									
81	Dr. Gurushanth B Vaggar		Additive Manufacturing: A Review	International Journal of Engineering Research & Technology (IJERT)	International	2023	2278-0181	IJERT	View Document
82	Prof. Praveen K C		Additive Manufacturing: A Review	International Journal of Engineering Research & Technology (IJERT)	International	2023	2278-0181	IJERT	
83	Dr. Gurushanth B Vaggar		Benefits of Rice Husk Ash used in Cement Concrete: A Review	International Journal of Engineering Research & Technology (IJERT)	International	2023	2278-0181	IJERT	
84	Prof. Deepak Kothari		Crop Protection from Wild Animals	International Journal of Research Publication and Reviews	International	2023	2582-7421	IJRPR	
85	Hemanth Suvarna		A review on Vapor absorption Solar refrigeration techniques	International Journal of Research Publication and Reviews	International	2023	2582-7421	IJRPR	
86	Hemanth Suvarna		A review on Automation in Hydroponics	International Research Journal of Engineering and Technology (IRJET)	International	2023	2395-0056	IRJET	



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87	Sudheer P N		Unbalanced Voltage Impacts and its Analysis on an Induction Motor	International Research Journal of Engineering and Technology (IRJET)	International	2023	2395-0056	IRJET	
88	Sharathchandra Prabhu		Problems Related to Rural Areas in Agriculture	International Journal of Research Publication and Reviews	International	2023	2582-7421	IJRPR	