

**Please add these Publications to respective faculty members.**

**New Faculty**

1. Faculty Name:- Dr. Deepak Chandra Uprety
2. Faculty Name:- Dr. S. Shanthini

Name of Department:- Computer Science & Technology

Designation:- Associate Professor

Designation:- Associate Professor

**List of Research Papers Published in National/International Journals**

Name of Department:- Computer Science & Technology

Faculty Name:- Dr. Randeep Singh

Designation:- Professor

S.No	Title of Research Papers	Journal Name	Vol. /Issue	ISSN No.	Year of Publication	SCI/SCOPUS/WOS/UGC Care
1.	“Investigating a Comprehensive IoT Security Solution Based on Blockchain”, 6th International Conference on Advanced Informatics for Computing Research (ICAICR-2023), Springer, Rohtak, Haryana, India, 16 & 17 <sup>th</sup> Dec 2023.[Scopus].	ICAICR			2023	Springer
2.	“Exploring an Ensemble Classifier Approach for Predicting Crop Yields in India Using Climate Variability Data”, 6th International Conference on Advanced Informatics for Computing Research (ICAICR-2023), Springer, Rohtak, Haryana, India, 16 & 17 <sup>th</sup> Dec 2023.[Scopus]	ICAICR			2023	Scopus
3.	“Do Software Refactoring Reflects Developers’ Perception about Software’s Code Smells and Its Quality: An Empirical Study”, 6th International Conference on Advanced Informatics for Computing Research (ICAICR-2023), Springer, Rohtak, Haryana, India, 16 & 17 <sup>th</sup> Dec 2023.[Scopus]	ICAICR			2023	Scopus
4.	“Applying Machine Learning Techniques in Liver Disease Detection: A Comprehensive Review”, Neuroquantology, 20(22), 2023. [Scopus].				2023	Scopus
5.	“Improving Software Modularity Using Software Remodularization: Challenges and Opportunities”, 2nd International Conference on Advances in Computing, Communication and	ITM Web of Conferences			2023	WOC

	Security (I3CS2023), NIT, Kurukshetra, India, 01 June to 03 June 2023, ITM Web of Conferences 54, 01008 (2023). [WoS					
6.	“E-Commerce User Product Rating Analysis: A Review of Deep Learning Models”, <b>Journal of Data Acquisition and Processing, 38(3), 2023. [Scopus].</b>	JDAP			2023	Scopus
7.	“Exploring an Ensemble Classifier Approach for Predicting Crop Yields in India Using Climate Variability Data”, 6th International Conference on Advanced Informatics for Computing Research (ICAICR-2023), Springer, Rohtak, Haryana, India, 16 & 17 <sup>th</sup> Dec 2023.[Scopus]	ICAICR			2023	Scopus
8.	“Advanced Techniques for Agricultural Crop Yield Prediction using Machine Learning and Computer Vision”, 6th International Conference on Advanced Informatics for Computing Research (ICAICR -2023), Springer, Rohtak, Haryana, India, 16 & 17 <sup>th</sup> Dec 2023.[Scopus]	ICAICR			2023	Springer
9.	“Smart Healthcare System with Light-Weighted Blockchain System and Deep Learning Techniques”, Computational Intelligence and Neuroscience, Article ID 1621258, 2022. [SCIE]	SCIE			2022	SCIE
10.	“Analysis of network slicing for management of 5G networks using machine learning techniques”, Wireless Communications and Mobile Computing, Article ID 9169568, 2022. [SCIE]	SCIE			2022	SCIE
11.	“A Review On: Secure Live Video Streaming and Network Slicing”, Journal of Algebraic Statistics,13(3), 2022. [ESCI].	ESCI			2022	ESCI
12.	“Using Machine Learning and Computer Vision to increase harvest yields in farming: A review”,7th International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2022), Springer, Chandigarh, India, 9 & 10 <sup>th</sup> Dec 2022.[Scopus]	ICTCS			2022	Springer ,Scopus

13	“Crop Yield Prediction and Climate Change Impact Assessment using Machine Learning Technology in Agriculture”,7th International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2022), Springer, Chandigarh, India, 9 & 10 <sup>th</sup> Dec 2022.[Scopus].	ICTCS			2022	Springer
----	--	-------	--	--	------	----------



**List of Research Papers Published in National/International Journals**  
**Name of Department:- Computer Science & Technology**

**3. Faculty Name:-Er. RavinderMadhan**

**Designation:- Assistant Professor**

S.No.	Title of Research Papers	Journal Name	Vol. /Issue	ISSN No.	Year of Publication	Sci/Scopus/WOS/UGC care
1	Blockchain Technology for the Development of an IoT-Driven Intelligent Security and Communication System	5th International Conference on Computing, Communications and Cyber-Security (IC4S'05-2024), SMVDU, Katra, J & K, India, 29th Feb to 1st March 2024			2024	[Scopus]
2	Elevating Information Security in IoT Communications with a Hybrid Approach	International Journal of Applied Engineering and Technology	5(3)		2023	[Scopus]
3	Investigating a Comprehensive IoT Security Solution Based on Blockchain	6th International Conference on Advanced Informatics for Computing Research (ICAICR-2023), Springer, Rohtak, Haryana, India, 16 & 17th Dec 2023			2023	[Scopus]
4	Enhancing IoT Security: A Comparative Analysis of Blockchain and Non-Blockchain Approaches	Stochastic Modelling and Computational Sciences	3(2), pp. 498-508		2023	[Scopus]
5	Forensic Network Traffic Analysis: an Overview	International Journal of Engineering, Pure and Applied Sciences	Vol. 6, No. 2		2021	International
6	A Research on Biometric Usage in Computer Science	International Journals of Multidisciplinary Research Academy	11(10)		2021	International

7	Review on Biometric Usage in the Computer Science	Infokara Journal	10(10)		2021	
8	Ensemble Classification Approach for Email Spam Filtering	International Journals of Multidisciplinary Research Academy	11(9)		2021	International
9	Analysis of Various Email Spam Filtering Techniques	Infokara Journal	10(10)		2021	
10	Machine Learning Based Algorithms on Health Informatics	International Journals for Research in Engineering and Emerging Trends	Volume 5, Issue 1	ISSN: 2545-4523	2021	International
11	Extreme Machine Learning Based Algorithms on Health Informatics	International Journals for Research in Engineering and Emerging Trends	Volume 5, Issue 1	ISSN: 2545-4523	2021	



**List of Research Papers Published in National/International Journals**

Name of Department:-Computer Science & Technology

Faculty Name:-Er. Aman Kumar

Designation:- Assistant Professor

S.No	Title of Research Papers	Journal Name	Vol. /Issue	ISSN No.	Year of Publication	SCI/SCOPUS/WOS/UGC Care
1	Exploration of Machine Learning Techniques to Identify Liver Disease: An Applied Research	4th International Conference on Recent Trends in Engineering Technology and Management (ICRETM 2024)			2024	International
2	Applying Machine Learning Techniques in Liver Disease Detection: A Comprehensive Review	Neuroquantology	Vol. 20 Issue 22		2023	Scopus
3	Advancing Medical Predictive Models with Integrated Approaches	3rd International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC-2023)			2023	Springer
4	A Review paper of Well-Built Safety Measures for Distributed File System	IJRECE			2020	International
5	Well-Developed Safekeeping Issues Implement with Analytic Approach in Distributed File System	International Journal of Engineering Research & Technology			2020	International
8	A Review paper of Well-Built Safety Measures for Distributed File System	International Journal of Research in Electronics and Computer Engineering	Vol-8, Issue-1	2348-2281		International
9	A Research Paper of Well-Developed Safekeeping Issues Implement with Analytic Approach in Distributed File System	International Journal of Engineering Research &	Vol-9, Issue-6	2278-0181		International

		Technology			
--	--	------------	--	--	--



**List of Research Papers Published in National/International Journals**

**Name of Department:- Computer Science & Technology**

**4. Faculty Name:-Er. Abhishilpa Designation:- Assistant Professor**

S.No.	Title of Research Papers	Journal Name	Vol. /Issue	ISSN No.	Year of Publication	Sci/Scopus/WOS/UGC care
1	Code Smells And Refactoring: A Tertiary Systematic Literature Review	International Journal of System of Systems Engineering	Vol.14(1), pp 83-143		2024	Scopus
2	Improving Code Smell Detection by Reducing Dimensionality Using Ensemble Feature Selection and Machine Learning	SNCS	Vol.5(673), pp 2-21		2024	Scopus
3	Machine Learning Algorithm's Accuracy for Detecting Code Smell Using Data Balancing and Parameter Optimization	IC4S2024 Fifth International Conference on Computing, Communications, Cyber-Security(IC4S'05 Volume 2)			2024	Scopus
4	Multi-Criteria Based Severity Assessment of Code Smells	International Journal of System of Systems Engineering	Accepted		2024	Scopus
5	Do Software Refactoring Reflects Developers' Perception about Software's Code Smells and Its Quality: An Empirical Study	ICAICR-2023 (6th International Conference on Advanced Informatics for Computing Research)			2023	Scopus
6	Machine Learning Based Code Smell Detection And Refactoring	Patent Application Number- 202311065257			2023	Publication date: 20/10/2023, Field of Invention - Computer Science [Published]

7	A Deep Study on Different Type of Code Smell & Refactoring Technique	International Journal of All Research Education and Scientific Methods (IJARESM)	Vol.10(6), pp.858-864		2022	UGC
---	--	--	-----------------------	--	------	-----



**List of Research Papers Published in National/International Journals**



**Name of Department:- Computer Science & Technology**

**5. Faculty Name:- Dr. Deepak Chandra Uprety**

**Designation:- Associate Professor**

S.No.	Title of Research Papers	Journal Name	Vol. /Issue	ISSN No.	Year of Publication	Sci/Scopus /WOS/UGC care
1	Volatile-Snapshot based non-intrusive minimum process Synchronous Check pointing Protocols for Mobile Distributed System”, [IJARET], SCOPUS, Volume 11, Issue 10, October 2020, pp. 1949-1955; ISSN Print: 0976-6480 and ISSN Online: 0976- 6499.	IJARET	Volume 11	0976-6499	2020	SCOPUS
2	“Transient-Snapshot based Minimum-process Synchronized Check pointing Etiquette for Mobile Distributed Systems”, International Journal of Advanced Trends in Computer Science and Engineering [IJATCSE], SCOPUS, Volume 10, no.4, July - August 2021, ISSN Online: 2278-3091	IJATCSE	Volume 10	2278-3091	2021	
3	“Check pointing Techniques for Distributed Mobile Systems”, International Journal of Innovative Research in Technology [IJIRT], UGC, Volume 9 Issues 4 September 2022, ISSN: 2349-6002	IJIRT	Volume 9	2349-6002	2022	
4	“Hadoop: Understanding the Big Data Processing Method”, International Journal of Science and Research[IJSR], UGC, ISSN (Online): 2319-7064	IJSR		2319-7064		
5	“Accomplished Minimum-process Synchronized Consistent Recovery Line Aggregation Algorithm for Fault-Tolerant Mobile Computing Environments”, SCOPUS, Mathematical Statistician and Engineering Applications ISSN: 2094-0343 2326-9865	<i>Mathematical Statistician and Engineering Applications</i>	Volume. 71	2094-0343 2326-9865	2022	SCOPUS
6	“An Evanescent-checkpoint based Efficacious Crossbred Infallible Recovery Line Amassment Arrangement for Backward Error Recovery in Mobile Distributed Frameworks” SCOPUS, NeuroQuantology    October 2022   VOLUME 20   ISSUE 14   PAGE 2522-2534 DOI: 10.48047/NQ.2022.20.14.NQ77228.		VOLUME 20		2022	SCOPUS
7	“A Consummate Hybrid Impeccable Global State Compilation Etiquette for Backward Error Recovery in Mobile Distributed Networks” SCOPUS, NeuroQuantologyOctober 2022  Volume 20   Issue 10   Page 12012:12020   DOI: 10.48047/NQ.2022.20.10.NQ551162.	NeuroQuantology	Volume 20		2022	SCOPUS

8	“Map Reduce: A Big Data-Maintained Algorithm Empowering Big Data Processing for Enhanced Business Insights”. Springer 2023	ICTCS	volume 908		2023	Springer
---	--	-------	------------	--	------	----------



**List of Research Papers Published in National/International Journals**

Name of Department: - Computer Science & Technology

6. Faculty Name:- Dr. S. Shanthini

Designation:- Associate Professor

S.No.	Title of Research Papers	Journal Name	Vol. /Issue	ISSN No.	Year of Publication	Sci/Scopus /WOS/UGC care
-------	--------------------------	--------------	-------------	----------	---------------------	--------------------------

1	Energy Efficient Congestion Control and Trust based Routing Techniques for MANET using Sealed Bid Auction Game Theory	International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2020)			2020	Springer Conference
2	Review of Various Techniques on energy efficient, congestion control and trust-based routing in MANET	International Journal for Science and Advance Research in Technology	Vol. 6, Issue-2	ISSN: 2395-1052	2020	
3	RED Congestion Control with Energy Aware Auction Based Route Selection in MANET	International Journal of Recent Technology and Engineering (IJRTE)	Vol. 8, Issue-5	ISSN: 2277-3878	2020	Scopus
4	Sealed-bid Auction based Energy Efficient Route Selection in Mobile Ad-hoc Network	International Journal of Recent Technology and Engineering (IJRTE)	Vol. 8, Issue-3	ISSN: 2277-3878	2019	Scopus
5	An Energy Efficient Techniques in MANETs modified Trust based route selection Algorithm	International Journal of Pure and Applied Mathematics	Vol. 119, Issue 8	ISSN 1314-3395	2018	Scopus
6	A Survey on Trust Based Energy Efficient Routing in Distributed on Demand Routing for MANETs	International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS)	Vol. 7, Issue 3	ISSN 2319-1953	2018	
7	Auction Game Theory Based Adaptive Position Update Strategy for Geographic Routing In MANET	International Journal for Scientific Research and Development (IJSRD)	Volume - 3, Issue - 10		2016	
8	A Review on Adaptive Position Updation Techniques used for Geographical Routing in MANET Review on Adaptive Position Updation Techniques used for Geographical Routing in MANET	Proceedings of the National Conference on Challenges in Computational Research and Applications		ISBN: 978-93-86176-52-3	2017	

