



INDEX

CONTENT	YEAR
DETAILS OF PUBLICATION IN SCI/REFEREED JOURNALS/CONFERNECE	2024
BOOK OR BOOK CHAPTER	
PATENTS/ GRANTS	
DETAILS OF PUBLICATION IN SCI/REFEREED JOURNALS/CONFERNECE	2023
BOOK OR BOOK CHAPTER	
PATENTS/ GRANTS	
DETAILS OF PUBLICATION IN SCI/REFEREED JOURNALS/CONFERNECE	2022
BOOK OR BOOK CHAPTER	
PATENTS/ GRANTS	
DETAILS OF PUBLICATION IN SCI/REFEREED JOURNALS/CONFERNECE	2021
BOOK OR BOOK CHAPTER	
PATENTS/ GRANTS	
DETAILS OF PUBLICATION IN SCI/REFEREED JOURNALS/CONFERNECE	2020
BOOK OR BOOK CHAPTER	
PATENTS/ GRANTS	



(2024)

A.

DETAILS OF PUBLICATION IN JOURNALS

(2024)



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

S.No	Author	Title	Name of Journal/ Indexing Conference	Year	Department
1.	Prof. Sarika Shrivastava	Impact of EV interfacing on peak-shelving & frequency regulation in microgrid	Scientific Reports	2024	Electrical Engineering
2.	Sakshi Mishra	Therapeutic Approaches of Nanostructure Metallic Materials in Management of Colorectal Cancer: Recent Advancements	Journal of Drug Delivery Science and Technology SCI (IF 4.5)	2024	Pharmacy
3.	Neha N Siddiqui	Understanding Work-Life Balance in the Aviation Industry: A Comparative Analysis of Jet Airways and Indigo	C New Innovations in AI, Aviation, and Air Traffic Technology	2024	MBA
4.	Prof. Sarika Shrivastava	Improving the efficiency and reliability of India's power grid through targeted EHV transmission line investments: a case of UPPCL BUSINESS GROWTH	Scientific Reports	2024	Electrical Engineering
5.	Jalaluddin M. Ashraf; Amjad R. Alyahyawi; Mohammad Azam Ansari; Sana Fatma;;	Antiglycative and antioxidative activity of biomimetically synthesized magnetic copper ferrite nanoparticles: Inhibition of methylglyoxal-derived AGE	EXCLI Journal	2024 (Under revision)	Applied sciences and Humanities
6.	Dr. Priti Kumari	Efficient cache placement for content delivery networks in Fog Computin	International Journal of Performability Engineering/ Scopus	2024	Computer Science and Engineering
7.	Dr. Priti Kumari	Mobile Edge Computing: A paradigm shift in computing	Decentralised systems and Distributed Computing Scopus	2024	Computer Science and Engineering
8.	Kavita Patel, Vandana Dubey, Priti Kumari	Amalgamation of Optimization Algorithms With IoT Applications	Sustainable Development in Industry and Society 5.0: Governance, Management, and Financial Implications/ Scopus	2024	Computer Science and Engineering
9.	Sana Fatma	Progress of Zeolite in Water Softening Treatment		2024	Applied sciences and Humanities
10.	Awanish k Srivastava, Rajesh Sharma, Brijesh	Review on Argyreia speciosa sweet ,Medicinal use and Biochemical Activities	International journal of Pharmaceutical science and research	2024	Pharmacy



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

	Singh				
11.	Farhan Ahmad	Exploring the Protective Effects of Jasmonic Acid Against Mancozeb-Induced Physiological and Molecular Toxicity in <i>Vigna radiata</i>	Horticulture/ SCI	2024 (Revision)	Biotechnology
12.	Rajesh Singh, Deshmukh, Sakshi Mishra	Pharmaceutical insitu gel for Glaucoma: Recent trends and development with an update on Research and Patents.	Critical Reviews in Therapeutic Drug carrier system SCI	2024	Pharmacy
13.	Sakshi Mishra, Deshmukh, Ranjeet Harvansh	Covid-19 : Recent Insights in Genomic Features, pathogenesis, Immunological Biomarkers, Treatment, Options and Clinical Updates on SARS CoV-2	Current Genomics, Bentham sciences SCI	2024	Pharmacy
14.	Roshni Jaiswal	Employee Engagement and Retention: Strategies for Success	“Informatics Education and Research”	2024	MBA
PUBLICATION IN CONFERENCES					
1.	Sandeep Singh et. al	Performance analysis of dual active bridge isolated DC to DC converter using EPS Modulation	Springer, ICMEET-2024	2024	ECE
2.	Somendra Banerjee et. al.	Multistage Constant Current Charging Scheme NICD and NIMH using PI Controller: A Comparison	Springer, ICMEET-2024	2024	EE
3.	Sandeep Singh et. Al.	Performance analysis of dual active bridge isolated DC to DC converter using DPS Modulation	IEEE International Conference 2023	2024	ECE

B. BOOK OR BOOK CHAPTER



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

S. No	Author	Title	Details of Publisher	Year	Department
1.	Priti Kumari, V. Dubey et.al.	Internet of Things (IoT) Integration with 5G & 6G wireless Technology Advanced IoT Technologies and Applications in the Industry 4.0 Digital	9781003434269	2024	Computer Science and Engineering
2.	Kavita Patel, Vandana Dubey, Priti Kumari	Amalgamation of Optimisation Algorithms with IoT Applications	10.4018/979-8-3693-7322-4.ch009	2024	Computer Science and Engineering
3.	Farhan Ahmad, Nida Sultan, Shazia Siddiqui, Aisha Kamal	Role of beneficial elements signaling and metabolic performance in plants under heavy metal stress	Elsevier	2024	Biotechnology
4.	Adiba Tabassum	Challenges and Roadblocks in Navigating the Luxury Car Strategy in Charter Aviation	IGI Global	2024	
5.	Adiba Tabassum	Crafting a Compelling Employer Brand to Attract Top Antenna Design Talent	IGI	2024	HAS
6.	Uzma Javed	An outline of the Growth and Evolution of Indian English literature with Special Reference to Poetry	www.saptarishipublication.com	2024	HAS
7.	Roshni Jaiswal & Sarika Shrivastava	New Innovations in AI, Aviation, and Air Traffic Technology entitled “Impact of Workplace Conflict on Job Satisfaction of Civil Aviation Authority”	IGI Global	2024	MBA

C. PATENTS



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

S. No	Title	Author Name	Patent No.	Date of Submission	Department
1.	5G –Based wireless Network repeaters	Anuja Singh, Saumya Srivastava, pradeep verma, Lalit Kumar, Pnakaj Vishkarma, Diksha Pandey		30 th May 204	ECE

(2023)



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(2023)

S.No	Author	Title	Name of Journal/ Conference /Indexing	Year	Department
1.	Priti Kumari et. al.	An Adaptable Approach to Fault Tolerance in Cloud Computing	International Journal of cloud applications and computing	2023	Computer Science and Engineering
2.	Priti Kumari et. al.	An Optimal Checkpointing with Message Logging Protocol for Fault Tolerance of Distributed Applications in the Cloud Data Center	European Chemical Bulletin	2023	Computer Science and Engineering
3.	Vandana Dubey et. al.	Heart Disease Prediction Using Machine Learning	European Chemical Bulletin	2023	Computer Science and Engineering
4.	Vandana Dubey et. al.	An Optimal Checkpointing with Message Logging Protocol for Fault Tolerance of Distributed Applications in the Cloud Data Center	European Chemical Bulletin	2023	Computer Science and Engineering
	Sachin Kumar et.al.	Performance evaluation of ResNet model for classification of tomato plant disease	Epidemiol. Methods 2023; 12(1): 20210044 https://doi.org/10.1515/em-2021-0044	2023	Computer Science and Engineering
	Sachin Kumar et.al.	Energy-efficient model “DenseNet201 based on deep convolutional neural network ”using cloud platform for detection of COVID-19 infected patients	Epidemiol.Methods2023;12(1):20210047 https://doi.org/10.1515/em-2021-0047	2023	Computer Science and Engineering
	Afreen Shahid Farhan Ahmad, Aisha kamal	Assessment of Biodegradation Potential of Lead-Resistant Bacteria Isolated from Polluted Sites of Gomti River in Lucknow	Journal of Applied biology and Biotechnology	2023	Biotechnology
	Rajesh Kumar, Omsatyam, Mahendra Yadev, Brijesh Singh	Phyto-pharmacological activity and novel aspect of lichen parmelia perlata: A Review.	International Journal of creative research thoughts	2023	Pharmacy
	Ravi, Awasthi H. H., Pandey A. K., Dewidi K. N.	Phytoconstituent study of Polyherbal shampoo	Accent Journal of Economics, Ecology and Engineering	2023	Pharmacy
	Sakshi Mishra, Rohitas	Biosensors- A miraculous detecting tool in combating the war against COVID-19	Current Pharmaceutical	2023	Pharmacy



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

	Deshmukh		Biotechnology		
	Manisha Dubey , Shourya Pratap Singh,	Formulation and evaluation of itraconazole aerosol for antifungal activity	International Research Journal of Engineering and tecnology	2023	Pharmacy
	Surbhi Gupta , Janhavi Gupta , Anubhav Anand , Smriti Ojha	Assessment of Wound Healing Potential of Simvastatin Emulgel in Rat Excision Wound Model	Bentham science SCI	2023	Pharmacy
	Sharma Akansha, Singh Aditi, Verma Ashish	Potential of AI in the advancement of pharmaceutical industry	River Publisher	2023	Pharmacy
	Vishal Srivastava, Ankur, Ravindra	In-vitro evaluation of an Anti-fungal nail lacquer containing miconazole nitrate	Neuroquantology	2023	Pharmacy
	Vishal srivastava, Vikash, Ravindra, Anand	Formulation and Characterization of Floating Tablet and Anti depressent Drug	Neuroquantology	2023	Pharmacy
	Vishal Gupta Dr. Ashish Ranjan Sinha	Leadership styles in Ramayana and lord Rama a leader to emulate for his ethical leadership style:	Journal of Namibian studies	2023	MBA
	Shahrukh Ali Nishtha Sahu	A Review of Nanotechnology for Seismic Safety in Structures	Journal of Manufacturing Engineering	2023	Civil Engineering
PUBLICATION IN CONFERENCES					
	Sachin Kumar et.al.	Gold Price Forecasting In India Using Arima Model On Cloud Platform	IJCRT	2023	Computer Science and Engineering
1.	Priti Kumari el. al	Efficient use of Block Chain for crowdfunding platform	ACM IC3, JIIT, NOIDA	2023	Computer Science and Engineering
2.	Priti Kumari el. al	Content Replica Placement method for fault tolerance in Fog Computing Environment	IEEE Word Conference, AIC 2023	2023	Computer Science and Engineering
3.	Vandana Dubey	Content Replica Placement method for fault tolerance in Fog Computing Environment	IEEE Applied Intelligence &	2023	Computer Science and



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

			Computing 2023		Engineering
4.	Dr. Brijesh Kumar Yadav, Dr. Aman Gupta and Prashant Pandey	Connecting Crm Campaign to Csr Program- A Conceptual Research Framework	Rabindra Bharati Journal of Philosophy	2023	MBA
5.	AMIT KR. SINGH	A Study on Advertising on Consumer Buying Behavior	UGC care list	2023	MBA
6.	SHARMILA SINGH	The Level of Employees Job Satisfaction in The Private and Public Sector Banks” in June	UGC care list	2023	MBA
7.	Mrs. Diksha Pandey, Devendra Kumar Tripathi, G.S.Tomar	A Novel Approach-Load Balancing with Fault Tolerant Technique to Solve Hidden Node Problem in MANETs	IEEE World Conference: Applied Intelligence & Computing	2023.	ECE
8.	Rajiv Kumar Yadav	Experimental investigation and hybrid metaheuristic optimization using ANN MOJAYA on corner accuracy during WEDM fo Ti-3Al- 2.5V	International and 30 th All India Manufacturing Technology Design & Research Conference AIMTDR-2023	2023	Mechanical Engineering

B. BOOK OR BOOK CHAPTER



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

S. No	Author	Title	Details of Publisher	Year	Department
1.	Priti Kumari, V. Dubey et.al.	Book Title: Advance Statistical and Computational Techniques in Interdisciplinary Research	D.P.S. Publication House	2023	Computer Science and Engineering
2.	Priti Kumari, V. Dubey et.al.	Checkpoint Snapshot Placement in the Cloud Data Center Using Fuzzy Inference System	Book Chapter, Springer, Print ISBN 978-981-99-0972-8	2023	Computer Science and Engineering
3.	Priti Kumari, V. Dubey et.al.	Wearable Technology Concepts, Classification and Applications	Book Chapter, CRC Press	2023	Computer Science and Engineering
4.	Priti Kumari, V. Dubey et.al.	Intellectual Movie recommendation system using supervised machine learning method	Springer	2023	Computer Science and Engineering
5.	A. Mohan et. al.	IOT for landslides: Applications, Challenges and Technologies	Springer, Singapore	2023	Computer Science and Engineering
6.	S.Kumar et.al	Energy-Efficient Model (ARIMA) for Forecasting of Modal Price of Cod Pea Using Cloud Platform	Springer Nature Singapore	2023	Computer Science and Engineering
7.	Aditya Singh Yadav, Dr. Manish Sharma, Dr. Akhilesh Dixit, Prof. Tulika Saxena	Impact of IoT, AI on Organization Behaviour & HRM: Understanding the opportunities & challenges	SHIVALIK PUBLICATION	2023	MBA
8.	Aisha Kamal, Nida Sultan, Shazia Siddiqui, Farhan Ahmad	Impact of Nitrogen Oxides on Tropical Plants	CRC Press	2023	Biotech
9.	Manisha Dubey, Priyanka Bajpayi, Anchal Yadav	Evaluation of the effect of oil extract of moringa, rosemary and neem plants on pathogenic bacteria	NA	2023	Pharmacy



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

D. PATENTS

S. No	Title	Inventor/s Name	Patent No.	Status/Date Granted	Department
1.	Broadcasting of Message Using social media in the Scenario of Emergency	Vandana Dubey et. al.	202311002492	Published/ 20 January 2023	Computer Science and Engineering
2.	A Method for Fault Tolerance in Fog Computing Network Using Classification and Replication	Priti Kumari et. al.	2022/12954	Granted/ 22nd February 2023	Computer Science and Engineering
3.	Teaching potential and difficulties with modern cloud computing in the digital humanities and in technical and professional communication	Sachin Kumar et.al	202341015454	Published 17/03/2023	Computer Science and Engineering
4.	A detachable Apparatus for Coloured-Blindness in ATM Machine	Vandana Dubey et. al.	6287788	Granted/ 15th Jun 2023	Computer Science and Engineering
5.	Effect of Surface Etchants on The Moisture Behaviour of Habara Fiber Fortified Composites	Farhan Ahmad	202341074386	Published 15/08/2023	Biotech



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(2022)

**DETAILS OF PUBLICATION IN JOURNALS
(2022)**

S.N	Author (s)	Title	Name of Journal/ Conference	Year	Department
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ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

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1.	V. Dubey et. al.	Implementation of Fuzzy Rule-Based Inference System for Adaptive Movie Recommendation System,	Computer Integrated Manufacturing Systems	2022	Computer Science and Engineering
2.	Sachin Kumar et.al.	Energy- efficient model “Inception V3 based on deep convolutional neural network” using cloud platform for detection of COVID-19 infected patients	Epidemiol. Methods 2023; 12(1): 20210046 https://doi.org/10.1515/em-2021-0046	2022	Computer Science and Engineering
3.	Sachin Kumar et.al.	Energy and Cost Efficient Pre-Trained Convolutional Neural Network (ResNet-50) Model for Tomato Disease Recognition Using Cloud Platform	NeuroQuantology	2022	Computer Science and Engineering
4.	Priti Kumari et. al.	Implementation of Fuzzy Rule-Based Inference System for Adaptive Movie Recommendation System	Computer Integrated Manufacturing Systems	2022	Computer Science and Engineering
5.	Sachin Kumar et.al.	COVID-19 Disease Detection using Pre-Trained Deep Convolutional Neural Network (GoogleNet) on Cloud Platform	NeuroQuantology	2022	Computer Science and Engineering
6.	Sachin Kumar et.al.	Energy Efficient Model for Cloud Computing	IJAEMA	2022	Computer Science and Engineering
7.	Kavita Patel et. al.	Energy and Cost Efficient Pre-Trained Convolutional Neural Network (ResNet-50) Model for Tomato Disease Recognition Using Cloud Platform	NeuroQuantology	2022	Computer Science and Engineering
8.	Rajesh Kumar, Shazia Usmani, Mehnaz Kamal, Brijesh Singh	Pharmaco-characterization, Antioxidant and cytotoxic Activity of Caesalpinia crista Linn. And its role in prevention of Cell Proliferation in MG-63 osteosarcoma cell lines	Latin American Journal of Pharmacy	2022	Pharmacy
	Rajesh Kumar, Shazia Usmani, Brijesh Singh, Om Prakesh	A comprehensive review on phyto-pharmacological perspectives of Pithecellobiumdulce (Roxb.) Benth	Annals of Phytomedicine	2022	Pharmacy
	Abhishek Kumar, Meenakshi Bharkatiya	Preparation and evaluation of floating micr beads for gastro retentive drug delivery system of antiulcer drug	International Journal of Pharmaceutical Sciences and Research	2022	Pharmacy



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

	Sakshi Mishra, Rohitas Deshmukh	Overview on advancement in biosensing technology including its applications in healthcare	Current Pharmaceutical Biotechnology	2022	Pharmacy
	Surbhi Gupta, AnubhavAnand	A review on nanogel/emulgelformulations of traditional medicines	Biological Sciences,	2022	Pharmacy
	Vishal srivastava, Asheesh , Vikash ,Navneet	Medicinal uses (Wound Healing) and Pharmacological Properties of chromolaena odorata : A review	Journal Medical and Pharmaceutical science	2022	Pharmacy
	Vishal srivastava, Vikash, Ravindra, Ankur	Disease of Nails (Fungal Infections) diagnosis and treatment (Nail Lacquer)	World Journal of Pharmacy and Pharmaceutical science	2022	Pharmacy
	Farhan Ahmad, Aisha Kamal	Crosstalk-interaction of Nitric oxide in plant growth and development under abiotic stres	Journal of Innovation in Applied Research	2022	Biotech
	Vishal Gupta Dr. Ashish Ranjan Sinha	Mckinsey's 7s principle and its inferences in Ramayana.	Journal of positive school of Psychology	2022	MBA
	Vishal Gupta Dr. Ashish Ranjan Sinha	Application of Leadership theories and model in Ramayana.	Turkish online Journal of Qualitative inquiry.	2022	MBA
PUBLICATION IN CONFERENCES					
9.	A.K.Maurya et.al.	Sensors Based Advanced Bluetooth Pulse Oximeter System	IESM	2022	Computer Science and Engineering
10	A.K.Maurya et.al.	Quantum computing a preliminary knowledge	IESM	2022	Computer Science and Engineering
11	A.K.Maurya et.al.	the study and analysis of customer behaviour for e-retaling using data mining techniques	IESM	2022	Computer Science and Engineering
12	A.K.Maurya et.al.	Natural language processing in todays world	IESM	2022	Computer Science and Engineering
13	A.Srivastava et.al.	Natural Language Processing in Today's	IESM	2022	Computer Science and Engineering
14	A.Srivastava et.al.	Sensors Based Advanced Bluetooth Pulse Oximeter System	IESM	2022	Computer Science and Engineering



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

15	A.Srivastava et.al.	Secure Computational Outsourcing: A Survey	IESM	2022	Computer Science and Engineering
16	A. Srivastava et.al.	The study and analysis of customer behavior for E-Retailing: Using Data Mining Techniques	IESM	2022	Computer Science and Engineering
17	A.Mukherjee et.al.	Quantum Computing: A Preliminary Knowledge	IESM	2022	Computer Science and Engineering
18	A.Mukherjee et.al.	Migration of Virtual Machines using Cloud Computing	IESM	2022	Computer Science and Engineering
19	A.Kumar et al	Sensor based advanced Bluetooth Pulse oximeter system	IESM	2022	Computer Science and Engineering
20	A.Kumar et al	Quantum Computing: A Preliminary Knowledge	IESM	2022	Computer Science and Engineering
21	S.Kumar et.al	Efficient Machine Learning Technique for Credit Card Fraud Detection	IESM-2022 Page No:44-47 ISBN:978-81-956917-0-8	2022	Computer Science and Engineering
22	S.Kumar et.al	Application of IOT in Education Sector	IESM-2022	2022	Computer Science and Engineering
23	S.Kumar et.al	Migration of Virtual Machines Using Cloud Computing	IESM-2022	2022	Computer Science and Engineering
24	S.Kumar et.al	Brain Tumour Detection from MRI Images Using Deep Learning Techniques	IESM-2022 Page No:319-323 ISBN:978-81-956917-0-8	2022	Computer Science and Engineering
25	S.Kumar et.al	Deep Learning Technique for Classification of Medical Images on Cloud Platform	NSESMP-2022	2022	Computer Science and Engineering
26	Kavita Patel et. al.	To Detect Spammer from Image-Based Spam E-mail through Adjacent-Duplicate Technique	IEEE International Conference on Knowledge Engineering and Communication	2022	Computer Science and Engineering



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

			Systems (ICKES)		
27	Kavita Patel et. al.	Migration of virtual machines using cloud computing	IESM	2022	Computer Science and Engineering
28	Kavita Patel et. al.	Application of IoT in Education Sector	IESM	2022	Computer Science and Engineering
29	Priti Kumari et. al.	Virtual Machine Replication in the Cloud Computing System Using Fuzzy Inference System	ICDAM	2022	Computer Science and Engineering
30	Priti Kumari et. al.	Comprehensive Study of Convolutional Neural Networks (CNN): Deep Learning Technique	IESM	2022	Computer Science and Engineering
31	Priti Kumari et. al.	Information Retrieval Using Data Structure	IESM	2022	Computer Science and Engineering
32	Priti Kumari et. al.	Conceptual Understanding of Deep Learning Theory and Techniques	IESM	2022	Computer Science and Engineering
33	Priti Kumari et. al.	Machine Learning based model for predicting failure of physical machines in the cloud computing	(FlexEV-2022), Springer	2022	Computer Science and Engineering
34	Priti Kumari et. al.	Nitty-Gritty of Machine Learning and It's Techniques	IESM	2022	Computer Science and Engineering
35	Priti Kumari et. al.	Blockchain Technology and Architecture: A Systematic Review	IESM	2022	Computer Science and Engineering
36	Priti Kumari et. al.	A Review on Recommendation System	IESM	2022	Computer Science and Engineering
37	Dr. Sana Fatma	Simultaneous Analysis of Anticancerous Drugs Using Reduced Graphene Oxide Ceramic Electrode Modified with One MoNo Doubly Imprinted Polymer	IESM	2022	Applied sciences and Humanities
38	Pradeep Kumar Maurya, Ajay Kumar Kushwaha	Discrete TimeMarkov Chain and its Application to System Reliability	IESM	2022	Applied sciences and Humanities



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

39	Dr. Uzma Javed	Fourth World literature in Africa	IESM	2022	Applied sciences and Humanities
40	Dr. Ashwamedh Mourya	A Quasi Conharmonic Curvature Tensor on Rienmannian Manifold	IESM	2022	Applied sciences and Humanities
41	Mr. Arjun Kumar & farhan Ahmad	Use of NMR in Disease Identification and Drug Design in Medical Health Care: A Metabolomics Approach	IESM	2022	Biotech
42	Pradeep K. Verma et al	Review Paper on Cognitive Radio Spectrum Sensing Techniques	IESM	2022	ECE
43	Kr. Arvind et al	Internet of Things: Fastness Concern and Their Strategies in Modern System	IESM	2022	ECE
44	Anuja Singh,	A Review: "Mellitus Care Using Artificial Intelligence and Machine Learning	IESM	2022	ECE
45	Sandeep Kumar	A Comprehensive Study on Sensors used in Flying Vehicle	IESM	2022	ECE
46	Gaurav Pandey,	Analysis of Predictable Global Warming using Machine Learning	IESM	2022	ECE
47	Gaurav Pandey,	WDM and DWDM Fiber Optic Communication System: A Review	IESM	2022	ECE
48	Mrs. Diksha Pandey,	A Novel Approach-Load Balancing with Fault Tolerant Technique to Solve Hidden Node Problem in MANETs	IESM	2022	ECE
49	Avinash Prasad et. al.	Optimal Placement and Co-ordinated control of green energy corridor in power system network	IESM	2022	EE
50	Somendra Banerjee et. al.	Speed control of hybrid electrical vehicle using FLC, PI and PID controller	IESM	2022	EE
51	Sandeep kumar singh et.al.	Performance analysis grid connected PV system with MPPT using non linear converter	IESM	2022	EE
52	Manu kumar et.al.	Renewable energy based optimal hybrid system for distributed power generation	IESM	2022	EE
53	Surendra Kushwaha	Comperative analysis of STATCOM and SSSC for improving power quality	IESM	2022	EE



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

54	Rajeev yadav et al	Thermal behavior and heat transfer analysis	IESM	2022	EE
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ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

B. BOOK OR BOOK CHAPTER

S. No	Author Name	Title of Book / Chapters	Details of Publisher	Year	Department
1	S.Kumar et.al	An Energy & Cost-Efficient Task Consolidation Algorithm for Cloud Computing Systems	Springer Nature Switzerland	2022	Computer Science and Engineering
2	S.Kumar et.al	Energy Efficient Model for Balancing Energy in Cloud Datacenters Using Dynamic Voltage Frequency Scaling (DVFS) Technique	Springer Nature Singapore	2022	Computer Science and Engineering
3	Kavita Patel et. al.	Education Sector an application of IoT	Notion Press	2022	Computer Science and Engineering
	Dr. Reena Baral, Prashant Pandey and Arpit Gupta	Post-Covid FMCG Marketing in India- An Analytical Study	Kanpur Philosophers	2022	MBA
4.	Farhan Ahmad Aisha Kamal	Sorghum: Role and Responses Under Abiotic Stress	Springer, Singapore	2022	Biotech



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

C. PATENTS

S. No	Title	Author Name	Patent No.	Date of Submission	Department
2.	System and method for automatic load balancing for cloud servers	Priti Kumari et. al.	202211064723	Published/ 02 December 2022	Computer Science and Engineering
3.	'A Smart System for Real Time Monitoring of Crop Fields Using Night Vision and Sonic Sensors	Priti Kumari et. al.	202211057696	Published/ 28 October 2022.	Computer Science and Engineering
4.	A Device and a Method for Designing Reversible Realization of 2:4 Decoder Circuit	Vandana Dubey et. al.	2022/05270	Granted/ 28 October 2022	Computer Science and Engineering
5.	"A Reversible Logic Circuit DSMT Gate"	Vandana Dubey et. al.	202211004045	Published/04 Feb 2022	Computer Science and Engineering
6.	Influence of KMnO ₄ treatment of moisture behavior of Inflorescence	Farhan Ahmad et al.,	(202341034840)	Published/04 April 2022	Biotech



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(2021)

A. DETAILS OF PUBLICATION IN JOURNALS

(2021)

S.No	Name of Faculty	Title	Name of Journal/ Conference	Year	Department
1.	Ramjeet Singh Yadav et al	A Case Study on Diagnostics of Medical Data Set to Detect the Outliers in Systolic Blood Pressure using Machine Learning Approach	Drugs and Cell Therapies in Hematology,	2021	Computer Science and Engineering
2.	Ramjeet Singh Yadav et al	A Study of Soft Computing Techniques in Chemical Reactions	INFOCOM Journal of Computer Science, (E-ISSN: 1982-3363), 20, 1, pp.121-131, (4 June, 2021)	2021	Computer Science and Engineering
3.	Ramjeet Singh Yadav et al	Mathematical Modeling and Simulation of SIR Model for COVID-2019 Epidemic Outbreak: A Case Study of India	INFOCOM Journal of Computer Science,	2021	Computer Science and Engineering
4.	Yadav RS et. al	A Case Study on Diagnostics of Medical Data Set to Detect the Outliers in Systolic Blood Pressure using Machine Learning Approach	Drugs and Cell Therapies in Hematology	2021	Computer Science and Engineering
5.	V. Dubey et. al.	Issues Confronted by Street Food Vendors During COVID-19 First Wave in India- Word Cloud Analysis	Webology	2021	Computer Science and Engineering
6.	V. Dubey et. al.	FPGA Implementation of Neural Network Digital Systems	Design Engineering	2021	Computer Science and Engineering
7.	V. Dubey et. al	Traffic Sign Detection and Recognition Using Deep learning based- Convolutional Neural Network Algorithm	Recent Trends in Electronics and Communication Systems	2021	Computer Science and Engineering
8.	P. Kumari et. al.	Check pointing Algorithms for Fault-Tolerant Execution of Large-Scale Distributed Applications in Cloud	Wireless Personal Communications	2021	Computer Science and Engineering



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

9.	P. Kumari et. al.	A survey of fault tolerance in cloud computing,	Journal of King Saud University-Computer and Information Sciences	2021	Computer Science and Engineering
10.	Uzma Javed	Clash Between Tradition and Modernity in Chinua Achebe's "Things Fall A Part",	JOURNAL OF INTERNATIONAL RESEARCH AND HUMANITIES ARTS AND SCIENCE,	2021	HAS
11.	Afreen shahid, farhan ahmad, Aisha Kamal	Bacterial bioremediation: Strategies adopted by microbial-community to remediate lead from the environment	Journal of Applied Biology and Biotechnology	2021	Biotech
12.	Ratna Singh , Ganesh Srivastava	Preparation and testing of Ampicillin based Ionic Liquids.	World Jouirnal of Pharmaceutical Research	2021	Pharmacy
13.	Surbhi Gupta , Anubhav Anand	A Review on Application of Emulgel in Dermatological Diseases	International Journal of Pharmaceutical Research and Applications	2021	Pharmacy
14.	Awanish k srivastava, N trilochana , Anubhav	Antiulcer effect of Agomilatin and its potention with pyrodoxine	Journal of Cardiovascular Disease Research	2021	Pharmacy
15.	Rajiv Kumar et al	A study on machinability aspects and parametric optimization of Inconel 825 using Rao1, Rao2, Rao3 approach	Materials Today: Proceedings	2021	Mechanical
PUBLICATION IN CONFERENCES					
16.	V. Dubey et.al.	Comparison of Diagnosis of Hypothyroidism by Detection of Anomaly in Hormonal Behavior Using Clinical Data with Different Artificial Intelligence Methods	ACTSE	2021	Computer Science and Engineering



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B. BOOK OR BOOK CHAPTER

S. No	Author Name	Title of Book / Chapters	Details of Publisher	Year	Department
	Dr. Ramjeet Singh Yadav	Application of soft computing techniques to calculation of medicine dose during the treatment of patient: a fuzzy logic approach	Publisher: Elsevier Science Publishing Co Inc	2021	Computer Science and Engineering
	V. Dubey et.al.	Delivering Green Supply Chain Using Blockchain Technology for Sustainable Environment: A Survey	Book Chapter, Springer, Print ISBN: 978-981-15-9926-2,	2021	Computer Science and Engineering
	V. Dubey et.al.	Study and Design of a Novel Half Adder Circuit Using QCA Gates with Optimized Parameters	Book Chapter, Springer	2021	Computer Science and Engineering
	Farhan Ahmad	Oxidative stress alleviation by modulation of the antioxidant system under environmental stressors	CRC Press	2021	Computer Science and Engineering



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A. DETAILS OF PUBLICATION IN SCI/REFEREED JOURNALS/CONFERNECE (CAA 2020-2021)

S.No	Name of Faculty	Title	Name of Journal/ Conference	Year	Department
1.	Ramjeet Singh Yadav et al	Data analysis of COVID-2019 epidemic using machine learning methods: a case study of India	International Journal of Information Technology	2020	Computer Science and Engineering
2.	Navin Mani Upadhyay, et al	Role of LIS Professionals to provide authentic information sources during COVID-19 a Pandemic crisis.	Library Philosophy & Practice	2020	Computer Science and Engineering
3.	Navin Mani Upadhyay, et al	Power aware routing in mobile ad hoc networks by using power aware matrices	Int. J. Comput. App	2020	Computer Science and Engineering
4.	P. Kumari et. al.	Topology-aware virtual machine replication for fault tolerance in cloud computing systems	Multiagent and Grid Systems	2020	Computer Science and Engineering
5.	P. Kumari et. al.	Connected Data Set-based Virtual Machine Replication in Cloud Computing,	International Journal of Performability Engineering	2020	Computer Science and Engineering
6.	A. Mohan et. al.	Review on remote sensing methods for landslide detection using machine and deep learning	Transactions on emerging telecommunication technologies, s	2020	Computer Science and Engineering
7.	P. Kumari et. al.	Connected Data Set-based Virtual Machine Replication in Cloud Computing,	International Journal of Performability Engineering	2020	Computer Science and Engineering
8.	V. Dubey et. al	Optimized Even/Odd Parity Generator/Checker Circuits with Reversible Logic Approach	International Journal of Advanced Science and Technology	2020	Computer Science and Engineering
9.	V. Dubey et. al	An Optimized QCA Implementation Approach for Half Adder Circuit	Journal of Xidian University	2020	Computer Science and Engineering



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10.	Farhan ahmad et al.,	Seed priming with gibberellic acid induces high salinity tolerance in Pisum sativum through antioxidant system, secondary metabolites and upregulation of antiporter genes	Plant Biology	2020	Biotech
11.	Farhan ahmad et al.,	Salicylic acid modulates antioxidant system defense metabolites, and expression of salt transporter genes in Pisum sativum under salinity stress	Journal of Plant Growth and regulations	2020	Biotech
12.	Farhan ahmad et al.,	Toxicity of pesticides to plants and non-target organism: A comprehensive review	Iranian Journal of Plant Physiology	2020	Biotech
13.	Ravi, Awasthi H. H., Dewidi K. Nalopecia	Indian Traditional medicine approach to	Manviki	2020	Pharmacy
14.	Sana Fatma, Bhim Bali Prasad, Swadha Jaiswal, Richa Singh, Kislay Singh	Electrochemical simultaneous analysis of dopamine and epinephrine using double imprinted One MoNomer acryloylated graphene oxide-carbon black composite polymer	Biosensors and Bioelectronics	2020	Applied science and Humanities
15.	S Jaiswal, R Singh, K Singh, S Fatma, BB Prasad	Enantioselective analysis of D-and L-Serine on a layer-by-layer imprinted electrochemical sensor	Biosensors and Bioelectronics	2020	Applied sciences and Humanities
16.	Sana Fatma, Bhim Bali Prasad, Kislay Singh, Richa Singh, Swadha Jaiswal	A reduced graphene oxide ceramic electrode modified with one MoNomer doubly imprinted acryloylated tetraamine cobalt phthalocyanine polymer for the simultaneous analysis of anticancerous drug	Sensors and Actuators B: Chemical	2020	Applied sciences and Humanities
17.	Dr.Uzma Javed, Dr.Mamta Upadhyay	Representation of corruption by chinua achebe's , "no longer at ease"	Journal of International Research And Humanities Arts and science	2020	Applied sciences and Humanities



ASHOKA INSTITUTE OF TECHNOLOGY & MANAGEMENT

PUBLICATION IN CONFERENCES					
1.	V. Dubey et.al.	Study of Cyber Security Threats in Today's Pandemic World	e-ICOTII	2020	Computer Science and Engineering
2.	Kumari soni et. al.	A Topology Based Address Selection Technique for Network Virtualization Environment	ICCAN 2019, Springer	2020	Computer Science and Engineering
3.	Priti Kumari et. al.	Virtual Machine Replication in the Cloud Computing System Using Fuzzy Inference System	ICDAM	2020	Computer Science and Engineering
4.	A. Mohan et. al.	Image Restoration of Landslide Photographs Using SRCNN	VCAS 2020, Springer	2020	Computer Science and Engineering



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B. BOOK OR BOOK CHAPTER

S. No	Author Name	Title of Book / Chapters	Details of Publisher	Year	Biotech
1	Farhan Ahmad, Ananya Singh, Aisha Kamal	Osmoprotective Role of Sugar in Mitigating Abiotic Stress in Plants	John Wiley & Sons Ltd	2020	Biotech
2	Aisha Kamal, Farhan Ahmad	Developing C4 rice for higher photosynthetic efficiency and environmental stress tolerance	Springer, Singapore	2020	Biotech
	Pallavi Singh	Study on Employee's prosperity at workplace	BHARATI PUBLICATIONS	2021	MBA