

Publications

Journal Papers Details (Session 2022-23)

S.No	Faculty Name/ Corresponding Author	Title	Name of Journal	Indexing
1	Dr Kimmi Verma	Heart Disease Prediction model using Machine learning	International Journal of Novel Research and Development	other
2	Megha Kumar	Streamline Multimodal Communication with Advanced Image to Textual and Speech Synthesis System with Cross-Platform GUI	International Journal of Novel Research and Development	UGC care
3	Dr Kimmi Verma	An Analysis of UAV Payload and Its Application Based Stratification	International Journal of Novel Research and Development	other
4	Medhavi Pandey	Real-Time Sentiment Analysis of Movie Reviews on Social Media Platforms	DTC Journal of Computational Intelligence	other
5	Megha Kumar	TrackTic: Web Based Application	DTC Journal of Computational Intelligence	other
6	Vivek Kumar, Ayasha Malik	Heart Disease Prediction using Machine Learning	DTC Journal of Computational Intelligence	other
7	Megha Kumar	Image Caption Generator (With real-time captions on images)	International Journal of Novel Research and Development	other
8	Megha Kumar	Brain Tumor Detection using CNN	International Journal of Novel Research and Development	other
9	Karishma Arora, Rachana Sharma	A Review on Green Cloud Computing as a Step towards Promoting Sustainable and Eco-Friendly Computational Approach	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)	other
10	Seema Verma	Analysis and Design of Online Video Conferencing Platforms	TIJER- International Research Journal	other
11	Seema Verma	Pathfinding Visualizer using Multiple Graph Algorithms	International Journal of Research and Analytical Reviews	other
12	Nidhi Sharma	Helmet Detection using Machine Learning	International Research Journal of Engineering and Technology	other

13	Nidhi Sharma	Identification of Different Species of Iris Flower using Machine Learning Algorithm	International Research Journal of Engineering and Technology	other
14	Karishma Arora	Implementation of MERN : A Stack of Technologies to Design Effective Web Based Freelancing Applications	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)	other
15	Ayasha Malik	Possibilities for Self-Created Learning via Augmented Reality and Virtual Reality: A Survey	DTC Journal of Computational Intelligence	other
16	Ayasha Malik	Continuous Testing and Testing Issues with Continuous Delivery Integration Trade-Offs: Assurance, Security, and Flexibility	DTC Journal of Computational Intelligence	other
17	Nitesh Singh Bhati,	A Study on Parallel Clustering Algorithms based on MapReduce	IEIE Transactions on Smart Processing & Computing	Scopus
18	Rachana Sharma, Nayan Tuteja, Hemant, Chhabil Nagar, Nakul Kaushik	Real-Time Anomaly Detection Surveillance System	IJNRD	other

Book Details (Session 2022-23)

S. No.	Faculty Name/ Corresponding Author	Title of the book	ISBN	Index
1	Dr. Kimmi Verma.	Machine Learning: Enabling Health Care	978-93-5757-251-4	other
2	Ayasha Malik, Seema Verma	Need and Impact of Emerging Technologies for Developing Smart City	Scientific International Publishing House	other
3	Dr. Kimmi Verma.	Energy Harvesting Enabling IoT Transformations	CRC Press, Taylor & Francis Group, 2022 /9781032111834	other

4	Dr. Kimmi Verma.	Dawn to Dusk to Dawn: Environmental Issues and its Effects on Human Evolution	Empyrean Publishing House	other

Book Chapter Details (Session 2022-23)

S. No.	Name of the Teachers	Title of the Chapters	Name of the Book	Indexing
1	Dr. Priyanka Dadhich	Artificial Intelligence for vaccine Development to pharmaceutical Supply Chain Management in Post Covid-19 Period	Blockchain, IOT, and AI Technologies for Supply Chain Management	Others
2	Karishma Arora, Rachana Sharma	Implementation and Significance of Green Technology in Varied Areas for achieving Sustainable and Eco-friendly Smart City	Need and Impact of Emerging Technologies for Developing Smart City (Book Chapter)	Others
3	Preeti Pandey , Yashu Shanker	Applications of Wearable Computing Device in Enhancing Healthcare Services	Need and Impact of Emerging Technologies for Developing Smart City (Book Chapter)	Others
4	Umnah	Application of Blockchain and Artificial Intelligence Technology Convergence for betterment of Transportation Systems	Need and Impact of Emerging Technologies for Developing Smart City (Book Chapter)	Others
5	Ayasha Malik	Impact and significance of IoVT technology on new Information and communication technology, devices, and systems Level interconnection: A survey	Need and Impact of Emerging Technologies for Developing Smart City	Others
6	Preeti Pandey	Impact of emerging decentralized technologies on the society	Need and Impact of Emerging Technologies for Developing Smart City	Others

7	Megha Kumar	Role and Importance of Artificial Intelligence towards reshaping of Healthcare Industry	Need and Impact of Emerging Technologies for Developing Smart City	Others
8	Rachana Sharma , Karishma Arora	Reforming The Cities From Perception To Actuality Based On IOT, Applications, Challenges And Future Scope	Need and Impact of Emerging Technologies for Developing Smart City	Others
9	Malik Nadeem Anwar	Security and Privacy Challenges: Smart City Perspective	Need and Impact of Emerging Technologies for Developing Smart City	Others
10	Preeti Pandey	Applications of Machine Learning Techniques for forecasting: A Review	Ist Int Conf on Recent Advances in Computing Sciences	Others

Conference Details (Session 2022-23)

S. No.	Faculty Name	Title of the paper	Title of the proceedings of the conference	Indexing
1	Nidhi Sharma	Implementation of Machine Learning in IOT	Advancement of Intelligent Computational Methods and Technologies	Others
2	Nidhi Sharma	IOT Based Pelttierr Module Smart Refrigerator	Advancement of Intelligent Computational Methods and Technologies	Others
3	Preeti Pandey	Automation Testing using Appium Tool	Advancement of Intelligent Computational Methods and Technologies	Others
4	Karishma Arora	Discovering Generic Medication Substitutes using Machine Learning & Deep Learning	Advancement of Intelligent Computational Methods and Technologies(Conference)	Others
5	Preeti Pandey	DEEP FACE DETECTION USING AI	Advancement of Intelligent Computational Methods and Technologies(Conference)	Others
6	Preeti Pandey	Applications of Machine Learning Techniques for forecasting: A Review	Ist Int Conf on Recent Advances in Computing Sciences	Others

7	Preeti Pandey	Comparative Study of Deep learning Techniques for Cryptocurrencies	International Conference on Computational Intelligence for Engineering and Management Applications (CIEMA) – 2022	SCOPUS
8	Ayasha Malik	Blockchain Technology for Better Security by Using Two-Way Authentication Process	6th International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE 2022), Ghaziabad, U. P., India	SCOPUS
9	Ayasha Malik	Prognosis of Diabetes Mellitus based on Machine Learning algorithms	International Conference on Emerging Computational Intelligence Aligarh Muslim University, Aligarh	SCOPUS
10	Ayasha Malik	Necessity and Role of Blockchain Technology in the Domain of Cyber Security and Data Science	International Conference on Emerging Computational Intelligence, Aligarh Muslim University, Aligarh, U.P., India	SCOPUS
11	Ayasha Malik	Rating of movie via movie recommendation system based on apache spark using Big Data and Machine Learning Techniques	International Conference on Computational Intelligence for Engineering and Management Applications (CIEMA) – 2022	SCOPUS
12	Preeti Pandey, Geeta Sharma	Comparative Study of Deep learning Techniques for Cryptocurrencies	IEEE International Conference on Disruptive Technologies (ICDT-2023)	Others
13	Ayasha Malik	Genetic Algorithm: An approach for Software Testing based on a given Source Code	6th International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE 2022)	SCOPUS
14	Ayasha Malik	Comparative analysis of three waves of COVID-19 in India: A deep study of three waves based on selected parameter	6th International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE 2022)	SCOPUS
15	Ayasha Malik	Artificial Intelligence-Based React Application (Powered by Conversational ALAN-AI Voice Assistance).	6th International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE 2022)	SCOPUS

16	Dr Seema Verma	Role and Analysis of Various SEO Strategies to Improve Website Ranking	International Conference on Machine Learning, Big Data, Cloud and Parallel Computing	SCOPUS
17	Preeti Pandey	Applications of Machine Learning Techniques for forecasting: A Review	Ist Int Conf on Recent Advances in Computing Sciences	SCOPUS