

## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

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Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka

Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



### 3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five year

Sl. No.	Name of the teacher	Title of the paper	Name of the conference	National / International	Calendar Year of publication	Link to article / paper / abstract of the conference
<b>YEAR 2022-23</b>						
1	Chaitra Bhat M	Agricultural portal for better crop production	National coference on emerging Innovations and Technology(NCEICT-2023), pp , held at PESITM Shivamogga	National	From : 12-May-2023 To 15-May-2023	<a href="#">View Document</a>
2	Sadananda L	Classification of News Based on Location Using ML Algorithms	National Conference on Emerging Innovations in Computer Science and Technology (NCEICT-2023), pp 0-6, held at P.E.S. Institute of Technology and Management is an engineering and management, Shivamogga	National	May 2023	
3	Soumya J Bhat	Public Bus Information and Tracking using IoT	Jnanasangama 2023, pp 92, held at Vivekananda College of Engineering and Technology , Puttur	International	From : 12-May-2023 To 15-May-2023	
4	Rukmini Bhat B	Fake Product Detection using Blockchain	National Conference on Emerging Innovations in Computer Science and Technology (NCEICT-2023), pp 0-6, held at P.E.S. Institute of Technology and Management is an engineering and management, Shivamogga	National	12-15 may 2023	
5	Sadananda L	Driver Drowsiness Detection System	Jnanasangama 2023, pp 74-80, held at Vivekananda College of Engineering and Technology , Puttur	International	From : 05-May-2023 To 05-05-2023	

6	Arun Upadhyaya	Significance of Performance Indicators (PI) in the Design of Course file-Case Study for Effective Teaching Pedagogy	24th ISTE Karnataka State Level Faculty Convention & 32nd Dr.L.S.Chandrakant Memorial Lecture Series	International	2023	
7	Ranjith Bhat, Chandana	A comparative study on Alternative Deep Learning Based Animal Classification System	2nd Student International Conference [ICRDSTEM-2023]	International	2023	
8	Chandana	Brain Tumor Detection Using Deep Learning Techniques	IC-ICIC-2023	International	2023	
9	Ms. Shreya Udupa S	Robot Assistance for Visually Impaired	"Technology for Industry 4.0 Revolution (ICTIR)"	International	2023	
<b>YEAR 2021-22</b>						
1	Balachandra Achar H V	Enhancing the performance of wireless sensor network by integrating with optical fiber communication	ICAECT 2022	International	2022	<a href="#">View Document</a>
2	Sowmya Bhat	Design of low power full adder with minimum number of transistors for application	ICGCP-2021	International	2021	
<b>YEAR 2020-21</b>						
<b>NIL</b>						
<b>YEAR 2019-20</b>						
1	Rukmini B	Load balancing in software defined networking	International Conference on Emerging Trends in Science and Engineering ICETSE - 2020	International	July 2020	<a href="#">View Document</a>
2	Nagraj Bhat	A Review on Land Use Land Cover Classification of Satellite Images using Deep Learning Approach	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020	
3	Deepika BV	Integrated Solid Waste Management - A Case Study on Shirva Panchayat	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020	

4	Thirumaleshwara Bhat	Experimental Analysis of Influence of Injection Timing on Compression Ignition Engine with Blend of Biodiesel and Nanoparticles	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
5	Mallya Ananth Mohan	Design and fabrication of Techno-Economical Incinerator using Solar Energy	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
6	Rama Moorthy H	Image Steganography using Sudoku: A Combined Approach	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
7	Yashaswini Jogi	A Survey on Human Activity Recognition	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
8	Praveen M Naik	Hand Gesture Recognition System for Physically disabled or deaf and dumb	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
9	Madhura	Food wastage prevention and donation	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
10	Priyanka	An Integrated User Interface as Farmer's Assistant System	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
11	Karthik V	Fabrication of Raw Cashew Nut Destoner	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
12	Sharath Kumar	Fabrication of Pesticide Series Spraying Machine for Agricultural Purpose	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
13	Sachin Bhat	Extraction of Human Body Measurement Using Green Screen Segmentation	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
14	Madhukar Nayak	Understanding the entrepreneurial intention among final year Engineering students in coastal Karnataka region	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020

15	Deepthi G Pai	Early flood detection and avoidance system using IOT	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
16	Deepak Rao M	Disease prediction in Paddy crop using machine learning	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
17	Madhukara Nayak	Determinants of Entrepreneurial Intention among Engineering Students: Application of Planned Behaviour	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
18	Gajanan Anne, Aditya Kudva S	Improving Functional Properties of Mg-4Zn-1Sr alloy using Cryo Ball Burnishing Technique	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
19	Sneha N S	Smart Complaint Redressal System Using Ethereum Blockchain	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
20	Manoj T	A Survey of Cardiac Arrhythmia Classification using Deep Learning Approaches	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
21	Sowmya	Bus Tracking System Using GPS & Android Application	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
22	Kiran Bhat	Evaluation of mechanical properties of bamboo and banana fibre composites	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
23	Kishor Kumar Aroor, Thirumaleshwara Bhat	An Engineering student's viewpoint on the implementation of active learning techniques and modern tools for the teaching-learning process	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
24	Thirumaleshwara Bhat	Effect of alkaline treatment on dry sliding wear performance of natural fibre fabric re-inforced epoxy composite	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
25	Rama Moorthy H	5G Cellular Network in Cyber Physical System: An Overview	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020

26	Karthik V	Development Of Wet Food Waste Converter for Clean India Mission	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
27	Dhanya Shenoy	Time Table Management System using Genetic Algorithm	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
28	Ramyashree	Super Stick	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
29	Nagaraj Bhat	Review On Smuggling Detection And Prevention System For Trees In Forest Using IoT	International Conference on Emerging Trends in Science and Engineering ICETSE - 2020	International	July 2020
30	Narayan Nayak	Electrical characterisation of sisal reinforced polypropylene composites	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
31	Laxmi Shetty	Sentimental analysis using speech streams	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
32	Renita Pinto	Secured product delivery UAV based Windcopter	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
33	Mallya Ananth Mohan	Development of Seat Actuated Parking Brake Using Rack and Pinion	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
34	Balachandra Achar	SaviourDrone: The Drone Designed To Help In Medical Emergencies	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
35	Rajashree Nambiar P	A New Design System of Quadcopter with Autonomous Flight Control	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
36	Vimitha, Adesh N.D	Predicting Congestion In Network Using Machine Learning Techniques	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020

37	Vijendra Bhat	Pesticide Spraying System Using Wired Drone	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
38	Manoj T	Survey on paddy leaf disease detection and classification using deep learning techniques	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
39	Mallya Ananth Mohan	Experimental Investigation in Determining Optimum Working Temperature for a 4-Stroke Air-Cooled Motorcycle Engine	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
40	Gajanan Anne	Influence of multi directional forging on biodegradable Mg-Zn-Mn alloy	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
41	Aditya Kudva S, Gajanan Anne	Multidirectional Forging of Binary Mg-Zn Alloy and its Performance	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
42	Ravinarayan R Rao	Design and Development of Modular Reversing System in Scooter for Physically Challenged People	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
43	Priyanka	Mobile data protection	International Conference on Emerging Trends in Science and Engineering (ICETSE-2020)	International	July 2020
44	Sharath Kumar	An Efficient Approach for Detection of Lung Cancer through Image Processing	International Conference on Emerging Trends in Science and Engineering ICETSE-2020	International	2020

**YEAR 2018-19**

1	Anand V R	Comparative studies on the strength parameters of polypropylene fiber reinforced concrete and steel fiber	National conference on emerging trends in science & engineering	National	2019	<a href="#">View Document</a>
2	Yashaswini Jogi	Review on visible light communication	National conference on emerging trends in science & engineering	National	2019	
3	Anujna Rao	TV show popularity analysis	National conference on emerging trends in science & engineering	National	2019	

4	Rajashree Nambiar P	Smart Headlight System	National conference on emerging trends in science & engineering	National	2019
5	Aditya Kudva S	Modification of existing seed drill machine	National conference on emerging trends in science & engineering	National	2019
6	Sowmya S	Vehicle theft detection using IoT	National conference on emerging trends in science & engineering	National	2019
7	Renita Pinto	Real time animal and bird repellent system	National conference on emerging trends in science & engineering	National	2019
8	Deepika BV	Performance Evaluation of coagulants using natural available materials	National conference on emerging trends in science & engineering	National	2019
9	Gajanan Anne	Investigation of microstructure, mechanical and corrosion behavior of the biodegradable Mg-Zn alloys	National conference on emerging trends in science & engineering	National	2019
10	Raghavendra Rao P	Intelligent Traffic Management using wired sensor networks	National conference on emerging trends in science & engineering	National	2019
11	Venugopala	3d reconstruction of mandible using panoramic technology	National conference on emerging trends in science & engineering	National	2019
12	Priyanka	Examination seating arrangement	National conference on emerging trends in science & engineering	National	2019
13	Adesh N.D	OMR based attendance management system for SMVITM	National conference on emerging trends in science & engineering	National	2019
14	Nagaraj Bhat	Soft Computing Approach to Predict Rainfall	National Conference on Emerging Trends in Science and Engineering NCETSE -2019	National	2019

15	Sudarshan Rao K	Design and fabrication of water tank cleaner	National Conference on Emerging Trends in Science and Engineering NCETSE -2020	National	2019
16	Nagaraj Bhat	Deep learning techniques using data science	National Conference on Emerging Trends in Science and Engineering NCETSE -2021	National	2019
17	Swathi Prabhu	Mining trailer data from YouTube for predicting the gross income of movie	National Conference on Emerging Trends in Science and Engineering NCETSE -2022	National	2019
18	Anujna Rao	Digital Electoral System	National Conference on Emerging Trends in Science and Engineering NCETSE -2023	National	2019
19	Tejaswini H	Fake Image recognition using Metadata and error level analysis using machine learning	National Conference on Emerging Trends in Science and Engineering NCETSE -2024	National	2019
20	Shrinivasa	Transport Vigilance and fine automation	National Conference on Emerging Trends in Science and Engineering NCETSE -2025	National	2019
21	Manoj T	Ambient Assisted living : A review on human activity recognition and vital health sign monitoring using deep learning approaches	National Conference on Emerging Trends in Science and Engineering NCETSE -2026	National	2019
22	Nagaraj Bhat	Data Visualization for analysing the effect of climate change for Patna city,	National Conference on Emerging Trends in Science and Engineering NCETSE -2027	National	2019
23	Adesh N.D	Sentimental analysis of student feedback using machine learning techniques	National Conference on Emerging Trends in Science and Engineering NCETSE -2028	National	2019
24	Sneha N S	Virtual Ogma: A real-time strategy game with speech control	National Conference on Emerging Trends in Science and Engineering NCETSE -2029	National	2019
25	Asha C.S	Auto removal of bright spot from images captured against bright source of light	National Conference on Emerging Trends in Science and Engineering NCETSE -2030	National	2019



26	Manoj T	Diet recommendation system for chronic disorders	National Conference on Emerging Trends in Science and Engineering NCETSE -2031	National	2019
27	Swathi Prabhu	Intelligent vehicle trapper	National Conference on Emerging Trends in Science and Engineering NCETSE -2032	National	2019
28	Ramya D Shetty	Air pollution monitoring and prediction system	National Conference on Emerging Trends in Science and Engineering NCETSE -2033	National	2019
29	Nagaraj Bhat	A Review on methods to identify plant disease using Image Processing and ANN	National Conference on Emerging Trends in Science and Engineering NCETSE -2034	National	2019
30	Chetan	32 Bit RISC Microprocessor design with 5 stage pipelining verilog HDL and implementation on FPGAs board	National conference on emerging trends in science & engineering	National	2019
31	Lingaraj Ritti	Design and fabrication of automatic food serving system	National conference on emerging trends in science & engineering	National	2019
32	Karthik V	Smart Automatic Urinal Flusher and Cleaner for Clean India Mission	National conference on emerging trends in science & engineering	National	2019
33	Balachandra Achar	A survey on Image Analysis to determine Strain Distribution	International Conference on Electrical, Communication, Electronics Instrumentation and Computing	International	2019
34	Laxmi Shetty	DC-DC Buck Converter using Sliding Mode Control	International conference on applied science, engineering and technology	International	2019
35	Raghavendra Rao P	Intelligent Traffic Management using wired sensor networks	National conference on emerging trends in science & engineering	National	2019
36	Nagaraja Rao	Agri Robo	International conference on applied science, engineering and technology	International	2019