

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 book/chapters published | Title of the paper | Title of the proceedings of the conference | Name of the conference | National / International | Calendar Year of publication | ISBN Number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher |
|----------------|---|---|---|---|--|--------------------------|------------------------------|-------------------------------|--|---------------------------------|
| 2022-23 | | | | | | | | | | |
| 1 | Dr. R.C.Jaiswal (Ext.), Dr. G.R.Patil | Analog Communication | | | | National | 2022 | 978-93-5451-837-9 | Army Institute of Technology | Nirali Publication |
| 2 | Dr.Raj Kishor Prasad (Ext.), Dr. Avinash Patil | Digital System Design | | | | National | 2023 | 978-93-5451-943-7 | Army Institute of Technology | Nirali Publication |
| 3 | Shilpa D. Pawar, Shipra Wallis, Priyanka Singha , Divya Singh | | Deep Learning Watershed Algorithm to Calculate Cardiac Stroke Volume of The Left Ventricle for the Analysis to Detect Person Suffering from Cardiac Vascular Diseases using Cardiac MRI Data. | Innovations and Research in Marine Electrical and Electronics Engineering AIP Conference Proceedings, 2022. | Innovations and Research in Marine Electrical and Electronics Engineering AIP Conference Proceedings, 2022. | International | 2022 | 978-0-7354-4203-0 | Army Institute of Technology | AIP |
| 4 | Shilpa D. Pawar, Ayush Tiwari, Abhishek Kanur Singh, Anubhav Banerjee, Sharayu Lokhande, Rupali Amit Bagate | | Remote Health Monitoring System using Secure Communication Techniques | International Conference on Intelligent Technologies (CONIT) | 3rd International Conference on Intelligent Technologies (CONIT) | International | 2023 | 979-8-3503-3860-7 | Army Institute of Technology | IEEE |
| 5 | Sanjay Gaikwad | | Implementing Combinative distance base assessment (CODAS) for selection of natural fibre for long lasting composites | | Modern Materials for Engineering and Research (ICMMER 2022) | International | 2022 | 978-3-0357-1758-7 | Army Institute of Technology | Scientific Net |
| 6 | R.B.Gurav, Pritee Purohit | | Improving crash-worthiness & occupant safety of bus seat structures in frontal crashes as per AIS023 using Finite Element Analysis | | Third International Conference on Intelligent Robotics, Mechatronics and Automation Systems,IRMAS 2023 | International | 2023 | 978-1-7138-8000-4 | Army Institute of Technology | Institute of Physics Publishing |
| 7 | R.B.Gurav, Pritee Purohit | | Computational Study on Forced Convection Heat Transfer in Pin Fin Heat Sink (PFHS) with Inclined Wings | | Third International Conference on Intelligent Robotics, Mechatronics and Automation Systems,IRMAS 2023 | International | 2023 | 978-1-7138-8000-4 | Army Institute of Technology | Institute of Physics Publishing |
| 8 | Pritee Purohit | | Performance evaluation of adjustable stroke piston pump with varying fulcrum position | | Third International Conference on Intelligent Robotics, Mechatronics and Automation Systems,IRMAS 2023 | International | 2023 | 978-1-7138-8000-4 | Army Institute of Technology | Institute of Physics Publishing |
| 9 | Pritee Purohit | | Kinematic design of Adaptive Control Adjustable Stroke Piston Pump for Automated Lubrication System | | 5th International e-Conference On Souvenir Frontiers in Materials Engineering & Nano Technology [ICF-MET-2023] | International | 2023 | 9781713880028 | Army Institute of Technology | Institute of Physics Publishing |
| 10 | Vaidhali Ganganwar | Lecture Notes on Data Engineering and Communications Technologies | Sentimental Analysis of Code-mixed Hindi Language | Proceedings of Congress on Intelligent Systems | Congress on Intelligent Systems | International | 2022 | 978-981-16-9112-6 | Army Institute of Technology | Congress on Intelligent Systems |
| 11 | Sharayu Lokhande | | Facial Recognition Impact in Smartphone Sector | Proceedings of 4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022. | International Conference on Inventive Research in Computing Applications (ICIRCA) | International | 2022 | 978-1-6654-9708-4 | Army Institute of Technology | IEEE |
| 12 | Sharayu Lokhande | | Remote Health Monitoring system using secure communication Techniques | Proceedings of 3rd International Conference on Intelligent Technologies, CONIT 2023 | 3rd International Conferences on intelligent Technology | International | 2023 | 979-8-3503-3861-4 | Army Institute of Technology | IEEE |
| 13 | Sita Yadav | Lecture Notes in Networks and Systems | Video Object Detection with Improved Classification Approach | Proceedings of International Conferences on Data Management Analytics & Innovation | International Conferences on Data Management Analytics & Innovation | International | 2023 | 978-981-99-1413-5 | Army Institute of Technology | Springer Nature |
| 14 | Sita Yadav | | Performance Analysis of Stochastic Gradient Descent & Adaptive Moment Estimation Optimization Algorithms for CNS | Conference Proceeding of International Conferences on Multidisciplinary Research & Innovations in Engineering | International Conferences on Multidisciplinary Research & Innovations in Engineering(MRIE) | International | 2023 | 978-93-5842-155-2 | Army Institute of Technology | Book Rivers |
| 15 | Vaidhali Ganganwar | | Using Website Content for Detecting Phishing URLs A Novel Approach | Conference proceedings of Advances in Data-Driven Computing and Intelligent Systems | 2nd International Conference on Advances in Data-driven Computing & Intelligent System 2023 | International | 2023 | 978-981-99-9518-9 | Army Institute of Technology | Springer, Singapore |
| 16 | Vaidhali Ganganwar | | Camovell: Digital Camouflage Pattern Generation System | Conference proceedings-Advances in Data-Driven Computing and Intelligent Systems | 2nd International Conference on Advances in Data-driven Computing & Intelligent System 2023 | International | 2023 | 978-981-99-9531-8 | Army Institute of Technology | Springer, Singapore |
| 17 | Nikita Singhal | | Aerodetect: Real-Time Small Object Detection in Aerial Images | Conference proceedings-Advances in Data-Driven Computing and Intelligent Systems | 2nd International Conference on Advances in Data-driven Computing & Intelligent System 2023 | International | 2023 | 978-981-99-9524-0 | Army Institute of Technology | Springer, Singapore |
| 18 | Savita Jadhav (External), Dr (Mrs) Sangeta Jadhav | | KPSO- K-Mean and PSO based clustering algorithm for wireless Sensor Network | | 6th International Conference on "Computing, Communication, Control and Automation", ICCUBEA-2022 by PCOE, Pune | International | 2022 | 978-1-6654-8451-0 | Army Institute of Technology | IEEE |
| 19 | Rupali Bagate, Aparna Joshi, Abhilash Trivedi, Anand Pandey & Deepshikha Tripathi | | Survey on Algorithmic Trading Using Sentiment Analysis | | 6th International Conference on Advance Computing and Intelligent Engineering Lecture Notes in Networks and Systems (LNNS, volume 428) | International | 2022 | 2367-3370 | Army Institute of Technology | Springer |
| 20 | Rupali Bagate, Aparna Joshi, Narendra Kumar Yadav, Aman Singh, Gaarav Singh Dhek & Nancy Rathore | | Survey on Accent Correction and Region Prediction | | 6th International Conference on Advance Computing and Intelligent Engineering Lecture Notes in Networks and Systems (LNNS, volume 428) | International | 2022 | 2367-3370 | Army Institute of Technology | Springer |
| 21 | Mrs. Aparna Joshi | | Batch Normalized Siamese Network Deep Learning Based Image Similarity Estimation | | 2023 Fifth International Conference on Electrical, Computer and Communication Technologies | International | 2023 | 978-1-6654-9360-4 | Army Institute of Technology | IEEE |
| 22 | Sangeta D Jadhav, Smita Kulkarni (External) | | Insight on Human Activity Recognition Using the Deep Learning Approach | | 5th IEEE International Conference on "Emerging Smart Computing & Informatics" (IEEE ESCI-2023) | International | 2023 | 978-1-6654-7524-2 | Army Institute of Technology | IEEE |
| 23 | Dr Seema Tiwari and Ms.Mridula Chandola | | Biodegradable Polymeric Nanocomposite for Wound Healing Application : Synthesis & Characterization | Virtual International Conference on Multi Disciplinary Research and Studies 2022 | Virtual International Conference on Multi Disciplinary Research and Studies 2022 | International | 2022 | 978-93-91535-19-3 | Army Institute of Technology | A.R. Research Publication |
| 2021-22 | | | | | | | | | | |
| 1 | Abhay Khonje (Ext.), Dr. B. P. Patil | | Review Paper for Comparison of Different Wireless Power Transfer System for Electric Vehicles | | Future Challenges in Data Science and Engineering for Global Sustainability - FCDSEGS-2021 | International | 2021 | 978-93-91355-10-4 | Army Institute of Technology | |
| 2 | Satyashil D. Nagarale, (Ext.), Dr. B. P. Patil | | RTL Verification and FPGA Implementation of Generalized Neural Networks: A High-Level Synthesis Approach | | 3 rd International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2022) | International | 2022 | 978-981-19-2068-4 | Army Institute of Technology | |

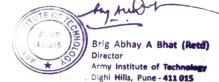
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| 3 | Abhay Khone (Ext.), Dr. B. P. Patil | | A brief review on electric vehicle dynamic wireless power transfer system prospects to enhance the coupling mechanism | | IEEE I2CT 2022 | International | 2022 | 978-1-6654-2168-3 | Army Institute of Technology | |
| 4 | Rajlaxmi Darekar (Ext.), Neha Gawande(Ext.), Vishvi Karkaria(Ext.), Dr. P.B.Karandikar | | Analysis of critical issues in retrofitting of ICE Vehicles | | 2 nd International Conference on Advances in Physical Sciences and Materials (ICAPSM 2021) | International | 2021 | 1742-6588 | Army Institute of Technology | |
| 5 | Sourabh Rakesh Shinde (Ext.), Tausir Monim(Ext.), Vishvi Karkaria (Ext.), Dr. P.B.Karandikar | | Polypropylene as Innovative Substance for Manufacturing of Horizontal Axis, Multi-Jar Ball Milling Machine to Grind Electrode Materials for Energy Storage Devices | | 3rd International Conference on Design and Manufacturing aspects for Sustainable Energy- 2021 at GRIET, Hyderabad. | International | 2021 | 2267-1242 | Army Institute of Technology | |
| 6 | Rushabh Singh, Anjali Kushwah, Mrs. Preeti Warriar, Dr. S.D.Oza. | | Wireless Surveillance Robot for Industrial Application | | 3rd International Conference On Machine Learning, Image Processing, Network Security and Data Science (MIND-2021) | International | 2021 | 978-981-19-5867-0 | Army Institute of Technology | |
| 7 | Mrs. Shilpa Pawar | | A Comparative Study of Software Development Waterfall Spiral & Agile Methods | | 2nd International Conference on Engineering, Social- Sciences, And Humanities (I-C-ESSU) | International | 2022 | 2717-7564 | Army Institute of Technology | |
| 8 | Ms. Dhamshri Patil Dr. Sangita Jadhav | | Road Detection from High Resolution Image using Fully Convolution Network | | National Conference on Communication, Computational Intelligence and Learning-2021. | National | 2022 | 9781003340867 | Army Institute of Technology | |
| 9 | Pranjal Gajendragadkar (Ext), Secma Rajapur (Ext), Dr. Harjeet Kaur | | Artificial Intelligence Based Virtual Voice Assistant | | National Conference on Communication, Computational Intelligence and Learning-2021. | National | 2022 | 9781003340867 | Army Institute of Technology | |
| 10 | Dr Pritee Parohit | | Oxidation and Tribology of Al ₂ O ₃ -Induced LaTi ₂ AlPO ₁₉ YSZ Double Ceramic Layer Coatings: Tribo-Oxidation | | | International | 2021 | 13: 9781799896838 | Army Institute of Technology | IGI Global, Hershey, Pennsylvania, USA |
| 11 | Dr Pritee Parohit | | Oxidation Kinetics of Al ₂ O ₃ induces LaTi ₂ Al ₂ O ₁₉ Thermal Barrier Coating | International conference on Material Science and Manufacturing Engineering (ICMSME-2021) | | International | 2021 | 978-81-941281-9-1 | Army Institute of Technology | AIP |
| 12 | Prof.R B Gurav | | Experimental Analysis on Natural Convection in an Arc Shaped Cavity | International conference on Material Science and Manufacturing Engineering (ICMSME-2021) | | International | 2021 | 978-81-941281-9-1 | Army Institute of Technology | AIP |
| 13 | Sanjay M Gaikwad | | Numerical Investigation of Single Phase Heat Transfer and Fluid Flow Characteristics in Divergent Minichannels | 26th National and 4th International ISHMT-ASTFE Heat and Mass Transfer Conference | | International | 2021 | 2888-7231 | Army Institute of Technology | |
| 14 | Mohammad Irfan Ahmad & Pankaj Dorlikar | | Design Study of an Electric Motorcycle Chassis Obtained using Topology Optimization | | | International | 2021 | 1876-1119 1876-1100 | Army Institute of Technology | Springer, Singapore |
| 15 | Gaikwad Pankaj Manik & Pankaj Dorlikar | | Topology Structure Design of Fish-Based Propulsive Mechanisms | | | International | 2021 | 2195-4364 2195-4356 | Army Institute of Technology | Springer, Singapore |
| 16 | Rohit Naryal & Pankaj Dorlikar | | Crasworthiness of Bird Inspired Fuselage of Small | | | International | 2022 | 2195-4364 2195-4356 | Army Institute of Technology | Springer, Singapore |
| 17 | Prof. S A Lokhande | | Automated Subjective Answer Evaluation System | Proceedings of 5th International Conference on Multidisciplinary Research Studies and Education | 5 th International Conference on Multidisciplinary Research Studies and Education | International | 2022 | 9789392105517 | Army Institute of Technology | MRSE |
| 18 | Prof. Sagar Rane, Prof. Anant Kaulage | | Best Shot Selection Using Convolutional neural networks | Proceedings of National Conference on Communication, Computational Intelligence and Learning | National Conference on Communication, Computational Intelligence and Learning | National | 2022 | 9781003340867 | Army Institute of Technology | NCCCL |
| 19 | Prof. Sagar Rane, Prof. Anant Kaulage | | Deep Learning Based Wildfire Detection from Satellite Imagery | Proceedings of National Conference on Communication, Computational Intelligence and Learning | National Conference on Communication, Computational Intelligence and Learning | National | 2022 | 9781003340867 | Army Institute of Technology | NCCCL |
| 20 | Prof. Sagar Rane, Prof. Anant Kaulage, Dr. Sanil Dhore | | Satellite Imagery- Based Wildfire Detection Using Deep Learning | Data Science: Techniques and Intelligent Applications | | International | 2022 | 9781003283249 | Army Institute of Technology | Taylor and Francis Group |
| 21 | Prof. Sagar Rane, Prof. Anant Kaulage | | AR-Powered Computer Science Education | Computing Technologies and Applications | | International | 2021 | 9781003166702 | Army Institute of Technology | CRC Press, Taylor, and Francis Group |
| 22 | Prof. Sagar Rane | | Cyber Threats: Fears for Industry | Cyber Security Threats and Challenges Facing Human Life | | International | 2022 | 9781032111285 | Army Institute of Technology | Taylor and Francis Group |
| 23 | Prof. Mahesh B Lonare Prof. Yogita Hambar Prof. Kuldeep Hule | | Introduction to Affective Computing | Recent Trends and Innovations in Information Technology | | National | 2021 | 9788195023615 | Army Institute of Technology | Association of Global Academicians and Researchers |
| 24 | Prof. Kuldeep Hule | | Self-Mining Blockchain Mobile Unified Payment Interface | 1 st IEEE International Conference on Computing Communication and Green Engineering | 1 st IEEE International Conference on Computing Communication and Green Engineering | International | 2021 | 9781665430425 | Army Institute of Technology | IEEE |
| 25 | Prof. Kuldeep Hule | | One-Click Question Bank Generator System Using Web Scraping | E-Learning Management -A Modern Approach to Digital India and Challenges In 21st Century | | International | 2022 | 9789391842567 | Army Institute of Technology | KAAB |
| 26 | Prof. Sushma Shirke | | Load Balancing in Specific IOT Systems | International Conference on Intelligent Technologies (CONIT) | International Conference on Intelligent Technologies (CONIT) | International | 2021 | 9781728185842 | Army Institute of Technology | IEEE |
| 27 | Prof. Sita Yadav | | Improvement in Video Object Detection Methods Using Classification | International Conference on Emerging Trends in Engineering and Management Sciences | International Conference on Emerging Trends in Engineering and Management Sciences | International | 2021 | 9798541220278 | Army Institute of Technology | IFERP |
| 28 | Dr (Mrs) Sangeta Jadhav | | A Discriminative Model for Multiple People Detection | Advances in Signal and Data Processing | Advances in Signal and Data Processing -Select Proceedings of ICSDP 2019 | International | 2021 | 978-981-15-8391-9 | Army Institute of Technology | Springer |
| 29 | Dr (Mrs) Sangeta Jadhav | | Communication in Computer and Information Science (CCIS), Springer – 2021 (Extended "Recent Trends in Image Processing and Pattern Recognition (RTIP2R, 2020 | A Comprehensive Survey of Different Phases for Involuntary System for Face Emotion Recognition | | International | 2021 | 169-182 | Army Institute of Technology | Springer |
| 2020-21 | | | | | | | | | | |
| 1 | Ms. Dhamshree Patil Dr. Sangita Jadhav | | Road Extraction Techniques From Remote Sensing Image | | | International | 2021 | 978-981-15-9650-6 | Army Institute of Technology | Springer |
| 2 | Dr. G.R.Patil, Akshesh Singh, Dr. Renuka Bhandari, Ranjay Singh, Pranay Agrawal | | Implementation of OFDM System and Analysis of BER Using Labview | | International Conference on Recent Emerging trends in Science, Engineering & Advanced Research in Communication & Healthcare-2021 (ICRESEARCH-2021) | International | 2021 | 978-93-5473-898-2 | Army Institute of Technology | Scientific International Publishing House |

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|----------------|--|--|---|---|---------------|------|-------------------|------------------------------|---|
| 3 | Deepali A. Newaskar (Ext.), Dr. B. P. Patil | Batteries For Active Implantable Medical Devices | | 2021 International Conference on Intelligent Technologies (CONIT) | International | 2021 | 978-1-7281-8583-5 | Army Institute of Technology | IEEE |
| 4 | Ms. Shilpa Pawar, Deepak Kumar Abhishek Kushwaha, Nawab Alam | Wi-Fi Cloud Server based User Operated Billing System in Mall | | ICCES IEEE xplore | International | 2021 | 978-1-7281-5371-1 | Army Institute of Technology | IEEE |
| 5 | Ms. Shilpa Pawar, Shilpa, Priyanka Singha, Divya Singh. | Deep learning watershed algorithm to calculate cardiac stroke volume | | International Conference on innovation & research | International | 2021 | 1551-7616 | Army Institute of Technology | |
| 6 | Ms. Snehil Marathe, Dr. B.P.Patil. | Mechanism for Improving the Productivity of the existing Photovoltaic Panels. | | International Conference on Computational Performance Evaluation (CompPE) | International | 2020 | 978-1-7281-6644-5 | Army Institute of Technology | |
| 7 | Ms. Snehil Marathe, Dr. B.P.Patil. | Performance of solar panel in the presence & absence of dust. | | CONIT 2021 | International | 2021 | 978-1-7281-8581-1 | Army Institute of Technology | |
| 8 | Dr A M Gadade Dr S M Sangiri | Part of the Lecture Notes in Mechanical Engineering book series (LNME) Trends in Mechanical and Biomedical Design Dynamic Behaviour of Laminated Composite Beam Undergoing Moving Loads | | | International | 2020 | 978-981-15-4487-3 | Army Institute of Technology | Lecture Notes in Mechanical Engineering book series |
| 9 | Dr A M Gadade Dr S M Sangiri | Part of the Lecture Notes in Mechanical Engineering book series (LNME) Trends in Mechanical and Biomedical Design Response of a Layered Composite Beam Subjected to Static Loading Using Point Interpolation Meshless Technique | | | International | 2020 | 978-981-15-4487-4 | Army Institute of Technology | Lecture Notes in Mechanical Engineering book series |
| 10 | Prof Sagar Rane | Securing Trustworthy Evidences for Robust Forensic Cloud in spite of Multi Stakeholder Collusion Problem | Proceedings of International Conference on Hybrid Intelligent Systems | International Conference on Hybrid Intelligent Systems | International | 2020 | 978-3-030-49336-3 | Army Institute of Technology | Springer |
| 11 | Prof. Sharayu Lokhande | Effective use of Big Data in Precision Agriculture | Proceedings of International Conference on Emerging Smart Computing and Informatics | International Conference on Emerging Smart Computing and Informatics (ESCI) | International | 2021 | 978-1-7281-8519-4 | Army Institute of Technology | IEEE |
| 12 | Prof. Asha Sathé | Optical Character Recognition using Tesseract and Classification | Proceedings of International Conference on Emerging Smart Computing and Informatics | International Conference on Emerging Smart Computing and Informatics (ESCI) | International | 2021 | 978-1-7281-8519-4 | Army Institute of Technology | IEEE |
| 13 | Prof. Rushali Patil | Video Compression Engine using Auto Encoders | Proceedings of International Conference for Emerging Technology | International Conference for Emerging Technology | International | 2021 | 978-1-7281-7029-9 | Army Institute of Technology | INCET |
| 14 | Dr (Mrs) Sangeta/Jadhav | A Discriminative Model for Multiple People Detection | Advances in Signal and Data Processing | Advances in Signal and Data Processing - Select Proceedings of ICSDP 2019 | International | 2021 | 978-981-15-8391-9 | Army Institute of Technology | Springer |
| 15 | Dr (Mrs) Sangeta/Jadhav | Communication in Computer and Information Science (CCIS), Springer – 2021 (Extended "Recent Trends in Image Processing and Pattern Recognition (RTIP2R, 2020)" organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad in collaboration with University of South | A Comprehensive Survey of Different Phases for Involuntary System for Face Emotion Recognition | | International | 2021 | 169-182 | Army Institute of Technology | Springer |
| 2019-20 | | | | | | | | | |
| 1 | Dr. B.P. Patil | Automatic Detection of Microaneurysms in Retinal Fundus Images using Modified High Boost Filtering, Line Detectors and OC-SVM | | IEEE International Conference On Industry 4.0 Technology 2020 (I4Tech2020) | International | 2020 | 978-1-7281-5004-8 | Army Institute of Technology | |
| 2 | Dr. P. B. Karandikar | Electrode Electrolyte Compatibility for Superior Performance of Super-Capacitor | | International Conf on Power Electronics Applications & Technology in Present Energy Scenario | International | 2019 | 19380710 | Army Institute of Technology | |
| 3 | Dr. P. B. Karandikar | Comparative Study of Binders for Super-Capacitor | | Int Conf IEEE | International | 2019 | 978-1-7218-1924 | Army Institute of Technology | |
| 4 | Prof RB Patil | Tribological behaviour of uncoated steel and fluorocarbon coated steel under dry and lubricated sliding conditions | | International Mechanical Engineering Congress 2019: Materials Science. | International | 2019 | 2214-7853 | Army Institute of Technology | |
| 5 | PV Dorlikar | Topology Structure Design of Fish Based Propulsive Mechanisms | | 4th International and 19th National Conference on Machines and Mechanisms (NaCoMM2019) | International | 2019 | 978-981-16-0549-9 | Army Institute of Technology | Springer |
| 6 | RB Gurav, Dr PM Purohit, SM Gaikwad | Experimental study of heat transfer enhancement in novel Padma heat sink minichannel | | 25th National and 3rd International ISHMT-ASTFE Heat and mass transfer conference | International | 2020 | 2888-7231 | Army Institute of Technology | ISHMT |
| 7 | Prof Sagar Rane | Design of Forensic Enabled Secure Logging | ACM's 21st International Conference on Distributed Computing and Networking (ICDCN 20) | ACM's 21st International Conference on Distributed Computing and Networking (ICDCN 20) | International | 2020 | 978-1-4503-8184-0 | Army Institute of Technology | ACM |
| 8 | Prof Sagar Rane | Securing Trustworthy Evidence for Robust Forensic Cloud in spite of multi-Stakeholder Collusion Problem | Springer's International Conference on Information Assurance and Security (IAS 19) | Springer's International Conference on Information Assurance and Security (IAS 19) | International | 2019 | 978-3-030-49336-3 | Army Institute of Technology | Springer |
| 9 | Prof Nikita Singhal | Smart KYC Using Blockchain and IPFS | Advances in Cybernetics, Cognition, and Machine Learning for Communication Technologies, Lecture Notes in Electrical Engineering, Springer Nature | Advances in Cybernetics, Cognition, and Machine Learning for Communication Technologies, Lecture Notes in Electrical Engineering, Springer Nature | International | 2019 | 978-981-15-3125-5 | Army Institute of Technology | Springer |
| 10 | Prof M B Lonare | Cultivar Prediction of Target Consumers Class using Feature Selection with Machine Learning Classification | Advances in Decision Sciences, Image Processing, Security and Computer Vision | International Conference on Emerging Trends in Engineering (ICETE) | International | 2019 | 978-3-030-24324-1 | Army Institute of Technology | Springer |
| 11 | Prof M B Lonare | Optimization of Network Function using Static and Heuristic Approach in Software Define Networking Techniques | Doctoral Symposium on Natural Computing Research 2020 | Doctoral Symposium on Natural Computing Research 2020 | International | 2020 | 978-981-33-4072-5 | Army Institute of Technology | Springer |
| 12 | Dr. Ashwini Sapkal | Fast Converging Magnified weighted sum Back-propagation neural network | Intelligent System Design | Proceedings of Intelligent System Design: INDIA 2019) | International | 2019 | 2194-5357 | Army Institute of Technology | Springer |
| 13 | Dr (Mrs) Sangeta Jadhav | A Comprehensive Survey of Different Phases for Involuntary System for Face Emotion Recognition | Recent Trends in Image Processing and Pattern Recognition | 3rd International Conference on Recent Trends in Image Processing & Pattern Recognition | International | 2020 | 978-981-16-0506-2 | Army Institute of Technology | Springer |
| 14 | Dr (Mrs) Sangeta Jadhav | A Discriminative Model for Multiple People Detection | Advances in Signal and Data Processing | International conference on Signal and Data Processing (ICSDP-2019) | International | 2019 | 978-981-15-8390-2 | Army Institute of Technology | Springer |

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| 15 | Dr (Mrs) Sangeta Jadhav | Road Extraction Techniques from Remote Sensing Images: Review | Innovative Data Communication Technologies and Application | International Conference on Sentimental Analysis and Deep Learning | International | 2020 | 978-981-15-9650-6 | Army Institute of Technology | Springer |
| 16 | Mr. G M Walunjkar | A Reinforcement Learning Approach for Evaluation of Disaster Relief | IEEE | IEEE 2019 International Conference On Cutting-edge Technologies in Engineering | International | 2019 | 978-1-7281-0001-2 | Army Institute of Technology | IEEE |
| 17 | Mrs. Rupali Bagate | Different Approaches in Sarcom Detection: A Survey | Intelligent Data Communication Technologies and Internet of Things | ICICI 2019 Conference Springer LNNS Series | International | 2019 | 978-3-030-34079-7 | Army Institute of Technology | Springer |
| 18 | Mrs. Aparna Joshi | Dynamic degree balanced with CPU based VM allocation policy for load balancing | Journal of Information and Optimization Sciences | International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2020) | International | 2020 | 0252-2667 | Army Institute of Technology | Taylor & Francis |
| 2018-19 | | | | | | | | | |
| 1 | Dr. B.P. Patil | Bit Error Rate Analysis of 16 X 16 MIMO-OFDM in Downlink transmission for LTE-A | IEEE International Conference on Smart Systems and Inventive Technology (ICSSIT 2018) Held at Francis Xavier Engineering College, Tirunelveli, Tamil Nadu | IEEE International Conference on Smart Systems and Inventive Technology | International | 2018 | 978-1-5386-5873-4 | Army Institute of Technology | |
| 2 | Dr. S. D. Oza | Denoising System for MR Image using speckle Degradation Index | International Conference on Communication & Electronics Systems ICCES 2018 | International Conference on Communication & Electronics Systems | International | 2018 | 978-1-5386-4765-3 | Army Institute of Technology | |
| 3 | Ms. Snehal Marathe B P Patil | Methods For Improving the Solar Panel Efficiency: A Review | International Conference on Electrical, Communication, Electronics Instrumentation and Computing | International Conference on Electrical, Communication, Electronics Instrumentation and Computing | International | 2019 | 978-1-7281-0173-6 | Army Institute of Technology | |
| 4 | Prof Nikita Singhal | Hybrid CAT using Bayes classification and two-parameter model | International Conference on Cognitive informatics and Soft Computing | International Conference on Cognitive informatics and Soft Computing | International | 2018 | 978-981-13-0617-4 | Army Institute of Technology | Springer |
| 5 | Prof Sagar Rane | Disrupting Insurance Industry using Block chain | International Conference on Data Communications Technologies and Internet of Things (ICICI 2018) | International Conference on Data Communications Technologies and Internet of Things (ICICI 2018) | International | 2018 | 978-3-030-03145-9 | Army Institute of Technology | Springer |
| 6 | Prof Sagar Rane | Mixed Reality in Smart Computing Education System | IEEE's International conference on Smart Systems and Inventive Technology (ICSSIT 2018) | IEEE's International conference on Smart Systems and Inventive Technology (ICSSIT 2018) | International | 2018 | 978-1-5386-5874-1 | Army Institute of Technology | IEEE |
| 7 | Dr. Ashwini Sapkal | Modified Backpropagation with added white Gaussian noise in weighted sum for convergence improvement | Procedia Computer Science | 8th International Conference On Advances In Computing & Communications | International | 2018 | 1877-0509 | Army Institute of Technology | Elsevier |
| 8 | Dr. Ashwini Sapkal | Ganga Water Quality Monitoring System IoT Based | 2018 IEEE Punecon | IEEE Pune Section Conference 2018 (IEEE Punecon 2018) | International | 2018 | 978-1-5386-7278-5 | Army Institute of Technology | IEEE |
| 9 | Mr. G M Walunjkar | Simulation and Evaluation of Different Mobility Models in Disaster Scenarios | RTEICT-2019 | 2019 4th International Conference on Recent Trends in Electronics, Information, Communication & Technology (RTEICT-2019) | International | 2019 | 978-1-7281-0631-1 | Army Institute of Technology | IEEE |
| 10 | Mr. Y V Gholap | Text Extraction from videos using MapReduce | International Conference on Intelligent Computing and Control Systems (ICCS) | Proceedings of the International Conference on Intelligent Computing and Control Systems (ICICS 2019) | International | 2019 | 978-1-5386-8114-5 | Army Institute of Technology | IEEE |
| 11 | Mrs Aparna Joshi, Mrs. Rupali Bagate | Design of IoT Blockchain Based Smart Agriculture for Engineering Safety and security | International Conference on Emerging Technologies In Computer Engineering "Micro services in Big Data Analytics", Springer CCIS Series | Emerging Technologies in Computer Engineering: Microservices in Big Data Analytics | International | 2019 | 978-981-13-8300-7 | Army Institute of Technology | Springer |



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