

List of Faculty Research Papers with their Online Link

International and National, Journals and Conferences

2020-2021

Journals

1. Himanshu Agarwal , Farooq Husain, ” Protecting Ownership Rights of Videos Against Digital Piracy: An Efficient Digital Watermarking Scheme”, *International Journal of Communication Networks and Information Security (IJCNIS)* Vol. 13, No. 2, August 202. <https://www.ijcnis.org/index.php/ijcnis/article/view/4945>
2. Himanshu Agarwal , Farooq Husain , “Development of payload capacity enhanced robust video watermarking scheme based on symmetry of circle using lifting wavelet transform and SURF”, *Journal of Information Security and Applications, Elsevier, Volume 59, June 2021, 102846.* <https://www.sciencedirect.com/science/article/abs/pii/S221421262100082X?via%3Dihub>
3. Jayati Bhardwaj ,, Virendra Kumar Yadav ,, Munesh Chandra Trivedi., Anurag Kumar ,” ARP cache poisoning: detection, mitigation and prevention schemes”, *International Journal of Computational Vision and Robotics (IJCVR)*, Vol. 11, No. 4, 2021. <https://www.inderscienceonline.com/doi/abs/10.1504/IJCVR.2021.116547>
4. Aastha Agarwal, Nandita Gauri, Fezul Hasan, Kumari Nitika, Ms.Kanchan, “Retinal Blood Vessels Detection”, *International journal of advances in engineering and management (IJAEM)*, Volume 3, issue 6 June 2021, pp: 2388-2392, ISSN: 2395-5252. <http://ijaem.net/current-issue.php?issueid=31&title=Retinal%20Blood%20Vessels%20Detection>
5. Deepika Singh Kushwah, Mahesh Kumar and Lal Pratap Verma, “Analyzing Reliable Transport Layer Protocol Performance”, *Journal of Physics: Conference Series 1714 (2021) 012040,IOP Publishing doi:10.1088/1742-6596/1714/1/012040.* <https://iopscience.iop.org/article/10.1088/1742-6596/1714/1/012040/meta>

6. N. Kumar, M. Gupta, D. Gupta, S. Tiwari, "Novel deep transfer learning model for COVID-19 patient detection using X-ray chest images", Springer, *Journal of Ambient Intelligence and Humanized Computing*, May 2021, <https://doi.org/10.1007/s12652-021-03306-6>.
7. Manish Gupta, Naresh Kumar, Bhupesh Kumar Singh, and Neha Gupta, "NSGA-III-Based Deep-Learning Model for Biomedical Search Engines", *Hindawi Mathematical Problems in Engineering*, May 2021, Volume 2021, Article ID 9935862. <https://www.hindawi.com/journals/mpe/2021/9935862/>
8. Paras Vishnoi, Pratham Maheshwari, Priyank Raghav, Ranajit Malik, Manoj Kumar Singh, "SMART ATTENDANCE SYSTEM USING FACE RECOGNITION", *MIT Transaction: An International Journal of Advance Engineering Science & Technology*, Vol 4, Issue 1, January 2021. OFFLINE
9. Neha Gupta, Nitin Chauhan, Nirbhay Pal, Mayank Bhatnagar, Mohd Fardeen, "DRISHTI: VOICE BASED EMAIL SYSTEM FOR VISUALLY IMPAIRED", *International Journal of Engineering Sciences & Emerging Technologies*, July. 2021. ISSN: 22316604 Volume 10, Issue 6, pp: 140-148 ©IJESET. <https://www.ijeset.com/volume-10-issue-6.html>
10. Prachi Agarwal, Deepankur Singh, Palak Goel, Nupur Gupta, Palak Rastogi, "COVID PRECAUTIONS DETECTION", *MIT Transaction: An International Journal of Advance Engineering Science & Technology* Vol 4, Issue 1, January 2021. OFFLINE
11. Richa Saxena, Anurag Malik, "Three-Dimensional Interactive Shooting Game Based on DirectX", *VIVECHAN International Journal of Research*, Vol. 11 Issue 2, 2020 ISSN No.:0976-8211. OFFLINE
12. Rakesh Kumar Saini, Mayank Singh, Praveen Saini, "Improve energy-efficiency of sensors using cross-layer design technique in WSNs", *Journal of Physics: Conference Series* 1714 (2021) 012031, IOP Publishing, doi:10.1088/1742-6596/1714/1/012031. <https://iopscience.iop.org/article/10.1088/1742-6596/1714/1/012031>
13. Isha Sethi, Shilpi Rani, Muskan, Muskan Mathur, Rashi Sharma, "AN EFFICIENT APPROACH TO TRAFFIC VIOLATION DETECTION AND FINE GENERATION", *e-International Research Journal of Modernization in Engineering Technology and Science*, Volume:02/Issue:06/June-2020, ISSN: 2582-5208.

https://irjmets.com/uploadedfiles/paper/volume2/issue_6_june_2020/1495/1628083037.pdf

14. Shilpi Rani, Shubham Chitransh, Priyam Tyagi, Prashant Varshney, “Eye Controlled Wheel Chair”, *International Journal of Scientific Research & Engineering Trends Volume 6, Issue 3, May-June-2020, ISSN (Online): 2395-566X.*
https://ijsret.com/wp-content/uploads/2020/05/IJSRET_V6_issue3_473.pdf
15. Kshitij Shinghal, Amit Saxena, Rajul Misra, and Vikas Kumar, “Wireless Sensor Network Node-Based Locusts’ Protection for Agricultural Fields”, *Springer Nature Singapore Pte Ltd. 2021., Latest Trends in Renewable Energy Technologies, Lecture Notes in Electrical Engineering ,Volume 760, https://doi.org/10.1007/978-981-16-1186-5_29.*
16. Harsh Vardhan Mishra, Somesh Kumar, ” *Predictive Analytics: A case study in Healthcare for Lifestyle diseases*”, *MATHEMATICS IN ENGINEERING SCIENCE AND AEROSPACE (MESA).The Transdisciplinary International Journal (status accepted) ISSN: 2041-316. OFFLINE*
17. Anurag Malik,, Tushar Agarwal, Shruti Arya, Satish Saini, Tanya Duggal, ” *TARGETED RUBBISH ASSORTING SYSTEM HANDLER(TRASH)*”, *International Research Journal of Engineering and Technology (IRJET,)* Volume: 08 Issue: 07 | July 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072. <https://www.irjet.net/archives/V8/i7/IRJET-V8I7646.pdf>
18. Nitin Verma, Amanpreet Singh, Ishank Chauhan, Ariz Anwar, Zubair Iqbal, “*SMARTCHAIR – Special chair for special people*”, *MIT International Journal of Computer Science & Information Technology, Vol. 10 No. 1 , pp. 1-6 January 2021*
<https://www.mitmoradabad.edu.in/mit-ijcs-it/>
19. Ritik Gupta, Rishabh Chauhan, Rishav Chaba, Ritish Varshney, Praveen Saini, “*Gesture Recognition*”, *MIT International Journal of Computer Science & Information Technology, Vol. 10 No. 1 , pp. 7-10, January 2021.* <https://www.mitmoradabad.edu.in/mit-ijcs-it/>
20. Somesh Kumar, Vishakha Rastogi, Zainab Azeem, Rishabh Kumar Sharma, Siddhant Mishra, ” *Plant Leaf Detection and Disease Identification System*”, *MIT International Journal of Computer Science & Information Technology, Vol. 10 No. 1 , pp. 11-14, January 2021.* <https://www.mitmoradabad.edu.in/mit-ijcs-it/>
21. Ravish kumar Dubey, Rohit Kumar Singh, Mukesh Kumar, Mudit Kumar Sharma, Siddharth Singh, “*Automatic detection of Diabetic Retinopathy*”, *MIT International*

Journal of Computer Science & Information Technology, Vol. 10 No. 1 , pp. 15-19, January 2021. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>

22. Priyanka Goel, Achint Khann, Gaurav Sharma, Kritika Ranjan, Abhinav Joshi, " *Drishti-Mobile App for Visually Impaired*", *MIT International Journal of Computer Science & Information Technology*, Vol. 10 No. 1 , pp. 20-23, January 2021. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>

2020-2021

Conferences

1. Richa Saxena, Aishwarya Katyayal, Jafri Al Ayaan, Jyotsana Bharti, Muskan Agarwal, " *Innovative Attendance Monitoring System with Hygiene Detection: An Authenticated Temperature, Mask & Face Detection Technique using MLX90614 and OpenCV*", *INTERNATIONAL CONFERENCE ON IOT, ROBOTICS AND AUTOMATION -2020, International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020), December 2020, MIT Moradabad. <https://www.ijeset.com/volume-10-issue-6.html>*
2. Deepika Singh Kushwah, Mahesh Kumar, Lal Pratap Verma, " *Analyzing IoT with TCP and MPTCP*", *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020), December 2020, MIT Moradabad. OFFLINE*
3. Navita Agarwal, Mohit Agarwal, Mohammad Amaan, Mohd Shoaib, Mohd Suhail, " *Accidental Black Spot*", *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020), December 2020, MIT Moradabad. OFFLINE*
4. Prachi Agarwal, Deepankur Singh, Palak Goel, Nupur Gupta, Palak Rastogi, " *COVID Precautions Detector*", *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020), December 2020, MIT Moradabad. OFFLINE*
5. Prachi Agarwal, Abhishek Gupta, Ankit kumar Mishra, Gagan Kumar Sharma, Nitesh Saini, " *One nation-One VoterId System*", *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020), December 2020, MIT Moradabad. OFFLINE*

6. Richa Saxena, Aishwariya Katyal, Jafri-Al- Ayaan, Jyotsana Bharti, Muskan Agarwal, “Intelligent Home: Automating Amenities & Assuring Security Features using Raspberry Pi”, *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020)*, December 2020, MIT Moradabad. OFFLINE
7. Neha Gupta, Nitin Chauhan, Mohd. Fardeen, Nirbhay Pal, Mayank Bhatnagar, ” *Drishti: Voice based Email System for Visually Impaired*”, *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020)*, December 2020, MIT Moradabad. <https://www.ijeset.com/volume-10-issue-6.html>
8. Neelaksh Sheel, Karnika Saxena, Falguni Sharma, Vishakha Tandon, Himanshi Gahlaut, ” *Depression Detection using Convolutional Neural Networks from Speech*”, *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020)*, December 2020, MIT Moradabad. <https://www.ijeset.com/volume-10-issue-6.html>
9. Amit Saxena, Kshitij Shinghal, Rajul Misra, Vikas Kumar, Amit Sharma, “*Embedded System Based Education Model for Learner’s Improvement*”, *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020)*, December 2020, MIT Moradabad. <https://www.ijeset.com/media/2N39-IJESET2021IIRA32-v10-i6-pp119-125.pdf>
10. Ritvik Dayal, Shruti Gupta, Tanya Bhasin, Raghav Agarwal, Dr. L. P. Verma, ” *Review on Stereo Vision-based Guidance System for the Visually Impaired People*”, *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020)*, December 2020, MIT Moradabad. OFFLINE
11. Indradeep Verma, Neelaksh Sheel, Kumar Manu, ” *Adaptive TCP Model for Abrupt Network Congestion*”, *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020)*, December 2020, MIT Moradabad. OFFLINE
12. Paras Vishnoi, Pratham Maheshwari, Priyank Raghav, Ranojit Malik, Manoj Kumar Singh, ” *Smart Attendance System Using Face Recognition*”, *International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020)*, December 2020, MIT Moradabad. OFFLINE
13. Neha Gupta , Sangeeta Mittal, ” *Anonymizing Publicly Available Covid-19 Dataset*”, *International Conference on Intelligent Control and Computation for Smart Energy and*

Mechatronic systems (ICCSEMS 2020), JSS Mahavidhyapeetha JSS Academy of Technical Education, Noida, September 25-26,2020. OFFLINE

14. *Shobhit Rastogi, Shivam Khurana, Shashiwala, Saloni Bhatnagar, Shilpi Rani, “Smart Vehicle (Two-Wheeler)”, International Conference on Innovation in IoT, Robotics and Automation (IIRA-2020), December 2020, MIT Moradabad. OFFLINE*

2019-2020

Journals

1. *Ramesh Chandra Sahoo, Sateesh Kumar Pradhan, Somesh Kumar, “Study Of Hopfield Neural Network For Fingerprint Verification Based On Fast Fourier Transform”,*

International Journal of Scientific & Technology Research, July 2019, ISSN: 2277-8616.
<http://www.ijstr.org/final-print/july2019/Study-Of-Hopfield-Neural-Network-For-Fingerprint-Verification-Based-On-Fast-Fourier-Transform-.pdf>

2. Ramesh Chandra Sahoo, Sateesh Kumar Pradhan, Somesh Kumar, “Application of Depthwise Separable Convolutional Neural Network for Distorted Fingerprint Images”, *International Journal of Control and Automation*, December 2019, Vol. 12, No. 6, pp. 448-455, ISSN: 2005-4297. <http://sersc.org/journals/index.php/IJCA/article/view/2964>
3. Abhishek Singh, Ashmit Narayan Rai, Ayushi Saxena, Diti Gupta, Prabal Bhatnagar, “You Tube Data Analysis Using Hadoop”, *International Journal of Creative Research Thoughts (IJCRT)*, Volume 8, Issue 4 April 2020, ISSN:2320-2882. <https://ijcrt.org/papers/IJCRT2004252.pdf>
4. Antriksh Singh, Anushka Krishnatreya, Astha Saxena, ayushi Mathur, Yashika agarawal, Dr, Neelaksheel, “THIRST, The Hardware Based Irrigation Through Rainwater Using Smart Tank”, *International Journal of Creative Research Thoughts IJCRT*”, Volume 8, Issue 6 June 2020 | ISSN: 2320-2882. <https://ijcrt.org/papers/IJCRT2006452.pdf>
5. Ayushi Gupta, Somesh Kumar, “A Study on Biomedical Engineering in Healthcare”, *International Journal of Machine Learning and Networked Collaborative Engineering*, Vol. 03, No. 4,(2019),182–191, ISSN:2581-3242. <https://www.mlncce.net/index.php/Home/article/download/133/74>
6. Abdul Azeem, Ankit Verma, Akansha Bhatnagar, Harsh Choudhary, Ms. Kanchan Singh, “ ATTENDANCE SYSTEM USING CASCADE CLASSIFIER”, *International Journal of Creative Research Thoughts*, Vol 8, Issue 5,May 2020, ISSN:2320-2882 <https://ijcrt.org/download.php?file=IJCRT2005097.pdf>
7. Mrs. Shilpi Rani, Shubham Chitransh, Priyam Tyagi, Prashant Varshney, “ Eye Controlled Wheel Chair”, *International Journal of Scientific Research & Engineering Trends*, Volume 6, Issue 3, May-June-2020, ISSN (Online): 2395-566X. https://ijsret.com/wp-content/uploads/2020/05/IJSRET_V6_issue3_473.pdf
8. Akanksha Gupta, Anukriti Agarwal, Piyushi Saraswat, Satyam Agarwal, Zubair Iqbal , “A SMART HEALTH CARE SYSTEM”, *International Journal of Creative Research Thoughts (IJCRT)*, ISSN:2320-2882, Volume.8, Issue 6, pp.3398-3403, June 2020. <https://www.ijcrt.org/papers/IJCRT2006470.pdf>

9. Ankit Agarwal, Abhishek Kumar, Akshita Sharma, Ashish, Zubair Iqbal, "VISION: A DRONE FOR EMERGENCY OPERATIONS", *International Journal of Creative Research Thoughts (IJCRT)*, ISSN:2320-2882, Volume.8, Issue 6, pp.936-940, June 2020.
<https://ijcrt.org/papers/IJCRT2006126.pdf>
10. Zubair Iqbal, Prachi Gupta and Kamal Kumar Gola, "Visualization of COVID-19 Data using Jupyter Notebook" *Dogo Rangsang Research Journal*, Vol-10 Issue-07 No. 1 July 2020, ISSN : 2347-7180.
http://www.drsrcjournal.com/no_1_july_20/1.pdf?i=1
11. V. K. Sharma, L. P. Verma, M. Kumar, R. K. Naha, A. Mahanti, "A-CAFDSP: An Adaptive-Congestion Aware Fibonacci Sequence based Data Scheduling Policy", *Computer Communications*, Vol. 158, Pages 141-165, 15 May 2020.
<https://www.sciencedirect.com/science/article/abs/pii/S0140366419317360>
12. L.P Verma, M. Kumar "An IoT based Congestion Control Algorithm", *Internet of Things* 9 (2020) 100157, *International Journal ,Elsevier* 9, March 2020,
<https://doi.org/10.1016/j.iot.2019.100157>
[. https://www.sciencedirect.com/science/article/abs/pii/S2542660519302598](https://www.sciencedirect.com/science/article/abs/pii/S2542660519302598)
13. Isha Sethi , Shilpi Rani , Muskan, Muskan Mathur, Rashmi Sharma, "An Efficient Approach To Traffic Violation Detection And Fine Generation", *International Research Journal of Modernization in Engineering Technology and Science*. Volume:02/Issue:06/June-2020, e-ISSN: 2582-5208.
https://irjmets.com/uploadedfiles/paper/volume2/issue_6_june_2020/1495/1628083037.pdf
14. Milan Vishnoi, Kshitiz Saxena, Mohammad Anas , Sachin Singh, Navita Agarwal, "Smart Lab with Automated Access", *International Journal of Science and Management Studies (IJSMS)*, May to June 2020, Volume: 3 Issue: 3, E-ISSN: 2581-5946.
<http://www.ijmsjournal.org/ijms-v3i3p108.html>
15. Manish Gupta, Shambhu Shankar Bharti, Suneeta Agarwal, "Gender-based speaker recognition from speech signals using GMM model", *Modern Physics Letter B*, World Scientific Publishing Company, Vol 33, No. 0, August 2019.
<https://www.worldscientific.com/doi/10.1142/S0217984919504384>

16. Navita Agarwal , Shubham Bhatt, Shubham Gupta, Rishabh Agarwal, Mohd. Anzar, “MIPT JACKET (Mentally Illed Patient Tracking)”, *International Journal of Science and Management Studies (IJSMS)*, July to August 2020, Volume: 3 Issue: 4, E-ISSN: 2581-5946. <https://www.ijmsjournal.org/2020/volume-3%20issue-4/ijms-v3i4p104.pdf>
17. Paras Dhawan, Manik Agarwal, Nikhil Kumar, Manish Singh Bisht, Prachi Agarwal, “Self-Driving Car”, *International Journal of Sciearince and Management Studies (IJSMS)*, July to August 2020, Volume: 3 Issue: 4, E-ISSN: 2581-5946. [10.51386/25815946/ijms-v3i4p101](https://www.ijmsjournal.org/2020/volume-3%20issue-4/ijms-v3i4p101)
18. Mansi Tyagi, Ayushi Gupta, Shubham Chauhan, Megha Gunjan, Anurag Malik, “License Plate Detection And Lane Detection System”, *International Journal Of Advance Research And Innovative Ideas In Education*, Aug 2020, Vol-6 Issue-4 2020, IJARIE-ISSN(O)-2395-4396
http://ijariie.com/AdminUploadPdf/License_plate_detection_and_lane_detection_ijariie12495.pdf
19. Brajesh Kumar , Onkar Dikshit , Ashwani Gupta & Manoj Kumar Singh, “Feature extraction for hyperspectral image classification: a review”, *International Journal of Remote Sensing* Volume 41, 2020 - Issue 16. <https://www.tandfonline.com/doi/full/10.1080/01431161.2020.1736732>

2019-2020

Conferences

1. Lal Pratap Verma, Neelaksh Sheel, Chandra Shekhar Yadav , “Concurrent Multipath Transfer using Delay Aware Scheduling” *ICICV-2020, School of Computing & Information Technology, Manipal University, Jaipur, Rajasthan, 17-19 January 2020.* https://link.springer.com/chapter/10.1007/978-981-15-6067-5_27
2. N. Mishra, L. P. Verma, and M. Kumar “Comparative Analysis of Transport Layer Congestion Control Algorithms”, *International Conference on Cutting-edge Technologies in Engineering (ICon-CuTE)*, 46-49, Nov. 2019.

<https://ieeexplore.ieee.org/abstract/document/8991530>

3. Dr. Somesh Kumar, "Design of IoT based Smart Illumination System in Smart Cities", 3rd International Conference on Computing Informatics & Networks ((ICCIN)-2020, Bhagwan Parshuram Institute of Technology - [BPIT], New Delh, 29th-30th July 2020. https://link.springer.com/chapter/10.1007%2F978-981-15-9712-1_44
4. Shilpi Rani ,Kanchan ,Shiwani Agarwal, ". Medical Diagnostic System", National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
5. Shiwani Agarwal, Shilpi Rani, Kanchan, " LUCAN Depistage (An Algorithm that Detects Lung Cancer)", National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
6. Isha Madan, Disha Sharma, Ashar Ali , Lal Pratap Verma, Vikas Kumar, " Demand Forecasting for Food Items", National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
7. Ms Richa Saxena, Mr Anshul Yadav, "RoadSense: Smartphone Application to Estimate Road Conditions Using Accelerometer and Gyroscope", National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
8. Prachi Agarwal , Shreya Agarwal, Rohit Kumar, Sahin Parveen , Pallav Bansal, " Image Text Extraction & Object Recognition", National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
9. Himanshu Agarwal, Arisha Shahid, Harshit Kumar, Himanshu Yadav, Krishna Shrivastva, "Symbolic Linguistic Translator using LMC", National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
10. Kanchan , Shiwani Agarwal, Shilpi Rani, " Securing Computer Folders With Rijndael Security Extension And Your Bluetooth Enabled Mobile Phone", National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE

11. Ms. Richa Saxena , Mr. Arpit Chauhan , “ Road Safety Measures & Approaches By Using Android, IOT, Machine Vision, Gps, Sqlite Database And Black Box”, National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
12. Vikas Kumar, Ritvik Rastogi, Yuvraj Singh Rana, Falak Mujeeb, Sakshi Agarwal, “ News Extraction From Live Tweets”, National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
13. Abhinav Gupta, Akash Gupta, Harsh Verma, Nishant Pal, Nishkarsh Krishan, “ Automated Rotatory Multilevel Parking System with Solar Tracker”, National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
14. Shivanshu Rastogi , Piyush Diwaker, Prakhar Kr. Gautam, Rajat Diwakar, Neetesh, “Smart Cap for VIP’s (Visually Impaired Person)”, National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
15. Mukesh Kumar Singh, Navita Agarwal , Simran Pasrija, Tanya Gupta , Ujjwal Rastogi, Swati Singh, “Sensor Based Stick For Visually Impaired”, National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
16. Priyanka Goel , Manas Agarwal, Lucky Verma, Lakshit Rana, Agnivanshi Gourang Kukriya, “Heart Attack Prediction System”, National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
17. Ravish Kumar Dubey, Dhruv Bhatt, Ashi Verma, Geetanjali Wadhwa, Bharat Bajaj, “Study of Diagnosis Using Machine Learning”, National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE
18. Mansi Tyagi, Ayushi Gupta, Megha Gunjan, Shubham Chauhan, Anurag Malik, “ Vocational Maquette on License Plate Detection and Lane Detection”, National Conference on Emerging Trends in Engineering, Science &Technology (EEST -2K19), MIT, Moradabad, 6-7 September 2019. OFFLINE

2018-2019

Journals

1. L.P Verma, I. Verma, M. Kumar , “An Adaptive Congestion Control Algorithm”, *Modelling, Measurement and Control A (MMC_A)*, March 2019, ISSN :1259-5985.
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=lhBlZxYAAA&AJ&citation_for_view=lhBlZxYAAAAJ:GtLg2Ama23sC
2. V.K. Sharma, L. P. Verma, and M. Kumar, “CL-ADSP: Cross-Layer Adaptive Data Scheduling Policy in Mobile Ad-hoc Networks”, *Future Generation Computer Systems*, March 2019, 0167-739X.
<https://www.sciencedirect.com/science/article/abs/pii/S0167739X17324044>
3. S S Bharti, Manish Gupta, S Agarwal, “A novel approach for audio steganography by processing of amplitudes and signs of secret audio separately, *Multimedia Tools and Applications*”, Springer, April 2019, ISSN: 1380-7501 (Print) 1573-7721 (Online).
<https://link.springer.com/article/10.1007/s11042-019-7630-4>
4. S S Bharti, Manish Gupta, S Agarwal, “SVM based Voice Activity Detection by fusing a new acoustic feature PLMS with some existing acoustic features of speech”, *Journal of Intelligent & Fuzzy Systems*, August 2018, ISSN 1064-1246(P),ISSN 1875-8967 (E).
<https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs169692>
5. Manish Gupta, S S Bharti, S Agarwal, “Emotion Recognition from Speech using wavelet packet transform and prosodic features”, *Journal of Intelligent & Fuzzy Systems*, August 2018, ISSN 1064-1246 (P),ISSN 1875-8967 (E).
<https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs169694>
6. Ojasvini Bhatnagar, Shweta Agarwal, Sanya Verma, Nidhi Sharma, “IOT Based Digital Door Locking System”, *MIT TRANSACTION: International Journal of Advance Engineering Science & Technology*, January 2019. OFFLINE
7. Richa Saxena, Anshul Yadav, “RoadSense: An Android Application for Guessing Conditions of Road by Making use of Gyroscope and Accelerometer ”, *MIT International Journal of Computer Science & Information Technology*, Vol. 8 No. 1 , pp. 1-5, January 2019, ISSN 2230 – 7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>

8. Akash Patel, Pratiksha Sahani, Sakshi Saxena, Samarth Goel, Vikas Bhatnagar “Myocardial Infarction Detection using Multi Biomedical Sensors”, MIT International Journal of Computer Science & Information Technology, Vol. 8 No. 1 , pp. 6-12, January 2019, ISSN 2230 – 7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>
9. Shivanshu Rastogi, Anmol Arora, Arun kumar Gautam, Anmol Vaish, Mohd Umar, “Web Based Accident Reporting And Tracking System ”, MIT International Journal of Computer Science & Information Technology, Vol. 8 No. 1 , pp. 13-16, January 2019, ISSN 2230 – 7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>
10. Shubham Sharma, Anurag Malik , Vivek Shrestha, Varun Kumar Tomar,, “A Simulation of Car Accident Tracking & Detection System ”, MIT International Journal of Computer Science & Information Technology, Vol. 8 No. 1 , pp. 17-21, January 2019, ISSN 2230 – 7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>
11. Isha Madan, Disha Sharma, Ashar Ali, Vikas Kumar, Lal Pratap Verma,, “Analysis of Market Demand and Forecasting for Eatables using Machine Learning”, MIT International Journal of Computer Science & Information Technology, Vol. 8 No. 1 , pp. 22-25, January 2019, ISSN 2230 – 7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>

2018-2019

Conferences

1. Lal Pratap Verma, “Comparative Analysis of Multipath Communication Protocols”, International Conference on Recent Trends and Advancements in Engineering and Technology, MIT Moradabad, Oct 2018, 978-93-86240453. OFFLINE
2. Vikas Kumar, Kshitij Shinghal, “Handwritten Character Recognition: Issues”, IEEE International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC-2019), IEEE Computer Society,30-31st January 2019, CFP19R88-PRJ:978-1-7281-0173-6. OFFLINE

3. *Himanshu Agarwal, Farooq Hussain, Praveen Saini, "Next Generation Noise and Affine Invariant Video Watermarking Scheme Using Harris Feature Extraction", Advances in Computing and Data Sciences, ICACDS 2019, Moradabad Institute of Technology, Moradabad Springer Nature, , Communications in Computer and Information Science, April 12-13 2019, Vol. 1046,978-981-13-9941-1/ 1865-0929.*
https://link.springer.com/chapter/10.1007%2F978-981-13-9942-8_61

2017- 2018

Journals

1. *S S Bharti, Manish Gupta, S Agarwal, “A novel approach for verifiable (n, n) audio secret sharing scheme”, Multimedia Tools and Applications, Springer, February 2018, ISSN: 1380-7501 (Print) 1573-7721 (Online).
<https://link.springer.com/article/10.1007/s11042-018-5810-2>*
2. *Rahul Rathor, Kamal Kumar Gola, Shivanshu Rastogi, “Secure: Dynamic Distributed Load Balancing Technique in Cloud Computing”, IJARCS, February 2018, ISSN No. 0976-5697 <http://www.ijarcs.info/index.php/Ijarcs/article/view/5400>.*
3. *Arjun Singh, Amit kumar, Aayushi Agarwal, Diksha Pushpak, Manoj Kr. Singh, “Automated Toll Cash Collection System for Road Transportation ”, Published in MIT Transaction: An International Journal of Advance Engineering Science and Technology Vol 1, Issue 1, January 2018, pp. 12-16.*
4. *Vikas Bhatnagar, Gargi Dhyani, Himanshu Yadav, Harshita Gupta, “Image Text Translation”, MIT International Journal of Computer Science & Information Technology, Vol. 7 No. 1 , pp.1-4, January 2018, ISSN 2230 – 7621.
<https://www.mitmoradabad.edu.in/mit-ijcs-it/>*
5. *Jyoti Gupta, Ayushi Chauhan, Aastha Agarwal, Abhijeet Singh Ranghuvanshi, Richa Saxena, “Machine Learning Approach for Crop Yield Prediction and Crop Variety Recommendation in Android Application”, MIT International Journal of Computer Science & Information Technology, Vol. 7 No. 1 , pp.5-9, January 2018, ISSN 2230 – 7621.
<https://www.mitmoradabad.edu.in/mit-ijcs-it/>*
6. *Dev Karan Singh, Sarthak Agarwal, Sanjeev Gupta, Manisha Singh, Utkarsh Saxena Saxena “Prediction of Match winners of IPL using Machine Learning Algorithm”, MIT International Journal of Computer Science & Information Technology, Vol. 7 No. 1 , pp.10-12, January 2018, ISSN 2230 – 7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>*
7. *Kanchan, Shilpi Rani ,Krishna Kumar Singh, Aanchal Gupta, Firoj Khan, Aman Singh, “Securing Computer Folders”, MIT International Journal of Computer Science & Information Technology, Vol. 7 No. 1 , pp.13-17, January 2018, ISSN 2230 – 7621.
<https://www.mitmoradabad.edu.in/mit-ijcs-it/>*

8. Saksham Chaudhary, Sakshi Bhalla, Mohd Faizan, Rishabh Agrawal, Mohd Ilyas, “Technology Trend Analysis of Stack Overflow Using Hadoop”, MIT International Journal of Computer Science & Information Technology, Vol. 7 No. 1 , pp.18-21, January 2018, ISSN 2230 – 7621.

2017-2018

Conferences

1. Himanshu Agarwal, Prakhar Gupta, Nitin Kumar, Manant Bansal, “A Robust Digital Video Watermarking Scheme for ownership Protection Using DWT in Feature Domain”, EDTA-2k18, 20-21 April 2018, MIT Moradabad, IE(I) OFFLINE
2. Neha Gupta, Anukriti Agarwal, Anushree Gupta, Anshika Pandey, Anamika Sharma “RescU: A mobile Application for own Safety”, EDTA-2k18, 20-21 April 2018, MIT Moradabad, EI(I). OFFLINE
3. Kanchan, Shubham Sethi, Robin Singh, Shobhit Bhatnagar, Sarthak Goyal, Mohd Asif, “Advance home automation operated by android application and web portal using raspberry pi”, TSNSI-2017, MIT Moradabad, September 2017. OFFLINE
4. Kanchan, Apoorv Sharma, Ashwani Kumar, Chetan Kumar, Ankit Kumar, “Wildlife tourism application based on android”, TSNSI-2017, MIT Moradabad, September 2017. OFFLINE
5. Manish Gupta, Shambhu Shankar Bharti, Suneeta Agarwal, “Implicit Language Identification System based on Random Forest and Support Vector Machine for Speech”, International Conference on Power, Control & Embedded Systems , ICPCES-2017, MNNIT Allahabad, India, IEEE, November 2017, ISBN: 978-1-5090-4425-2. <https://ieeexplore.ieee.org/document/8117624>
6. Prachi Gupta, Dr. Vinay Rishiwal, Dr. P. S. Kulkarni, Zubair. Iqbal, “QoS for Video Transmission in MANETs: A Survey”, 3rd International Conference On Internet of Things: Smart Innovation and Usages, (IoT-SIU), MIT Moradabad, IEEE, 23-24 February 2018, ISBN: 978-1-5090-6785-5. <https://ieeexplore.ieee.org/document/8519851>

7. Shivanshu Rastogi, Puneet Rai, "Computer Aided Diagnosis Schemes for Brain Tumor Detection: A Survey", SMART-2017; IEEE Sponsored 6th Sixth International Conference on System Modeling & Advancement in Research Trends, December 2017. OFFLINE
8. Shivanshu Rastogi , Prakash Ahuja , Shivam Saxena, "Efficient Approach for Designing of Tripwire Security System" In souvenir of Recent Advances in Electronics Design, Technologies and Applications, MIT Moradabad, India, page 17, April 2018. OFFLINE
9. Shivam Saxena, Reetu Saini, Priyanka Shisodia, Simmi Chaudhary, Manoj Kumar Singh, "Automatic Smart Car Parking System", In souvenir of Recent Advances in Electronics Design, Technologies and Applications, MIT Moradabad, India, page 18, April 2018. OFFLINE
10. Aman Gaur , Amber Saxena, Apoorv Mehrotra, Himanshu Bhatnagar, Anurag Malik, "U.P. State Tourister", In souvenir of Recent Advances in Electronics Design, Technologies and Applications, MIT Moradabad, India, page 40, April 2018. OFFLINE
11. Aditi Srivastava, Anjali Parmar, Aashika Kaushik, Aviral Vishnoi, Anurag Malik, "Youtube Monetization", In souvenir of Recent Advances in Electronics Design, Technologies and Applications, MIT Moradabad, India, page 40, April 2018. OFFLINE
12. Richa Gupta, Nishtha Mishra, Kumari Nishi Saini, Mahima Singh, Hari Shankar, "Conveyor Application: A new way to book vehicle", In souvenir of Recent Advances in Electronics Design, Technologies and Applications, MIT Moradabad, India, page 41, April 2018. OFFLINE
13. Megha Singh; Mohammad Arshad, Nimish Garg; Mohd. Talib, Ravish Kumar Dubey, "Smart City Travel Tour Guide: Application for Android Mobile", In souvenir of Recent Advances in Electronics Design, Technologies and Applications, MIT Moradabad, India, page 46, April 2018. OFFLINE
14. Mohammed Ilyas, Anchit Gupta, AnkurVarshney, Avneesh Kaushik, Ayush Verma, "Cleanareo And Jameo", In souvenir of Recent Advances in Electronics Design, Technologies and Applications, MIT Moradabad, India, page 46, April 2018. OFFLINE
15. Rakesh Ahuja, Priyanshi Chauhan, Sakshi Agarwal,Shivangi, Shreyesh yadav, "Robot Navigation in a dynamic Environment", TSNSI-2017, MIT Moradabad, September 2017. OFFLINE

16. Shivanshu Rastogi, Prakash Ahuja, Shivam Saxena, Pranjay Gupta, Ritik Rana ,Sanchit Varshney, “Advanced Anti-theft Suspect Recognition System”, TSNSI-2017, MIT Moradabad, September 2017. OFFLINE
17. Abhinandan Shrivastava, Aakash Tripathi, Prachi Agarwal, Abhijeet Sejwal, Afzal Ahmad, “ Nosie Free Airport”, TSNSI-2017, MIT Moradabad, September 2017. OFFLINE OFFLINE
18. Jeetesh Rathore, Ms. Priyanka Goel, Aanchal Verma, Aditi Tandon, Deepika Mathur, “ Video Surveillance through Facial Expression and Eye Movements : A Review”, TSNSI-2017, MIT Moradabad, September 2017. OFFLINE
19. Himdev Vishnoi, Ayush Kumar Pal, Ranjan Baghel, Karan Duggal, Ashutosh Rai, “ Web Interfaced Data Collection App For Agri-Parameters”, TSNSI-2017, MIT Moradabad, September 2017. OFFLINE
20. Zubair Iqbal Deepa Chaudhary, Kanika Jain, Garima Agarwal, Goura Jain, “Voice Based Campus Navigation System”, TSNSI-2017, MIT Moradabad, September 2017. OFFLINE

2016-1017

Journals

1. Manoj Kumar Singh, Himanshu Agarwal, Praveen Saini, ” Performance Comparison of GNS3 and VYATTA Routers using NMAP”, MIT International Journal of Computer Science & Information Technology, Vol.6, No.2, pp. 63-71, August 2016, ISSN 2230-7621. OFFLINE
2. Shiva Kulshreshtha, Shubham Katta, Sarthak Gupta, Rishabh Singh, Anurag Malik,” Detection of Forged and Unsolicited Mails”, MIT International Journal of Computer Science & Information Technology, Vol 6. No. 2, pp 83-87, August 2016, ISSN 2230-7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>
3. Taruna Singh, Navita Agarwal, Pulkit Verma,, “Mobile Tracking System”, MIT International Journal of Computer Science & Information Technology, Vol. 6 No. 2 , pp. 53-55, August 2016, ISSN 2230 – 7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>
4. Prachi Agarwal, Jasdeep Kaur, Khushboo Agarwal, “Image Encryption using Fusion Technique”, MIT International Journal of Computer Science & Information Technology, Vol. 6 No. 2 , pp. 56-62 August 2016, ISSN 2230 – 7621. <https://www.mitmoradabad.edu.in/mit-ijcs-it/>

2016-2017

Conferences

1. Anshika Gupta, Anurag Vats, Anshika Deval, Aayushi Deep, Mohd. Ilyas, “Drug Abuse Analysis Using Hadoop Framework”, Recent Advances in Electronics Design, Technologies and applications, April 2017, MIT Moradabad. OFFLINE
2. Zubair Iqbal, Prince Dhanwan, Pulkit Wadhwa, Prashant Saxena, Priyank Verma, “Hindi Speech Recognition using CMUSPHINX”, recent advances in Electronics Design, Technologies and Applications (EDTA-2K17), Apr 2017. OFFLINE
3. Shivanshu Rastogi, Puneet Rai, “Computer Aided Diagnosis Schemes for Brain Tumor Detection: A Survey”, SMART-2017; IEEE Sponsored 6th Sixth International

Conference on System Modeling & Advancement in Research Trends, December 2017.
OFFLINE

4. Manish Gupta, Shambhu Shankar Bharti, Suneeta Agarwal, “Support Vector Machine Based Gender Identification Using Voiced Speech Frames”, International Conference on Parallel, Distributed and Grid Computing , PDGC 2016, JUIT Solan, India, IEEE , April 2017, ISBN: 978-1-5090-3669-1
<https://ieeexplore.ieee.org/document/7913219>
5. Shambhu Shankar Bharti, Manish Gupta, Suneeta Agarwal, “Background Noise Identification System Based On Random Forest for Speech ”, International Conference on Intelligent Computing and Applications , ICICA-2016 Pune, India ,IEEE, 20-22 Dec, 2016, ISBN 978-981-10-5520-1. https://link.springer.com/chapter/10.1007/978-981-10-5520-1_30
6. Akshat Bhardwaj, Akshay Grover, Praveen Saini, Mayank Singh, “Contact Dynamics Emulation Using Leap Motion Controller”, Advances in Computing and Data Sciences, ICACDS 2016 , Springer Nature, Communications in Computer and information Science, 11- 12 November 2016, Vol. 721,978-981-10-5426-6 /1865-0929.
https://link.springer.com/chapter/10.1007%2F978-981-10-5427-3_28