

**MORADABAD INSTITUTE OF TECHNOLOGY MORADABAD**  
**COMPUTER SCIENCE & ENGINEERING DEPARTMENT**

**Faculty Research papers in International Journal**

**Session: 2021-22**

| S.No. | Faculty Name   | Title of Paper                                                                     | Other Authors                                                                   | Journal Name                                                                              | Vol. | Issue | Page No.  | Published Year | Published Month | DOI/URL                                                                                                                                                                                       | Indexing (SCI/Scopus/Other) |
|-------|----------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------|-------|-----------|----------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 1     | Somesh kumar   | Predictive Analysis: A Case Study for Healthcare Lifestyle Diseases                | Harsh Vardhan Mishra                                                            | Mathematics in Engineering, Science & Aerospace (MESA)                                    | 12   | 4     | 967-981   | 2021           | November        | <a href="http://nonlinearstudies.com/index.php/mesa/article/view/2743">http://nonlinearstudies.com/index.php/mesa/article/view/2743</a>                                                       | SCOPUS                      |
| 2     | Manish Gupta   | Automatic Diagnosis of Covid-19 Related Pneumonia from CXR and CT-Scan Images      | Naresh Kumar, Adeel Hashmi, Ankit Kundu                                         | Engineering, Technology & Applied Science Research                                        | 12   | 1     | 993-7997  | 2022           | February        | <a href="https://doi.org/10.48044/etarsr.2022.12.1.993-7997">https://doi.org/10.48044/etarsr.2022.12.1.993-7997</a>                                                                           | SCI                         |
| 3     | Manish Gupta   | Fusion of multi-modality biomedical images using deep neural networks              | Naresh Kumar, Neha Gupta, Atef Zaguia                                           | Soft Computing, springer                                                                  | 26   |       | 8025-8036 | 2022           | April           | <a href="https://doi.org/10.1007/s00500-022-07047-2">https://doi.org/10.1007/s00500-022-07047-2</a>                                                                                           | SCI                         |
| 4     | Manish Gupta   | Hybrid Multi-User Based Cloud Data Security for Medical Decision Learning Patterns | Ihtiram Raza Khan, B Gomathy, Ansuman Samal                                     | ECS Transactions                                                                          | 107  | 1     | 2559      | 2022           |                 | <a href="https://doi.org/10.1149/10701.2559ecst">https://doi.org/10.1149/10701.2559ecst</a>                                                                                                   | SCI                         |
| 5     | Manish Gupta   | Technical Job Aggregator & Recommendation System using APIs & Web Crawling         | Naresh Kumar, Deepak Sharma, and Isaac Ofori                                    | Computational Intelligence and Neuroscience                                               | 22   |       |           | 2022           | June            | <a href="https://doi.org/10.1155/2022/7797548">https://doi.org/10.1155/2022/7797548</a>                                                                                                       | SCI                         |
| 6     | Vikas Kumar    | Thorax Disease Detection using X-ray                                               | Ritika Saxena, Nishita Agarwal, Pranvi Jain, Aashi Agarwal                      | International Journal of Creative Research Thoughts (IJCRT)                               | 9    | 7     | 214-221   | 2021           | July            | <a href="http://ijcrt2107447.pdf">IJCRT2107447.pdf</a>                                                                                                                                        | other                       |
| 7     | Vikas Kumar    | Density based Smart Traffic Light System                                           | Prayag Verma, Syed Ashraf Hussain, Utkarsh Varshney                             | MIT Transaction (an International Journal of Advance Engineering, Science and Technology) | 4    | 2     | 18-24     | 2021           | August          | <a href="http://www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf">www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf</a>        | other                       |
| 8     | Anurag Malik   | TARGETED RUBBISH ASSORTING SYSTEM HANDLER(TRASH)                                   | Tushar Agarwal, Shruti Arya, Satish Saini, Tanya Duggal                         | International Research Journal of Engineering and Technology (IRJET,)                     | 8    | 7     | 3739-3745 | 2021           | July            | <a href="https://www.irjet.net/archives/V8/i7/IRJET-V8I7646.pdf">https://www.irjet.net/archives/V8/i7/IRJET-V8I7646.pdf</a>                                                                   | other                       |
| 9     | Neelaksh Sheel | Depression Detection using Convolutional Neural networks from Speech               | Karnika Saxena, Falguni Saxena, Visaka Tandon, Himanshi Gahlaut, Neelaksh Sheel | International Journal of Advance Engineering Science and Technology, MIT Transactions     | 4    | 2     | 13-17     | 2021           | August          | <a href="http://www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf">http://www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf</a> | other                       |
| 10    | Neelaksh Sheel | Adaptive TCP Model for Abrupt Network Congestion                                   | Indradeep Verma, Kumar Manu                                                     | Mathematics in Engineering, Science & Aerospace (MESA)                                    | 12   | 4     | 1049-1055 | 2021           | November        | <a href="http://nonlinearstudies.com/index.php/mesa/article/view/2756">http://nonlinearstudies.com/index.php/mesa/article/view/2756</a>                                                       | SCOPUS                      |

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| 11 | Lal Pratap Verma | Analyzing IoT with TCP and MPTCP                                                                              | Deepika Singh Kushwah, Mahesh Kumar                                | Mathematics in Engineering, Science & Aerospace (MESA)                                | 12 | 4 | 943-951   | 2021 | November | <a href="http://nonlinearstudies.com/index.php/mesa/article/view/2748">http://nonlinearstudies.com/index.php/mesa/article/view/2748</a>                                                      | SCOPUS |
| 12 | Himanshu Agarwal | Protecting Ownership Rights of Videos against Digital Piracy: An efficient digital watermarking Technique.    | Farooq Husain                                                      | International Journal of Communication Networks and Information Security (IJCNIS)     | 13 | 2 | 290-301   | 2021 | August   | <a href="https://doi.org/10.17762/ijcnis.v13i2.4945">https://doi.org/10.17762/ijcnis.v13i2.4945</a>                                                                                          | Scopus |
| 13 | Vikas Bhatnagar  | ML Based Crime Report & Prediction System                                                                     | Ravi Ranjan, Aashutosh Verma, Aman Kumar and Lalit Kumar           | International Journal of Advance Engineering Science and Technology, MIT Transactions | 4  | 2 | 3 to 7    | 2021 | August   | <a href="http://www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf">www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf</a>       | other  |
| 14 | Prachi Gupta     | Real Time Hand Gesture Recognition                                                                            | Riya Jain, Ritika Chaudhary, Samarth Pathak, Sushant Kumar         | International Journal of Advance Engineering Science and Technology, MIT Transactions | 5  | 1 | 16-18     | 2022 | Jan      | <a href="http://www.mitmoradabad.edu.in/wp-content/uploads/2023/06/Vol-5-issue-1-Jan-2022-issue.pdf">www.mitmoradabad.edu.in/wp-content/uploads/2023/06/Vol-5-issue-1-Jan-2022-issue.pdf</a> | other  |
| 15 | Manoj Kr. Singh  | Hyperspectral image classification using deep convolutional neural network and stochastic relaxation labeling | Shashank Mohan, Brajesh Kumar                                      | Journal of Applied Remote Sensing                                                     | 15 | 4 | 42612     | 2021 | October  | <a href="https://doi.org/10.1171/JRS.15.042612">https://doi.org/10.1171/JRS.15.042612</a>                                                                                                    | SCI    |
| 16 | Richa Saxena     | Intelligent Home: Automating amenities & assuring Security features using Raspberry Pi                        | Muskan Agarwal, Aishwariya Katyal, Jafri-Al-Ayaan, Jyotsana Bharti | MATHEMATICS IN ENGINEERING, SCIENCE AND AEROSPACE MESA                                | 12 | 4 | 983-998   | 2021 | November | <a href="http://nonlinearstudies.com/index.php/mesa/article/view/2751">http://nonlinearstudies.com/index.php/mesa/article/view/2751</a>                                                      | SCOPUS |
| 17 | Kanchan          | Implementation of Intruder Detection System                                                                   | Vedika Agarwal, Shivansh Agarwal, Sukriti Singh, Satakshi          | International Research Journal Of Engineering and Technology                          | 9  | 2 | 1074-1079 | 2022 | Feb      | <a href="http://www.irjet.net/archives/V9/i4/IRJET-V9I4188.pdf">www.irjet.net/archives/V9/i4/IRJET-V9I4188.pdf</a>                                                                           | other  |
| 18 | Mohd Ilyas       | Basketball Analysis System Using Artificial Intelligence                                                      | Bob Khan, Amir, Aniket Singh, Ankit Chandra                        | International Journal for Research in Applied Science &                               | 10 | 5 | 3880      | 2022 | May      | <a href="https://doi.org/10.22441/ijras.2022.100505">https://doi.org/10.22441/ijras.2022.100505</a>                                                                                          | other  |
| 19 | Neha Gupta       | Fusion of multi-modality biomedical images using deep neural networks                                         | Manish Gupta, Naresh Kumar,                                        | Springer, Soft Computing                                                              | 26 |   | 8025-8036 | 2022 | April    | <a href="https://doi.org/10.1007/s00500-022-07047-2">https://doi.org/10.1007/s00500-022-07047-2</a>                                                                                          | SCI    |
| 20 | Zubair Iqbal     | Sign Language Translations For Deaf And Dumb                                                                  | and Rishabh Chaudhary                                              | International Journal of Creative Research Thoughts (IJCRT)                           | 10 | 5 | 123-125   | 2022 | May      | <a href="http://IJCRT2205227.pdf">IJCRT2205227.pdf</a>                                                                                                                                       | other  |
| 21 | Zubair Iqbal     | NEURAL STYLE TRANSFER USING DEEP LEARNING WITH CNN AND STREAMLIT                                              | Satyam Rastogi, Anshdeep Tyagi, Anubhav Shukla, Anil Kumar         | International Journal of Creative Research Thoughts (IJCRT 2022)                      | 10 | 5 | 309-312   | 2022 | May      | <a href="http://IJCRT2205613">IJCRT2205613</a>                                                                                                                                               | other  |
| 22 | Zubair Iqbal     | S.I.A.C. – Smart Identity and Access Card                                                                     | Rishi Raj Singh, Pushkar Sharma, Mukul Kumar, Naman Agarwal        | MIT Transaction, International Journal Of Advanced Engineering Science And Technology | 4  | 2 | 25-30     | 2021 | August   | <a href="http://www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf">www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf</a>       | other  |

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| 23 | Sanjeev Gupta      | Hand Gesture Based Recognition And Voice Conversion System For Deaf And Dumb             | Vaibhav Chauhan, Shubham Khanna, Vedika Khanna and Srashti Gautam           | MIT Transaction, International Journal Of Advanced Engineering Science And Technology | 4   | 2 | 8 to 12   | 2022 | August    | <a href="http://www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf">www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf</a> | other |
| 24 | Praveen saini      | Smart Tech Autonomous Robot                                                              | Shivangi Arrora, Vila Zehra, Saurabh Bhatnagar, Dhruv Sharma                | MIT- TRANSACTION International Journal Of Advanced Engineering Science And Technology | 4   | 2 | 31-34     | 2022 | August    | <a href="http://www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf">www.mitmoradabad.edu.in/wp-content/uploads/2023/01/Vol-4-Issue-2-August-2021.pdf</a> | other |
| 25 | Jayati Bhardwaj    | COVID-19 Outbreak Prediction Using Artificial Neural Network: A Review                   | Manu Tyagi, Peeyush Kumar, Mayank Agarwal, Unnati Gangwar, Priyanshu Murari | International Journal of Computer Application (IJCA)                                  | 184 | 2 | 48-51     | 2022 | March     | <a href="https://doi.org/10.5120/ijca2022921979">https://doi.org/10.5120/ijca2022921979</a>                                                                                            | other |
| 26 | Vibhor Kr. Vishnoi | Detection of Apple Plant Diseases Using Leaf Images Through Convolutional Neural Network | Krishna Kumar, Brajesh Kumar, Shashank Mohan and Arfat Ahmad Khan           | Biosystems Engineering, Elsevier                                                      | 11  |   | 6594-6609 | 2022 | December  | <a href="https://doi.org/10.1109/ACCESS.2022.3232917">https://doi.org/10.1109/ACCESS.2022.3232917</a>                                                                                  | SCIE  |
| 27 | Vibhor Kr. Vishnoi | A comprehensive study of feature extraction techniques for plant leaf disease detection  | Krishna Kumar, Brajesh Kumar                                                | Multimedia Tools and Applications, Peer reviewed, Unpaid, Springer                    | 81  |   | 367-419   | 2021 | September | <a href="https://doi.org/10.1007/s11042-021-11375-0">https://doi.org/10.1007/s11042-021-11375-0</a>                                                                                    | SCIE  |