

Journals:

S. No.	Name of the faculty	Session	Title of the paper	Journal Name
1	Dr. Manish Shrivastava, Dr. Princy Matlani	April 2019	An Efficient Algorithm Proposed for Smoke Detection in Video Using Hybrid Feature Selection Techniques	Engineering, Technology & Applied Science Research
2	Dr. Princy Matlani & Dr. Manish Shrivastava	June 2020	Spatio temporal smoke detection using hybrid deep Q learning classifier for educating engineering students	IJEEE SAGE
3	Mr. Devendra Singh	2020	An evolutionary algorithm based Feature Selection fir Intrusion Detection System	Intercencia
4	Dr. Manish Shrivastava	2019	Green corridor: A self-learning and educating algorithm for engineers (industry/students) to send data in emergency situations through wireless sensor network	IJEEE SAGE
5	Dr. Manish Shrivastava	2019	Novel wireless charging algorithms to charge mobile wireless sensor network by using reinforcement learning	SN Apllied Sciences
6	Dr. Manish Shrivastava & Devendra Singh	2019	An evolutionary algorithm based Feature Selection fir Intrusion	Journal of Intercencia

			Detection System	
7	Dr. Manish Shrivastava & Dr. Princy Matlani	June 2019	Hybrid Deep VGG-NET Convolutional Classifier for Video Smoke Detection	CMES
8	Dr. Manish Shrivastava,	2018	NBDS - Network-Based Intrusion Detection System (To maintain and transmitting the log information without detecting encrypted packets)	International Journal of Pure and Applied Mathematics
9	Dr. Manish Shrivastava	2018	Crossover Combination - Exploiting the best of the Current Generation, Mutation or Randomisation	International Journal of Pure and Applied Mathematics
10	Mr. Nishant Behar	February 2019.	Machine Learning : An Effective Technique for Health Data Classification	International Journal of Computer science and Engineering
11	Mr. Nishant Behar	March 2019	A Review of Modified PCA Algorithm	Journal of Emerging Technologies and Innovative Research
12	Mr. Devendra Singh	Feb 2019	Novel approach for Intrusion Detection Using Back Propagation Algorithm	International Journal of Computer science and Engineering
13	Mr. Manjit Jaiswal	March 2019	A Reckoning Analysis and Assessment of Different Supervised Machine Learning Algorithm for Breast Cancer	International Journal of Computer science and Engineering

			Prediction	
14	Mr. Manjit Jaiswal	Feb 2019	A Deep Analysis and Efficient Implementation of Supervised Machine Learning Algorithms for Enhancing The Classification Ability of System	International Journal of Computer science and Engineering
15	Mr. Amit Baghel	Feb 2019	Capsule-Networks: Towards Object-Detection Capsule Object-Detector (COD)	International Journal of Computer science and Engineering
16	Mrs. Nishi Yadav	Feb 2019	Enhancement of stability in Manet using Proposed algorithm	International Journal of Computer science and Engineering
17	Mrs. Nishi Yadav	March 2019	A Survey on Cryptographic Algorithm and their implementation over advanced computer architecture	International Journal of Computer science and Engineering
18	Mrs. Nishi Yadav	March	Performance Analysis of different Operating System for Desktop Virtualization in VMware using RDP Protocol	International Journal of Computer science and Engineering
19	Mrs. Nishi Yadav	Sept 2018	Enhancement of security using T-RSA algorithm	
20	Mrs. Nishi Yadav	2017	An improved wormhole attack detection and prevention method for wireless mesh networks	International Journal on Future Revolution in Computer Science
21	Mrs. Nishi Yadav	Nov 2018	Comparative Exploration and analysis of AODV,DSDV and DSR for MANET	International Journal of Scientific Research in Computer Science Applications and

				Management Studies
22	Dr. Princy Matlani	2018	Real-time Indoor Theft Detection System Using Computer Vision	International Journal of Scientific Research in Computer Science, Engineering and Information Technology
23	Mr. Devendra Singh	2018	“Designing Intrusion Detection System Using Back Propagation Network and Evaluating Parameters”	International Journal of Computer Science and Engineering (IJCSE) Open Access
24	Mr. Devendra Singh	2018	Neural Network Based Intrusion Detection System and Attack Classification Using Back Propagation Algorithm	International Journal of Creative Research Thoughts (IJCRT), ISSN No: 2320-2882
25	Mr. Devendra Singh	Feb 2019	Novel approach for Intrusion Detection Using Back Propagation Algorithm	(IJCSE) open access, Vol-5, Issue-8, ISSN: 2347-2693
26	Mrs. Raksha Pandey	2017-18	Human Activity Recognition Using Accelerometer Data : A Survey	IJRIER
27	Mrs. Raksha Pandey	2018-19	Grid Computing: An Introduction of high Performance Computational Environment	JETIR
28	Mrs. Raksha Pandey	2017-18	AN INTRODUCTION TO GRID COMPUTING	TROINDIA
29	Mrs. Raksha Pandey	2017-18	An analysis of different	IJSRCSEIT

			scheduling approaches used in grid Computing	
30	Mrs. Raksha Pandey	2017-18	Various Techniques Used In Defect Segmentation And Disease Inspection In Fruits And Vegetables : A Survey	IJRASET
31	Mr. Amit Baghel	2017-18	Calorie Estimation from Fast Food Using Support Vector Machine”	International Journal on future revolution in Computer Science & Communication Engineering (IJFRCSCE)
32	Mr. Amit Baghel	2017-18	DETECTION OF WEED IN AGRICULTURAL FIELD USING FLOOD FILL ALGORITHM	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS ISSN: 2320-2882
33	Mr. Amit Baghel	2018-19	Capsule-Networks: Towards Object-Detection Capsule Object-Detector (COD)	International Journal of Computer science and Engineering eISSN 2347-2693
34	Mr. Satish Kumar Negi	2017-18	Security Issues and Solutions in Cloud Computing: A Review”,	International Journal on Future Revolution in Computer Science & Communication Engineering
35	Mr. Satish Kumar Negi	2017-18	A Comparison of AODV Routing	International Journal on Future

			Protocols to Prevent Black Hole Attack in Manet	Revolution in Computer Science & Communication Engineering
36	Mr. Satish Kumar Negi	2018-19	Comparison of Chess Engines: A Review	International Journal of Computer Sciences and Engineering
37	Mr. Nishant Behar	2018-19	A review of modified PCA techniques	Journal of Emerging Technologies and Innovative research (Ugc approved ,open access)
38	Mr. Manjit Jaiswal	18-19	A Reckoning Analysis and Assessment of Different Supervised Machine Learning Algorithm for Breast Cancer Prediction	IJCSE
39	Mr. Manjit Jaiswal	18-19	A Deep Analysis and Efficient Implementation of Supervised Machine Learning Algorithms for Enhancing The Classification Ability of System	IJCSE
40	Mr. Manjit Jaiswal	17-18	ANALYSIS AND IMPLEMENTATION OF PARALLEL AES ALGORITHM BASED ON T-TABLE USING	IJCRT

			CUDA ON THE MULTI CORE GPU	
41	Mr. Manjit Jaiswal	17-18	ACCELERATION OF AES ALGORITHM BASED ON CUDA-ARCHITECTURE MULTI-THREADED GPU USING IMPROVED T-TABLE AES ALGORITHM	IJCRT
42	Mr. Manjit Jaiswal	17-18	Mining The Social Web – Twitter, Multiclass Tweet Categorization Using Naïve Bayesian Classifier	IJCRT
43	Mr. Manjit Jaiswal	14-15	ACCELERATION ENHANCED BOYER-MOORE STRING MATCHING ALGORITHM ON MULTICORE GPU FOR NETWORK SECURITY	
44	Mr. Manjit Jaiswal	16-17	AN IMPROVED SHADOW HONEYPOT WITH PCA ALGORITHM TO ENHANCE ERROR HANDLING ON THE NETWORK	
		16-17	AN ENHANCED AES ALGORITHM BASED ON VARIABLE SBOX	

			AND 200 BIT DATA BLOCK	
45	Dr. Alok Kumar Singh Kushwaha	19-20	A Dual Stream Model for Activity Recognition: Exploiting Residual- CNN with Transfer Learning	Computer Methods in Biomechanics and Biomedical Engineering: Imaging
46	Dr. Alok Kumar Singh Kushwaha	19-20	Combining CNN Streams of Dynamic Image and Depth Data for Action Recognition in Real Time	Multimedia System, Springer
47	Dr. Alok Kumar Singh Kushwaha	18-19	Multi-View Human Activity Recognition System Based on Multiple Features for Video Surveillance System”, Multimedia Tools and Applications	Multimedia Tools and Applications, Springer
48	Dr. Alok Kumar Singh Kushwaha	18-19	Depth based Enlarged Temporal Dimension of 3D deep Convolutional Network for Activity Recognition	Multimedia Tools and Applications, Springer
49	Dr. Alok Kumar Singh Kushwaha	19-20	Fusing Dynamic Images and Depth Motion Maps for Action Recognition in Surveillance Systems	International Journal of Sensors, Wireless Communication s and Control (SWCC)
50	Dr. Alok Kumar Singh Kushwaha	17-18	Deep Learning Trends for Video Based Activity	International Journal of Sensors,

			Recognition: a Survey	Wireless Communications and Control (SWCC)
51	Dr. Manish Shrivastava	18-19	Novel Learning Algorithms for Efficient Mobile Sink Data Collection Using Reinforcement Learning in Wireless Sensor Network	Wireless Communications and Mobile Computing
52	Mrs. Nishi Yadav	2018	An Improved Wormhole Attack Detection and Prevention Method for Wireless Mesh Networks	IJFRCSE ISSN: 2454-4248
53	Mr. Nishant Behar	July 2009	Concurrent solution of SPMD problem using MATLAB	Journal of Advanced research in computer Engineering 3(2)
54	Mr. Nishant Behar	2012	Secure Handshake in WiFi connections	International journal of electronics and computer engineering
55	Mr. Nishant Behar	2012	Enhanced dynamic encryption Algorithm	International journal of Mathematical sciences
56	Mr. Nishant Behar	June 2016	Improved Algorithm for dynamic memory allocation in the cloud computing	Trans-stellar 6(3)
57	Mr. Nishant Behar	April 2016	STF-energy efficient scheduling algorithm for WSN	International journal of innovative research in computer and communication engineering (IJRCCE) 4(4)

58	Mr. Nishant Behar	March 2017	Review of Medical Image mining using datamining	International journal of innovative research in computer and communication engineering (IJIRCCE) 5(3)
59	Mr. Nishant Behar	March 2017	A survey on IoT security threats and solutions	International journal of innovative research in computer and communication engineering 5(3)
60	Mr. Pushpendra Chandra	2018	Security Issues and Solutions in Cloud Computing:A Review	International Journal on Future Revolution in Computer Science & Communication Engineering
61	Mr. Pushpendra Chandra	2018	A Comparison of AODV Routing Protocols to Prevent Black Hole Attack in Manet	International Journal on Future Revolution in Computer Science & Communication Engineering
62	Mr. Pushpendra Chandra	2017	Task Scheduling Algorithm in Cloud Computing:A Review	International Journal of Advances in Electronics and Computer Sciences(IJA ECS)
63	Dr. Manish Shrivastava	2020	An evolutionary algorithm based feature selection for intrusion detection system	Interciencia Journal Vol 45 No 04 year 2020-04-30 April
64	Dr. Manish Shrivastava	2017	IOT Based Home Automation system – A Predictive & Qualitative Gesture Analysis	ITSI Transactions on Electrical and Electronics Engineering (ITSI-TEEE) volume -5, Issue

			Dr. Manish Shrivastava based Approach Pp 30- 34	3-4, 2017
65	Dr. Manish Shrivastava	2018	A SURVEY OF REINFORCEMENT LEARNING TECHNIQUES IN THE CONTEXT OF WIRELESS SENSOR NETWORK Pp 1012- 1015	International Journal of Creative Research Thoughts volume 6, Issue 1, February 2018
66	Dr. Manish Shrivastava & Dr. Princy Matlani	2018	Real-time Indoor Theft Detection System Using Computer-Vision Pp 791-794	International Journal of Scientific Research in Computer Science, Engineering and Information Technology IJSRCSEIT Volume 3 Issue1 2018
67	Dr. Manish Shrivastava	2018	Improving Wireless Sensor Network's Performance Through Intelligent Sensor Reinforcement Learning Algorithm (ISRLA) Pp 1052 – 1056	International Journal of Creative Research Thoughts volume 6, Issue 1, February 2018
68	Dr. Manish Shrivastava	2017	An IoT based Approach to make a City SMART by minimizing pollution Pp 21 – 25	ITSI Transactions on Electrical and Electronics Engineering (ITSI-TEEE) volume -5, Issue 3-4, 2017
69	Dr. Manish Shrivastava	2017	Qualitative Software Metric	ITSI Transactions on Electrical and Electronics

			System – a novel approach Pp 17- 20	Engineering (ITSI-TEEE) volume -5, Issue 3-4, 2017
70	Dr. Manish Shrivastava	2018	Crossover Combination - Exploiting the best of the Current Generation, Mutation or Randomisation	International Journal of Pure and Applied Mathematics volume 118, No19, 2018
71	Dr. Manish Shrivastava	2018	NBDS - Network-Based Intrusion Detection System <i>(To maintain and transmitting the log information without detecting encrypted packets)</i>	International Journal of Pure and Applied Mathematics volume 118, No19, 2018
72	Dr. Manish Shrivastava	2017	Vision Based Smoke Detection Pp 61 – 66	Review of Business and Technoloy Research, Volume 14. Number 2. 2017 63175
73	Dr. Manish Shrivastava	2017	Intelligent Sensor Networking Algorithm Based Upon Q- learning Pp 116 – 120	Review of Business and Technoloy Research, Volume 14. Number 2. 2017 63175
74	Dr. Manish Shrivastava	2017	Various Techniques of Reinforcement Learning for implementing Wireless Sensor Network	International Journal of Creative Research Thoughts (IJCRT) (RAC2B) - 2017
75	Dr. Manish Shrivastava	2017	An Improved Version of SAFER+ Algorithm Pp 1431-1440	International Journal of Computational Intelligence Research, Volume 13, Number 6 (2017)

76	Dr. Manish Shrivastava	2017	A New 128-Bit Block Cipher Algorithm Pp 1243-1259	International Journal of Computational Intelligence Research, Volume 13, Number 5 (2017), pp. 1243-1259
77	Dr. Manish Shrivastava	2016	Transcend Viewer Pp 1208 - 1211	International Journal of Advanced Engineering, Management and Science (IJAEMS) Vol-2, Issue-8, Aug- 2016
78	Dr. Manish Shrivastava	2016	Content Based Symmetric Key Algorithm Pp 222 – 227	Procedia Computer Science, Published by Elsevier, International Conference on Computational Modeling and Security (CMS 2016) 2, june 2016
79	Dr. Manish Shrivastava	2015	Evaluation of different software based approaches for Deep Packet Inspection Pp 31-38	IJISET - International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 5, May 2015.
80	Dr. Manish Shrivastava	2016	Energy analysis of LEACH & DIRECTED DIFFUSION Protocols using NS2.34 Pp 1-6	International Journal of Innovations & Advancement in Computer Science IJIACS Volume 4, Special Issue

				March 2015
81	Dr. Manish Shrivastava	2015	Video Steganography using Pixel Intensity Value and LSB Technique Pp 287– 290	International Journal on Recent and Innovation Trends in Computing and Communication Volume: 3 Issue: 2 February 2015
82	Dr. Manish Shrivastava	2015	Threats and Security Aspects of IPv6 Pp 51-55	Global Journal of Computers & Technology, (GJCT) Vol. 1, No. 2, February 16, 2015
83	Dr. Manish Shrivastava	2014	Demonstrable Rapid And Scalable Protection Triple Key Encryption With Fine-Grained Data Access Control For Records In Multiuser Cloud Environments Pp 24 - 33	Journal of Global Information Technology Vol 9, No 1-2, 2014
84	Dr. Manish Shrivastava	2014	DNS Server Cryptography Using Symmetric Key Cryptography Pp 21-25	International Journal of Innovations & Advancement in Computer Science, Volume 3, Issue 8 October 2014 IJIACS Volume 3, Issue 8 October 2014
85	Dr. Manish Shrivastava		Analysis of Security Risks in Bluetooth. pp 88-95	International Journal of Computing Academic Research (IJCAR) Vol. 1, No. 2 December 2012
86	Dr. Manish Shrivastava	2012	Reducing the Need of Travel through ICT	<i>IRACST - International Journal of</i>

			Pp 1262 - 1265	<i>Computer Science and Information Technology & Security (IJCSITS), Vol. 2, No.6, December 2012</i>
87	Dr. Manish Shrivastava	2012	XOR Operated Visual Cryptography Pp 341-346	Mathematical Sciences International Research Journal (MSIRJ) <i>Vol. 1, No.1, 2012</i>
88	Dr. Manish Shrivastava	2012	Analytical Study of Different Classification Technique for KDD Cup Data'99 Pp 5-9	<i>International Journal of Applied Information Systems (IJ AIS) Foundation of Computer Science FCS, New York, USA Volume 3– No.6, July 2012</i>
89	Dr. Manish Shrivastava	2012	A Multifactor Authentication Security Protocol to Prevent Risks posed by Phishing, For Internet Based Online Payment System Pp 114-118	Journal of Computing, volume 4, issue 2, Feb. 2012.
90	Dr. Manish Shrivastava	2011	Password Authentication Method Using Keystroke Biometric Pp 125-129	Journal of Computing, volume 3, issue 6, june 2011.
91	Dr. Manish Shrivastava	2009	A New Approach for Tree-Structured Wavelet Transform Based Texture Retrieval Analysis (TRA) by Using Matlab	CiiT International Journal of Digital Image Processing , November 2009
92	Dr. Manish Shrivastava		Secure Communication Solution for your Distributed Application	Vikram Mathematical
93	Mr. AMit Baghel	2010	Performance of AODV and DSR in presence of Malicious Nodes	IJRRCS

94	Mr. Amit Baghel	2013	Finding Newframework for Resolving Problems in Various Dimensions by the use of ES	Innovative system design and Engineeringh
95	Mr. Amit Baghel	2016	Image Denoising Using New Double 2D Based Median Filter	IJCRT
96	Mr. Amit Baghel	2010	Analysis of AODV and DSR in presence of Wormhole Attack in Mobile AD-hoc Network	International Journal of Engineering Science & Technology

International Conference:

S. No.	Name of the faculty	Session	Title of the paper	Conference detail
01	Dr. Princy Matlani	2017	A Survey On Video Smoke Detection	ICT4SD
02	Dr. Princy Matlani	2017	Vision-Based Smoke Detection	MTMI Dubai
03	Dr. Princy Matlani	2013	A cloud computing based Telemedicine service	IEEE PHT Bangalore
03	Mr. Devendra Singh	2018	“A Detail Analysis of KDD 1999, NSL KDD 1999 and GureKDD Dataset of Intrusion Detection System”	BITCON 2018 International Journal of Advanced in Management, Technology and Engineering, ISO: 7021-2008 Certified Journal, ISSN No: 2249-7455 www.ijamtes.org BIT, DURG (CG)
04	Mr. Devendra Singh	2019	Novel Intrusion Detection System based on Particle Swarm optimization Algorithm with Extreme Learning Machine,	MTMI International Conference At Avanti Palms Resort and Conference Center, ORLANDO, FLORIDA, USA
05	Mr. Devendra Singh	Jan 2020	Hybrid Model of Intrusion Detection System Based on	ICIRSMT-2020 International Conference on

			External Learning Machine	Innovative Research In Science and Management And Technology
06	Mrs. Raksha Pandey	2017-18	An Efficient Resource Scheduling Algorithm Using Dynamic priority in Grid Computing	IEEE
07	Mrs. Raksha Pandey	2017-18	Human Activity Recognition using Accelerometer Sensor data	IEEE
08	Mrs. Raksha Pandey	2019-20	Role of Grid Computing	ICIRSMT
09	Mr. Satish Kumar Negi	2017-18	Task Scheduling Algorithms in Cloud Computing: A Review	ASAR International Conference, Chennai 24 December 2017
10	Mr. Satish Kumar Negi	2017-18	Comparison of Chess Engines: A Review”,	MTMI International Conference, Atal Bihari Vajpayee University, Bilaspur (C.G.), Jan 2018.
11	Mr. Satish Kumar Negi	2019-20	A Comparative Study Of Individual Routing Mechanisms For Mobile Sink In Wireless Sensor Network	MTMI International Conference, Atal Bihari Vajpayee University, Bilaspur (C.G.), Jan 2020.
12	Mr. Nishant Behar	2019-20	Selection of effective classification technique for Parkinson disease by comparative evaluation of performance of different models	2019 MTMI, international conference held at Mauritius On 20-22 Dec 2019
13	Mr. Nishant Behar	2017-18	Communication : A review on Indian Perspective	ICBR2017 Bharat Rejuvenation hld at 15-17 oct 2017 at bilapur(India)
14	Mr. Nishant Behar	2018-19	Machine Learning : An	ICIRSMT-2018, Collaboration with

			effective technique for health data classification)	BU bilaspur,MTMI USA and University of Maryland and frostburg,USA during 4-5 August 2018,(UGC published,open access)
15	Dr. Alok Kumar Singh Kushwaha	19-20	Analysis of double compression detection in a video	IEEE- ISCON
16	Dr. Alok Kumar Singh Kushwaha	18-19	“A Comparative study of various Video Tampering detection methods	First International Conference on Secure Cyber Computing and Communications
17	Dr. Alok Kumar Singh Kushwaha	18-19	Deep Learning Approaches for Human Activity Recognition in Video Surveillance - A Survey	First International Conference on Secure Cyber Computing and Communications
18	Dr. Alok Kumar Singh Kushwaha	18-19	Temporal Extension of 3D convolution on Depth Sequences for Activity Recognition	4th International Conference on Computing, Communication, Control And Automation (ICC3A-2018)
19	Dr. Alok Kumar Singh Kushwaha	17-18	Multiclass Object Recognition and Classification using Boosting Technique	IEEE 9th international conference on computing, communication and networking technologies (ICCCNT)
20	Dr. Alok Kumar Singh Kushwaha	17-18	Delving Deeper with Dual-Stream CNN for Activity Recognition	International Conference on Emerging Trends Communication, Computing and Electronic
21	Dr. Manish Shrivastava	2018-19	Impact of Various Networks Security Attacks on Wireless Sensor Localization Algorithms Based upon WSN Node's	International Conference on Recent Advancement on Computer and Communication

			Residual Energy	
22	Mrs. Nishi Yadav	2018-19	Secure Data Transfer by Implementing Mixed Algorithms	5th ICACNI 2017, Volume 1
23	Mrs. Nishi Yadav	2018-19	Enrichment of Security Using Hybrid Algorithm	International Conference on Computer Networks and Communication Technologies
24	Mrs. Nishi Yadav	2018-19	Implementation of Open Shortest Path First Version 3 (OSPFv3) with Encryption and Authentication in IPv6 Network	International Conference on Computer Networks and Communication Technologies
25	Mrs. Nishi Yadav	2019-20	An EHSA for RSA Cryptosystem	Advances in Data and Information Sciences Proceedings of ICDIS
26	Mrs. Nishi Yadav	2019-20	Enhancement of Security using B-RSA Algorithm	Inventive Communication and Computational Technologies.
27	Mrs. Nishi Yadav	2019-20	Blackhole Attack Implementation and Its Performance Evaluation Using AODV Routing in MANET	Inventive Communication and Computational Technologies
28	Mrs. Nishi Yadav	2019-20	Impact on Security Using Fusion of Algorithms	International Conference on Innovative Data Communication Technologies and Application

29	Mrs. Nishi Yadav	2018-19	Enhancement of Cloud Security and Strength of Service Using Trust Model	International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI)
30	Mr. Manjit Jaiswal	2016-17	AN ENHANCED AES ALGORITHM USING CASCADING METHOD ON 400 BITS KEY SIZE USED IN ENHANCING THE SAFETY OF NEXT GENERATION INTERNET OF THINGS(IOT)	
31	Mr. Manjit Jaiswal	2016-17	AN ADVANCED AES ALGORITHM USING SWAP AND 400 BITS DATA BLOCK WITH FLEXIBLE S-BOX IN CLOUD COMPUTING	
32	Mr. Manjit Jaiswal	2019-20	Effectively Diagnosing Malaria by Optimizing the Hyperparameters of CNN using Genetic Algorithm on the Multi core GPU	
33	Mr. Manjit Jaiswal	2021-22	Detecting spam e-mails using stop word TF-IDF and stemming algorithm with Naïve Bayes classifier on the multicore GPU	
34	Mr. Vaibhav Kant Singh	2017	Analysis of stability and convergence on perceptron convergence algorithm	
35	Mr. Vaibhav Kant Singh	2017	Designing simulators for various VLSI design using the proposed artificial neural network model TRIVENI	

36	Mr. Vaibhav Kant Singh	2016	Proposing a new algorithm for CPU scheduling	
37	Mr. Vaibhav Kant Singh	2015	Secured Data Packet transmission by using the RGB color coding technique for computer network	
38	Mr. Vaibhav Kant Singh	2015	Proposing BPN based IDS for security in cloud	
39	Mr. Vaibhav Kant Singh	2015	Proposing pattern growth method for frequent pattern mining on account of its comparison made with the candidate generation and test approach for a given dataset	
40	Mr. Vaibhav Kant Singh	2016	Proposing an XNOR solution using ANN	
41	Mr. Vaibhav Kant Singh	2016	Proposing solution to XOR problem using Minimum Configuration MLP	
42	Mr. Vaibhav Kant Singh	2016	Proposing a new ANN model for solving XNOR Problem	
43	Mr. Nishant Behar	2011	Current status and future scope of ICT in chattisgarh state	International Conference at GGV Bilaspur
44	Mr. Nishant Behar	2020-21	A performance Evaluation of machine learning algorithms for detection of breast cancer using blood routine analysis	International American Institute of Management & Tech (AIMT-2021),USA
45	Mr. Pushpendra Chandra	2017-18	Task Scheduling Algorithms in Cloud Computing: A Review	ASAR International Conference, Chennai 24 December 2017
46	Dr. Manish Shrivastava	2017	Communication in india : Pigeons to smart phones	International Conference on BHARAT REJUVENATION

				ICBR 2017
47	Dr. Manish Shrivastava	2020	Energy Optimization in WSN by using RL Methods	International Conference on Innovative Research in Science, Management and Technology ICIRSMT-20
48	Dr. Manish Shrivastava	2014	Performance Analysis of WSN localization Algorithm based upon Residual Energy	International Conference on High Performance Computing and Applications
49	Dr. Manish Shrivastava	2012	ICT for safe, clean and smart mobility	International Conference on Innovation & Research in Technology for Sustainable Development (ICIRTSD – 2012)
50	Dr. Manish Shrivastava	2008	Analysis of data structures for sparse matrix models	Tenth conference of international academy of physical science (CONIAPS – X)
51	Dr. Manish Shrivastava	2012	A middleware architecture supporting seamless and secure multimedia services over mobile ad hoc networks	International Conference on Intelligent Computing and Information System (ICICIS -2012)
52	Dr. Manish Shrivastava	2012	Unsupervised Segmentation of US liver Images	International Conference on Intelligent Computing and Information System (ICICIS -2012)

National Conference:

S. No.	Name of the faculty	Session	Title of the paper	Conference detail
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01	Mr. Devendra Singh	2018	An Enhance the security-based algorithm based on the Global Positioning System to Secure the Server data via satellite mechanism	SERSERB SPONSORED On Data Analytics, Machine Learning and Security
02	Mr. Nishant Behar	2018	A study of the bagging technique on the breast cancer detection	Data analytics, Machine Learning and security held during 15-16 feb 2018
03	Mr. Vaibhav Kant Singh	2015	Vector space model: an information retrieval system	
04	Mr. Vaibhav Kant Singh	2016	Introducing Data Mining as an efficient mechanism for Library management	
05	Mr. Vaibhav Kant Singh	2016	A survey on basic learning algorithms to train ANNs	
06	Mr. Vaibhav Kant Singh	2016	Construction of Logic Gates using Single node: An ANN Implementation	
07	Mr. Vaibhav Kant Singh	2015	A new approach towards security "Multiple Digital Signature"	
08	Mr. Vaibhav Kant Singh	2017	Classification of activation function artificial neurons used in ANN	
09	Mr. Vaibhav Kant Singh	2015	Multilayer Perceptron for XOR Problem	
10	Mr. Vaibhav Kant Singh		Mathematical Explanation to Solution for Ex-NOR problem using MLFFN	
11	Nishant Behar	2015	A review on Bluetooth security vulnerabilities a	IRSMT 2015 Sponsored by CGCost

			proposed prototype against MITM attack	29-30 march 2015 Bilaspur university
12	Nishant Behar	2012	Secure Handshake in WiFi connections(A secured and enhanced communication protocol)	28 jan2012 Advance computing and communication Tech,CEC,Bilaspur
13	Mr. Nishant Behar	2004	Commonsense : Machine with difference	17-18 april 2004 Technologia 2004 Technical paper contest and seminar National seminar at MP Christian collece of Engineering ,Bhilai(CG)
14	Mr. Nishant Behar	2004	Software effort estimation	17-18 april 2004 Technologia 2004 Technical paper contest and seminar National seminar at MP Christian collece of Engineering ,Bhilai(CG)
15	Mr. Nishant Behar	2007	Mathematical Modelling in software reliability	6-7 jan 2007 Technology for sustainable development-perspectives and strategies National conference at ITGGV, GGV ,Bilaspur(cG)
16	Mr. Nishant Behar	2012	Solving water scarcity in agriculture	26 feb 2012 Conference presentation ,CEC,Bilaspur (CG)
17	Mr. Nishant Behar	2013	Enhanced user authentication and secured transactions over ATMs	12-13 sept 2013 Conference presentation ,”vimarsh”,CEC,Bilaspur (CG)
18	Dr. Manish Shrivastava	2015	A Review on Bluetooth Security Vulnerabilities of a Proposed Attack	Innovation and Research in Science, Management and

				Technology (IRSMT-2015)
19	Dr. Manish Shrivastava	2015	Performance of Secure Mobility Prediction localization algorithm in various attacks	Innovation and Research in Science, Management and Technology (IRSMT-2015)
20	Dr. Manish Shrivastava	2014	Performance Analysis of WSN localization Algorithm based upon Residual Energy	International Conference on High Performance Computing and Applications
21	Dr. Manish Shrivastava	2013	Unidirectional Transmission is safe in Mobile Tower Transmission after find the location of Mobile	National Conference VIMARSH 2013 on Computer Science
22	Dr. Manish Shrivastava	2013	Enhanced User Authentication & Secured Transaction over ATMs	National Conference VIMARSH 2013 on Computer Science
23	Dr. Manish Shrivastava	26-27 February 2012	Solution to the Problems Associated with Copyright Protection of Multimedia Data	National Conference on Management Encounters “New Challenges for Globalization”
24	Dr. Manish Shrivastava	27-28 January 2012	Intelligent Total Equipment Control System to Work on your Farm	National Conference on Advanced Computing & Communication Technologies
25	Dr. Manish Shrivastava	January 2008	Analysis of data structures for sparse matrix models	Tenth conference of international academy of physical science (CONIAPS – X)
26	Dr. Manish Shrivastava	February 2008	Spatial information over Internet : Issues and Challenges	National Conference on Information Security : Practices and Challenges
27	Dr. Manish Shrivastava	February 2008	On the order of convergent by positive	National Conference on Information

			linear operators of dielectric materials under the governance high pressure and their reliability attributes	Security : Practices and Challenges
28	Dr. Manish Shrivastava	February 2008	Smart cards for Security System Access	National Conference on Information Security : Practices and Challenges
29	Dr. Manish Shrivastava	February 2008	The information retrieval from the multi-lingual web search engine	National Conference on Information Security : Practices and Challenges
30	Dr. Manish Shrivastava	January 2007	Security Risks you need to Aware	National Seminar on Technology for Sustainable Development – Perspective & Strategies
31	Dr. Manish Shrivastava	January 2007	Discrete structure and its application in computer science, engineering and technology	National Seminar on Technology for Sustainable Development – Perspective & Strategies
32	Dr. Manish Shrivastava	January 2007	Deduce – A deductive query language for Relational data bases on Fuzzy controllers	National Seminar on Technology for Sustainable Development – Perspective & Strategies
33	Dr. Manish Shrivastava	January 2007	Embedded system in communication	National Seminar on Technology for Sustainable Development – Perspective & Strategies
34	Dr. Manish Shrivastava	January 2006	The Role of Cryptography in Data Security	National Conference on Cyber Security, Datamining and ICT

35	Dr. Manish Shrivastava	January 2006	Network on a chip : Modelling wireless Network with Asynchronous VLSI	National Conference on Cyber Security, Datamining and ICT
36	Dr. Manish Shrivastava	December 2005	Net University a boon of Information Communication Technology	Multi disciplinary approach of Computer Science in Higher Education

BOOK CHAPTERS:-

S. No.	Name of the faculty	Session	Title of the paper	Book Editor
01	Mrs Nishi Yadav	2018	An EhSA for RSA Cryptosystem	
02	Mrs. Nishi Yadav	2020	Blackhole attack implementation	
03	Mrs. Nishi Yadav	2016	EEE AODV in Manet	
04	Mrs Nishi Yadav	2018	Enhancement of cloud security	
05	Mrs. Nishi Yadav	2017	An improved hierarical adaptive	
06	Mrs. Nishi Yadav	2020	Enhancement of Security using B-Rsa Algorithm	
07	Mrs. Nishi Yadav	2018	Enhancement of security using Hybrid algorithm	
08	Mrs Nishi Yadav	2020	Impact of security using Fusion of Algorithm	
09	Mrs. Raksha Pandey	2018-19	Grading and Defect Detection in Potatoes Using Deep Learning	CNC Springer
10	Mrs. Raksha Pandey	2018-19	An Enhanced Round-Robin-Based Job Scheduling Algorithm	Springer ICCNCT

			in Grid Computing	
11	Mrs. Raksha Pandey	2019-20	Emotion Recognition of Facial using convolution neural network	ICIDCA Springer
12	Mrs. Raksha Pandey	2019-20	Comparative study of job scheduling algorithms in Grid Computing	ETAERE Springer
13	Dr. Princy Matlani	2018	A Survey On Video Smoke Detection	ICT4SD Springer Nature
14	Dr. Manish Shrivastava	2016	Impact of Various Network Security Attacks on Wireless Sensor Localization algorithm Based upon WSN node's Residual Energy	Lecture Notes in Network Systems, Springer Nature Singapore
15	Dr. Manish Shrivastava	2016	A SMOKE DETECTION ALGORITHM BASED ON K-MEANS SEGMENTATION Pp 301 – 305 16	IEEE Xplore ICALEIP 2016 China
16	Dr. Manish Shrivastava	2018	A SURVEY ON VIDEO SMOKE DETECTION Pp 211 – 222	Lecture Notes in Network Systems, volume 9 Springer Nature Singapore
17	Dr. Manish Shrivastava	2015	Energy Control and Performance Improvement in Wireless Mesh Network through Multipath AODV PP 20-24	International Journal of Research Studies in Computer Science and Engineering (IJRSCSE) Proc. of the IRSMT-2015, Bilaspur University, Bilaspur
18	Dr. Manish Shrivastava	2012	Improvement on Exiting Indian EVMs Pp 157 – 161	IPCSIT vol. 37 (2012) © (2012) IACSIT Press, Singapore
19	Dr. Manish Shrivastava	2011	PANCH~VAKTRAM A WEB BROWSER WITH A SPOOF	ASME, Press, New York Volume: 1,

			GUARD TECHNOLOGY PP 487 – 491	(ICCTD-2011)
20	Dr. Manish Shrivastava	2012	Unsupervised Techniques of Segmentation on Texture Images : A Comparison	IEEE Xplore International Conference on Signal Processing, Computing and Control (2012 IEEE ISPCC)
21	Dr. Manish Shrivastava	2009	A New Algorithm for Voice Signal Compression(VSC) & Analysis Suitable for Limited Storage Device Using Matlab Pp 227-231	IEEE Xplore 2009
22	Dr. Manish Shrivastava	2009	Voice Signal Compression and Spectrum Analysis(VSCSA): Suitable For Pervasive Computing and Limited Storage Devices Using MatLab Pp 780-784	IEEE Xplore 2009