

## Publications

### 2021-2022

#### Scopus indexed or indexed in web of science or SCI/SCIE journals:

- [1] Lochan Jolly, et. al., "Innovation in Online Evaluation for Authentic Assessment", *Journal of Engineering Education Transformations*, DOI: [10.16920/jeet/2021/v35i0/167018](https://doi.org/10.16920/jeet/2021/v35i0/167018), Vol. 35, special issue, August 2021.
- [2] Dr.A.Mohamed Sikkander, Dr.K.Kavitha, Ms.S.Sasikala, Dr.Sangeeta R.Mishra, Ms.Khadeeja Yasmeen, " Exigency of A.I and M.L in genetic and tissue engineering", *Journal of Chengdu University of Technology*, Vol 26 ,Issue 7, ISSN- NO- 1671-9727, Jul 2021.
- [3] Dr. A Mohamed Sikkander, Dr. Sangeeta R Mishra, Khadeeja Yasmeen, "Efficaciousness of A.I and M.L of biomarkers in brain", *International Journal of Chemical Studies*, P-ISSN:2349-8528, E-ISSN:2321-4902, Oct 2021.
- [4] Dr. A Mohamed Sikkander, Khadeeja Yasmeen, Vijay Pratap, Dr. K.Kavitha and Dr. Sangeeta R Mishra, "Appraisal of antimicrobial activities of ZnO and Pb (No3)2 Nanoparticles", *International Journal of Chemical Studies*,P-ISSN:2349-8528,E-ISSN:2321-4902, Oct 2021.
- [5] Dr. A. Mohamed Sikkander, Mr. Vijay Pratap, Dr.K.Kavitha, Ms.R.Ramanachiar, Ms.V.Anitha, Ms.S.Sasikala, Mr.C.Sivaraj, Mr.T.Niruban Balu, Dr. Sangeeta R. Mishra, Ms.Khadeeja Yasmeen, "Assess on Effectiveness of Artificial Intelligence and Machine Learning in Respiratory Medicine and Covid-19", *International Journal of Innovative Research in Science and Technology*, Vol 01, Issue 04, November 2021 [www.ijirst.com](http://www.ijirst.com).
- [6] Archana Deshpande, Akash Jha, "Design of QuizzyCar Game in an Engineering Education", *Journal of Engineering Education Transformations*, Vol. 35, Special issue, eISSN 2394-1707, Jan 2022.
- [7] Dr. A Mohamed Sikkander, Dr.Sangeeta R Mishra, Dr.K.Kavitha, "Breast implant for post-mastectomy reconstruction oraesthetic augmentation" *Dickensian Journal*, Vol. 22, ISSUE 4, ISSN NO : 0012-2440, Apr 2022.
- [8] Dr. A Mohamed Sikkander, Dr.Sangeeta R Mishra, Dr.K.Kavitha, "Imperative role of Nanostructure surfaces in orthopedic implants", *Dickensian Journal*, Vol 22, ISSUE 4, ISSN NO : 0012-2440, Apr 2022.
- [9] Dr. A Mohamed Sikkander, Dr.Sangeeta R Mishra,Dr.K.Kavitha, "Innovative curing measures of Covid-19 pandemic to endemic", *Dickensian Journal*, Vol. 22, ISSUE 4, ISSN NO : 0012-2440, Apr 2022.
- [10] Dr. A Mohamed Sikkander, Dr.N.Hemavathy, Dr.C.Murukesh, Dr.Sangeeta R Mishra, Ms.Kadheeja Yasmeen, "Critiques of nanochemotherapy's effectiveness against cancer cells", *Dickensian Journal*, Vol. 22, ISSUE 4, ISSN NO : 0012-2440, Apr 2022.

- [11] Mukul Gupta, Hardika Jain, Adwait Raut, Dr.Sangeeta R Mishra, “Melanoma Cancer Detection using Deep Learning”, *International Journal of Scientific Research in Engineering and Management (IJSREM)*, Vol. 06 Issue: 04, ISSN: 2582-3930, Apr 2022.

**Conference papers:**

- [1] Dr.Sangeeta Mishra, Dr.D Datta, “Water Quality Analysis Using Fuzzy Logic Based Optimisation Techniques”, *ICNAAO 2021*, Department of Mathematical Sciences, Indian Institute of Technology (BHU), Varanasi 2021-22.

**Books:**

1. Digital Image Processing and Machine vision, by Dr Sanjeev Ghosh, Electronics and Telecommunication Engineering, Thakur College of Engineering & Technology, January 2022.
2. Image Processing, by Dr. Sanjeev Ghosh, Tech-Neo Publications, ISBN NO. 978-93-91472-88-7, Electronics and Telecommunication Engineering, Thakur College of Engineering & Technology, January 2022.

**Patents:**

1. S. Hemalatha, Bhagirathi Nayak, Ramakrishna Joshi, Smriti Sachan, Er Aparna Srivastav K, Tejaswini Kar, Jenar Kumar Sinha, Ankur Saxena, Priyanka Saksena, Shweta Pandey, Nimisha Paul, Dr. Sangeeta Mishra, “SMART HEALTHCARE SYSTEM FOR MONITORING AND CONTROL OF THE INDOOR ENVIRONMENT USING IOT TECHNOLOGY AND ARTIFICIAL INTELLIGENCE”, Patent Number: 2021104034, Australian Government, IP Australia, 27th day of April 2022.

## Publications

**2020-21**

### **Scopus indexed or indexed in web of science or SCI/SCIE journals:**

- [1] Sukruti Kaulgud, Rajni Sharma, Lochan Jolly, B. K. Mishra, “Enhanced Surface Passivation with TIPS Pentacene and Additional Interfacial layer for MIS Solar Cells”, *International Journal of Information Technology*, vol. 13, pages1323-1330, Apr 2021.
- [2] Shastri Shailendra P., Archana Deshpande and Nikhil Tiwari, “X-Band Loop within Loop Array: A Bandwidth Enhancement Technique”, *International Journal of Microwave and Optical Technology*, IJMOT-Vol 16, No. 3, May 2021.
- [3] Shailendra P. Shastri, Ravish R. Singh, Sandeep Y. Pawar, “Size Reduction Of Klopfenstein-Balun Transformer For Balanced Antennas”, *Malaysian Journal of Science (MJS)*, Vol 40 No 1 (2021): February.
- [4] Sukruti Kaulgud , Rajni Sharma , Lochan Jolly , B. K. Mishra, “TIPS Pentacene as a Beneficial Passivation Layer for MIS Solar Cells”, *International Journal Of Microwave And Optical Technology*, pp 94-102, VOL.16, NO.1, JANUARY 2021.
- [5] Sangeeta Mishra, “Quantification of tolerance limits of engineering system using uncertainty modelling for sustainable energy”, *International Journal of Intelligent Networks*, Volume 1, Pages 1-8, August 2020.

### **UGC care list journals:**

- [1] Santoshkumar Sabat, et.al. “Cooperative Spectrum Sensing using Mobile Full-Duplex Cognitive Radio and Non-time-slotted Primary user Activity”, *Springer, Transactions on Electrical and Electronic Materials*, February 2021.

### **Other than UGC care list journals:**

- [1] S Ghosh, S Unnikrishnan, “M/G/1 Queue-Based Reduction of Power Consumption and Latency in Wireless Sensor Networks”, *ICTACT Journal on Communication Technology* 12 (1), 2272-2279, March 2021.

### **Conference papers:**

- [1] Sanjeev Ghosh, Aakash Mohikar, Ajaykumar Maurya, Harsh Patel, “GSM and GPS based Automatic Vehicle Accident Detection and Alerting System” *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 5-10, February 2021.
- [2] Syed Mohammad Faraz, Sameer Yadav, Vishal Singh, Rutvi Thakar, “Staff Availability System Using RFID”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 1-4, February 2021.
- [3] Adarsh Singh, Aman Sahu, Vaibhav Yadav, Vinitkumar Dongre, “Indoor Navigation System for Smartphone using Wireless Hotspot”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 15-18, February 2021.

- [4] Riddhi Vora, Sathvik Shetty, Chirantan Sinha, Mrs. Kalawati Patil, “Wireless Power Transmission via Solar”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 25-30, February 2021.
- [5] Vishal Kushwaha, Suraj Jha, Vikas Kumawat, Megha Gupta, “Milk Adulteration Test using Microstrip Patch Antenna”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 37-40, February 2021.
- [6] Kartik Maurya, Gaurav Jain, Prem Pal, Shailendra Shashtri, “2x2 Array of Monopole Antenna for Gain Enhancement”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 41-44, February 2021.
- [7] Siddhant Jaiswal, Akash Pathak, Manan Rathod, Shailendra P. Shastri, “A Review on Size Reduction Techniques and Challenge in Nonuniform Loop Antenna”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 45-48, February 2021.
- [8] Anjali Gupta, Harshada Hariyan, Shubham Yadav, S. P. Shastri, “Array of Non-Uniform Loop Antenna”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 49-52, February 2021.
- [9] Santoshkumar Sabat, “Performance Analysis of MRC and ZF Receivers in Massive MIMO Systems”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 71-74, February 2021.
- [10] Shastri Shailendra Pratap, Vinitkumar Dongre, Archana Deshpande, Nikhil Tiwari, Stub “Loaded Circular Polarized Array Antenna for RFID Application”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 77-80, February 2021.
- [11] Kedar Sawant, Shrikant Shelar, Devashish Palyal, Dr. Payel Saha, “Pothole Reporting System for Safe Roads”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 85-88, February 2021.
- [12] Shivani Shenoy, Himanshu Upadhyay, Pranav Akoliya, Dr. Payel Saha, “Canteen Automation System Using IOT”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 89-92, February 2021.
- [13] Deepak S Shete, Gayatri kalyankar, Muskan Khandelia, Satyaprakash Mishra, “Smart Mirror: Time Saving Assistance”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 115-118, February 2021.
- [14] Anvita Birje, Shruti Patel, Vishal Pandey, “Solar Powered Automated Irrigation System Using IOT”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 119-122, February 2021.
- [15] Rashmita Kumari Mohapatra, Aishwary Chauhan, Shubham Choudhar, Aniruddha Gharat, “IoT based real-time School Information and Security System with Live tracking”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 145-150, February 2021.
- [16] Rashmita Kumari Mohapatra, Shrey Jain, Axit Mehta, Niraj Mishra, “An Intelligent System for Monitoring Gases and Smoke Concentration Using Zigbee Technology”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 155-158, February 2021.



- [17] Dr. Sangeeta Mishra, Vivek Singh, Sparsh Raikar, Sagar Pandey, “Smart Indoor Air Quality Monitoring”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 159-162, February 2021.
- [18] Megha Gupta, Swapnil Yadav, Subodh Yadav, Sejal Yadav, Ankita Kumari Yadav, Aniket Yadav, Aditya Yadav, “Solar Water Heating System”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 169-174, February 2021.
- [19] Mr. Nikhil Tiwari, Ashutosh Patel, Vinay Singh Rawat, Deeksha Shriyan, “IoT based Monitoring system for Efficient Irrigation using a Markov Decision Process”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 175-178, February 2021.
- [20] Sukruti Kaulgud, Vivek Goswami, Agrima Gupta, Dhruvik Dankhara, “Android Phone Operated Home Appliances Using Bluetooth Technology”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 213-216, February 2021.
- [21] Ms. Sonia Behra, Paridhi Sureka, Sonal Rao, Srishti Pandey, “Blood Oxygen and Heart Beat Monitor”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 221-222, February 2021.
- [22] Mrs. Kalawati Patil, Niwash Yadav, Sachin Yadav, Ujjval Maurya, “Artificial Clinician Using IoT for Health Monitoring System”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 223-228, February 2021.
- [23] Mrs. Archana Deshpande, Satyam.S. Singh, Rana Shivamev Singh, Jaikumar Yadav, “RFID Tag Based Bus Tracking System”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 243-246, February 2021.
- [24] Dr. Payel Saha, Kalpit Joshi, Harshad Kolhe, Neha Mishra, “Driverless Metro Train”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 251-254, February 2021.
- [25] Purnima Chandrasekar, Rahul Singh, Shivam Singh, Shravan Singh, “Online Bookstore for Used Book”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 267-270, February 2021.
- [26] Dr. Payel Saha, Anuj Maheshwari, Shara Yasmin Ahmed, Shruti Chaube, “Weather Monitoring Website (WeMo)”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 273-276, February 2021.
- [27] Ms. Purnima Chandrasekar, Ishan Gosain, Yash Dubey, Kamlesh Jadhav, “Design and Develop a Database on Household Appliances and Suggest Methods to Recycle Them”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 277-280, February 2021.
- [28] Mr. Deepak S. Shete, Subodh Yadav, Sumiran Singh, Shlok Sharma, “Design and Development of Website on Tourism”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 281-284, February 2021.
- [29] Mrs. Archana Deshpande, Shouvik Roychowdhury, “Implementation of Departmental Time Table Generator”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 311-314, February 2021.
- [30] Mr. Niket Amoda, Shefali Jadhav, Gagan Jain, Ananya Koppa, “Streamlining the Hospital Management System for Current and Future Pandemics”, *International*

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- [31] Ms. Sukruti Kaulgud, Shreya Mishra, Chinmay Deepak Ghodke, Sushma Rathod, Palak Dhanpatraj Lunawat, Aditya Chatterjee, “IoT based Weather Monitoring System”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 685-688, February 2021.
- [32] Ms. Archana Deshpande, Adhik Pandey, Pratiksha Shrivastava, Dharana Singh, E-“Commerce Website for Visually Impaired”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 335-338, February 2021.
- [33] Ms. Rashmita Kumari Mohapatra, Meghana Anthikad, Sakshi Chavan, Harneet Kaur Dehiya, “Design a Website of Educators for Needy People and Suggest Application Area”, *International Conference on Trends in Electronics and Communications (IC-TELCON- 2021)*, pages 339-344, February 2021.
- [34] Dr. Payel Saha, Adnan Abidi, Irfan Khan, “Subject-wise Learning Management System”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 361-364, February 2021.
- [35] Mr. Niket Amoda, Pratik Bhuwania, Mohit Butola, Vatsal Doshi, “Aerial Surveillance Drone”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 397-400, February 2021.
- [36] Dr. Payel Saha, Atif Khan, Sanjana Mishra, Mansi Mistry, “COVID-19 Spread Analysis”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 425-428, February 2021.
- [37] Mr. Deepak S. Shete, Avyay Rao, Aman Rawat, Shantanu Varshney, “Covid-19 Hospital Data Management”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 439-442, February 2021.
- [38] Mr. Deepak S. Shete, Pragun Tiwari, Gaurav Yadav, Jaihind Yadav, “Live Attendance System using Image Processing”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 443-446, February 2021.
- [39] Mrs. Purnima Chandrasekar, Mr. Durgesh R. Pandey, Mr. Abhishek M. Tiwari, Mr. Ashwani V. Gupta, “GUI Based Handwritten Digit Recognition using CNN”,
- [40] *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 447-450, February 2021.
- [41] Ms. Sonia Behra, Aniket Narpatraj Bafna, Mahek Modi, Shrushti Sabhapati, “Optical Steganography for Security Enhancement”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 455-458, February 2021.
- [42] Ms. Purnima Chandrasekar, Naman Joshi, Rohit Gupta, Vivek Gupta, “Prediction of Graduate Admissions Using Regression Models”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 459-464, February 2021.
- [43] Mr. Deepak S. Shete, Sanjana Singh, Rahul Varma, Prathamesh Tendulk, “Implementation of Network Based Intrusion Detection System using Machine Learning”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 465-468, February 2021.
- [44] Dr. Sangeeta Mishra, Sonal Singh, Yogita Prajapati, Mansi Singh, “Fingerprint Enhancement and Feature Extraction”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 487-492, February 2021.

- [45] Dr. Sangeeta Mishra, Harsh Kudtarkar, Anushka Bane, Madhul Chand, “Automated Minnesota Dexterity Test for Physiotherapeutic Applications”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 493-496, February 2021.
- [46] Dr. Lochan Jolly, Anshif Thajudeen, Prakash Goud, Akanksha Gupta, “Analysis of Emotional Health using ECG Data Acquisition System”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 505-508, February 2021.
- [47] Mr. Niket Amoda, Disha Revandkar, Shivani Srivastava, Aanwi Tarihalkar, “An Enhanced System for Restoration and Value Maximization of Images using Prior and Generative AI-Based Models”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 509-514, February 2021.
- [48] Mr. Manoj Chavan, Romir Dey, Dhruvin Shah, “Online Handwritten Signature Verification using SVM”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 515-520, February 2021.
- [49] Dr. Lochan Jolly, Gaurang Pandit, “Phishing Website Detection Using Machine Learning based on URL Features”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 525-530, February 2021.
- [50] Mr. Manoj Chavan, Vidhi kokanee, Hiral Pal, Lokesh Dugar, “Online Handwritten Signature Verification using Multilayer Perceptron Neural Networks”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 535-538, February 2021.
- [51] Ms. Megha Gupta, Sourav Dambal, Priti Ghosh, Maithilee Malewar, “Driver Drowsiness Detection Using Face Recognition”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 549-554, February 2021.
- [52] Ms. Sukruti Kaulgud, Yashi Rajesh Chaturvedi, Amal Premdayal Mehta, Bhavesh Pratap Purohit, “Green Campus using IoT”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 611-614, February 2021.
- [53] Dr. Sangeeta Mishra, Nandita Mishra, Shashwat Shukla, “Assessment of Water Quality Index Using Fuzzy Logic”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 587-592, February 2021.
- [54] Ms. Kalawati Patil, Dr. Lochan J. Jolly, Dr. B. K. Mishra, “An Analytical Analysis of High -  $\kappa$  Oxides in Nano-Scale CNFET Photodetector”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 619-626, February 2021.
- [55] Ms. Sukruti Kaulgud, Dr. B. K. Mishra, “Enhancement of Power Conversion Efficiency with Optimization of Device Dimensions and Doping”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 627-634, February 2021.
- [56] Ms. Sukruti Kaulgud, Ritik Mukesh Bhandari, Sagar Prakash Jaiswal, Om Vimlesh Lal, “Dual-Axis Solar Tracker”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 635-638, February 2021.
- [57] Ms. Sonia Behra, Dr. Payel Saha, Ms. Anvita birje, “CMOS Image Sensors: Ideal for Digital Cameras”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 639-644, February 2021.

- [58] Ms. Anvita Birje, Ms. Sonia Behra, Ms. Megha Gupta, “Nanotechnology Application in Agriculture”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 645-648, February 2021.
- [59] Dr. Payel Saha, Anjali Nilendu Jha, “IoT Based Hospital Inventory Management System”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 649-652, February 2021.
- [60] Dr. Lochan J. Jolly, Gaurang Pandit, “Phishing Website Detection Using Machine Learning”, *International Conference on Trends in Electronics and Communications (IC-TELCON-2021)*, pages 659-664, February 2021.

**Books:**

- [1] Scilab Manual for CMOS VLSI Lab, by Dr Lochan Jolly, Electrical Engineering Thakur College of Engineering & Technology, 2021.

**Book chapter:**

- [1] Book chapter on Design Frequency Optimization for Dual Band Patch Antenna by Dr. Vinitkumar Dongre and Archana Deshpande, chapter id: N216, Book title: Planar Antenna: Design, Fabrication, Testing, and Application, Publisher: NOVA SCIENCE PUBLISHERS, USA.
- [2] Brownwalker Press- Feed Location Optimization for Triple-Band Microstrip Patch Antenna with Two Elements, by Dr Vinitkumar Dongre and Archana Deshpande.



## Publications

**2019-2020**

### **Scopus indexed or indexed in web of science or SCI/SCIE journals:**

- [1] Sanjeev Ghosh, “Reduced Power Consumption in Wireless Sensor Networks with min(N,t) policy based m/g/1 queue in Rayleigh fading channel”, *International Journal on Emerging Technologies*, 2020.
- [2] Manoj Chavan, Ravish R. Singh, Vinayak Bharadi, “Online signature verification using hybrid wavelet transform”, *International Journal of Electrical and Computer Engineering (IJECE)* Vol. 10, No. 2, April 2020, pp. 1823-1832 ISSN: 2088-8708, DOI: 10.11591/ijece.v10i2, pp 1823-1832.
- [3] Sukruti Kaulgud, B. K. Mishra, “Enhancement of Power Conversion Efficiency with Optimization of Antireflection Coating”, *International Journal Microwave and Optical Technology*, volume 14, No. 5, Sep 19.

### **Conference papers:**

- [1] Vinitkumar Dongre, “Circular Microstrip Patch Antenna for S Band Application”, CAME – 2020, Conference Proceedings, pp 1, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [2] Sukruti Kaulgud, Aradhana Manekar, “1G to 4G: Evolution of wireless Technology”, CAME – 2020, Conference Proceedings, pp 29, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [3] Megha Gupta, Bhargav Upadhyay, “SDWAN- Evolution of the Networks”, CAME – 2020, Conference Proceedings, pp 41, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [4] B.K Mishra, “Impact of PAPR in Unipolar Communication Techniques”, CAME – 2020, Conference Proceedings, pp 45, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [5] Nikhil Tiwari, Rashmita Mohapatra, Niket Amoda, “A Review paper on EMI/EMC sources and their significant effects on RF circuits”, CAME – 2020, Conference Proceedings, pp 55, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [6] Kalawati Patil, “Li-Fi based Home Automation System”, CAME – 2020, Conference Proceedings, pp 97, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [7] Rutvi Thakar, Bhargav Thakar, “Cyber Security In Communication Industries”, CAME – 2020, Conference Proceedings, pp 205, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [8] Naman Joshi, Rohit Gupta, Vivek Gupta, Neha Ghosh, Payel Saha, “Working model of Self driving car using Machine Learning”, CAME – 2020, Conference Proceedings, pp 201, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [9] Manoj Chavan, “Online Signature Verification using Hybrid Wavelet Transform”, CAME – 2020, Conference Proceedings, pp 269, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [10] Payel Saha, Sudhir Sawarkar, “Content Based Multimedia Retrieval with combined weighted Features”, CAME – 2020, Conference Proceedings, pp 275, ISBN: 978-1-7329562-5-4 Feb. 2020.

- [11] Sangeeta Mishra, Nandita Mishra, Shashwat Shukla, “ Image Compression Using Wavelet Transforms”, CAME – 2020, Conference Proceedings, pp 283, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [12] Dr. Lochan Jolly, Mrs. Aradhana Manekar, Chunouti Vartak, “ A review on addiction detection based on EEG signal”, CAME – 2020, Conference Proceedings, pp 287, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [13] Shrishti Mishra, Janvi Bhagat, Purnima Chandrasekar, “ Extraction of Text from an image and conversion into local language”, CAME – 2020, Conference Proceedings, pp 305, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [14] Priyanshu Shrivastava, Karan Singh, Gautam Varma, Sanjeev Ghosh, “ Implementation of Grain Identification & Quality Check using Image Processing & Neural Network”, CAME – 2020, Conference Proceedings, pp 323, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [15] Shubham Malpani, Abrar Mohamed, Aradhana Manekar, “ Preprocessing the EEG data: Detailed comparison between ICA and PCA”, CAME – 2020, Conference Proceedings, pp 383, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [16] Kapil Bidikar, Rishabh Kanojiya, Akshar Pandey, Aradhana Manekar, “ Gaming Addiction: The Emergence of a New Clinical Disorder”, CAME – 2020, Conference Proceedings, pp 387, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [17] Dishank Sanklecha, Apoorv Sharma, Jayesh Singh, Megha Gupta, “ Smart Parking System Using 430 MSP”, Conference Proceedings, pp 477, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [18] Anjali Mishra, Yash Deora, Sonia Behra, “ Implementation of Autonomous Drones using Robotic Claw for Search and Rescue Operations”, Conference Proceedings, pp 481, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [19] Kalawati Patil, Dr. B.K Mishra, “ Evaluation of potential performance of high dielectric oxides in CNFET Photo detector”, Conference Proceedings, pp 521, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [20] Sukruti Kaulgud, Rajani Sharma, Lochan Jolly, B. K. Mishra, “ Enhanced Surface Passivation with P3HT and Additional Interfacial layer for MIS Solar Cells”, Conference Proceedings, pp 541, ISBN: 978-1-7329562-5-4 Feb. 2020.
- [21] Sonali Singh, “ Simulation of DC/DC converter based on an integrated Boost-C<sup>uk</sup> topology”, Conference Proceedings, pp 551, ISBN: 978-1-7329562-5-4 Feb. 2020.
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