

Profile Page



Name : Dr Nisha Chaurasia
Designation : Assistant Professor Grade-i
Department : Information Technology
Qualification : PhD IT (ABV-IIITM Gwalior)
M. Tech. CSE (MITS Gwalior)
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Research Interests :

Cloud Computing, Data Mining, AI, IoT, Fog Computing, Edge Computing, Blockchain

Other Profile Links :

Google Scholar Link :

Dr. Nisha Chaurasia [Click Here](#)

Journal Publications :

Year	Journal	Publication
2021	Journal of Supercomputing, Vol. 77, pp. 11682-11737	Nisha Chaurasia, Mohit Kumar, Rashmi Chaudhary, Om Prakash Verma, Comprehensive Survey on Energy-Aware Server Consolidation Techniques in Cloud Computing
2018	The Computer Journal, Vol. 61 No. 1, pp. 95-104 Oxford University Press	Nisha Chaurasia, Shashikala Tapaswi, Joydip Dhar, A Resource Efficient Expectation Maximization Clustering Approach for Cloud
2017	International Journal of Multimedia and Ubiquitous Engineering, Vol. 12 No. 1, pp: 215-224, SERSC	Nisha Chaurasia, Shashikala Tapaswi, Joydip Dhar, Server Consolidation using a Dynamic Model Approach
2016	International Journal of Computer Science and Information Security (IJCSIS), Vol. 14 No. 10, pp. 117-122, Pittsburgh, USA.	Nisha Chaurasia, Shashikala Tapaswi, Joydip Dhar, A Pareto Optimal Approach for Optimal Selection of Virtual Machine for Migration in Cloud
2013	Current Research in Engineering, Science and Technology (CREST) Journals, Vol. 1 No. 5, pp: 129-134.	Mradul Dhakar, Nisha Chaurasia and Akhilesh Tiwari, Analysis of K2 based Intrusion Detection System
2013	International Journal Information Technology and Computer Science (IJITCS), Vol. 5 Issue 12, pp: 21-30, MECS Publishers.	Nisha Chaurasia, Akhilesh Tiwari, Efficient Algorithm for Destabilization of Terrorist Networks

2013	TECHNIA-International Journal Computing Science and Communication Technologies (IJCSCT), Vol. 6 No. 1, pp: 898-903.	Nisha Chaurasia, Akhilesh Tiwari, Novel Algorithm for Terrorist Network Mining
2012	International Journal of Computer Science and Engineering Survey (IJCSES), Vol. 3 No. 4, pp: 59-66.	Nisha Chaurasia, Mradul Dhakar, Akhilesh Tiwari and R. K. Gupta, A Survey on Terrorist Network Mining: Current Trends and Opportunities

Conference Publications :

Year	Conference	Publication
2021	2nd International Conference on Secure Cyber Computing and Communications (ICSCCC)	Sukhpreet Kaur, Nisha Chaurasia, Improved Green Cloud Computing with Reduce Fault in the Network: A Study
2021	2nd International Conference on Secure Cyber Computing and Communications (ICSCCC)	Anjali Patel, Nisha Chaurasia, A Systematic Review of Energy Consumption and SLA Violation Conscious Adaptive Threshold based Virtual Machine Migration
2021	International Conference on Artificial Intelligence and Smart Systems (ICAIS)	Sunil Kumar, Renu Dhir, Nisha Chaurasia,
2020	Future Technologies Conference 2019, pp. 670–681, 24-25 October 2019.	Charu Nigam, Mahima Narang, Nisha Chaurasia, Aparajita Nanda, M-Health Android Application Using Firebase, Google APIs and Supervised Machine Learning
2019	19th INBUSH ERA World Summit 2019 International Conference on Recent Trends in Engineering, Technology and Business Management (ICRTETBM 2019), February 2019.	Rukaiya Naim, Nisha Chaurasia, Analyzing the Concept of Priority Queue for Scheduling in Cloud Scenario
2016	IEEE Science and Information Conference (SAI) Computing Conference, London, U.K., pp. 553-556	Nisha Chaurasia, Shashikala Tapaswi, Joydip Dhar, An Over-utilization Avoidance Host Selection Scheme for Affording Workload of Migrated VM
2012	The Second International Conference on Computer Science, Engineering and Applications (CCSEA-2012), pp: 379-385.	Nisha Chaurasia, Mradul Dhakar, Astha Chharia, Akhilesh Tiwari and R. K. Gupta, Exploring the Current Trends and Future Prospects in Terrorist Network Mining

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISS N No.	Year
Book Chapter	Analyzing the Concept of Priority Queue for Scheduling in Cloud Scenario	Springer	Rukaiya Naim, Nisha Chaurasia	978-981-16-0037-1	2021
Book	High Performance Vision Intelligence: Recent Advances	Springer	Aparajita Nanda, Nisha Chaurasia	978-981-15-6844-2	2020
International	MHealth: Community based Android Application for Medical Services	Taylor and Francis	Mahima Narang, Charu Nigam, Nisha Chaurasia		2019
International	Deep Strategies in Computer Aided Diagnosis and Classification of Abnormalities in Medical Images	Taylor and Francis	Ankit Vidyarthi, Nisha Chaurasia, Shilpa Gundagatti		2019

International	On the use of Brokerage Approach to discover Influencing Nodes in Terrorist Networks	Springer	Nisha Chaurasia, Akhilesh Tiwari		2014
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Events Organized :

Category	Type	Title	Venue	From	To	Designation
STC	International	Cloud of Things: Theoretical and Practical Implications	Dr B R Ambedkar National Institute of Technology Jalandhar	10-08-2020	14-08-2020	Coordinator
STC	International	Soft Computing: Theories and Applications (SoCTA-2020)	Dr B R Ambedkar National Institute of Technology Jalandhar	14-09-2020	18-09-2020	Coordinator
e-FDP	International	Blockchain assisted Federated Machine Learning for Securing Big Data Analytics and IoT	Dr B R Ambedkar NIT Jalandhar	08-04-22	12-04-22	Coordinator
e-FDP	International	Artificial Intelligence for IoT Services in Cloud: Techniques & Applications	Dr B R Ambedkar NIT Jalandhar	28-02-22	04-03-22	Coordinator
e-FDP	International	IoT Induced Artificial Intelligence for Emerging Computing Paradigms	Dr B R Ambedkar NIT Jalandhar	04-10-22	08-10-22	Coordinator

PG Dissertation Guided :

Student Name	Dissertation Title	Status	Year	Co-Supervisor
Neha Gautam	Time based Life Prediction of Fruits using Deep Learning	Completed	2022	
Gaurav Tomar	Plant Health Detection using YOLO Approach	Completed	2022	
Anjali Patel	SLA and Energy Conscious Threshold based Virtual Machine Migration in Cloud Computing	Completed	2021	
Sukhpreet Kaur	Role of an Intelligent Water Drop Algorithm for improving the Quality of Service (QoS) in a Secure Google Cloud Platform	Completed	2021	
Rukiaya Naim	Design and Analysis of Cloud based PSO- MLFQ Scheduling Algorithm	Completed	2019	Dr. Taj Alam

Admin. Responsibilities :

Position Held	Organization	From	To
Coordinator-UG	Dr B R Ambedkar NIT Jalandhar	20-03-2021	till date