

Swami Rama Himalayan University
Himalayan School of Science & Technology
Publication 2022

S. No.	Publication Type	Publication Title	Author/s Name	Institutional affiliation as mentioned in the publication	Journal Name	Year	ISBN/ ISSN NUMBER	Indexing
1	Article	A Cloud-Based Predictive Model for the Detection of Breast Cancer	Pathoe K.; Rawat D.; Mishra A.; Arya V.; Rafsanjani M.K.; Gupta A.K.	Pathoe K., Spanidea Systems, India; Rawat D., Swami Rama Himalayan University, India; Mishra A., Swami Rama Himalayan University, India; Arya V., Insights2Techinfo, India, Lebanese American University, Beirut, 1102, Lebanon; Rafsanjani M.K., Shahid Bahonar University of Kerman, Iran; Gupta A.K., USCI Karnavati University, Gujarat, India	International Journal of Cloud Applications and Computing	2022	21561834	Scopus

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2	Article	A Comparative Study of Privacy-Preserving Homomorphic encryption Techniques in Cloud Computing	Joshi B.; Joshi B.; Mishra A.; Arya V.; Gupta A.K.; Peraković D.	Joshi B., Swami Rama Himalayan University, India; Joshi B., Jaypee Institute of Information Technology, India; Mishra A., Swami Rama Himalayan University, India; Arya V., Insights2Techinfo, India, Lebanese American University, Beirut, Lebanon; Gupta A.K., Karnavati University, India; Peraković D., University of Zagreb, Croatia	International Journal of Cloud Applications and Computing	2022	21561834	Scopus
3	Article	A Novel Method of Butterfly Optimization Algorithm for Load Balancing in Cloud Computing	Yadav P.; Kumar S.; Saini D.K.J.	Yadav P., Deptment of Computer Science and Engineering, Meerut Institute of Engineering and Technology, Uttar Pradesh, Meerut, India; Kumar S., Deptment of Computer Science and Engineering, Meerut Institute of Engineering and Technology, Uttar Pradesh, Meerut, India; Saini D.K.J., Department of Computer Science and Engineering, Himalayan School of Science and Technology, Swami Rama Himalayan University, Uttarakhand, Dehradun, India	International Journal on Recent and Innovation Trends in Computing and Communication	2022	23218169	Scopus

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4	Conference paper	A Novel Secure Vector Product for Protecting the Privacy of Data in Vertically Partitioned Dataset	Sharma V.; Bhushan S.; Singh A.K.; Kumar P.	Sharma V., HSST, Swami Rama Himalayan University, Dehradun, India; Bhushan S., School of Computer Science, University of Petroleum and Enegy Studies, Dehradun, India; Singh A.K., Krishna Engineering College, Ghaziabad, India; Kumar P., Krishna Engineering College, Ghaziabad, India	Lecture Notes in Electrical Engineering	2022	18761100	Scopus
5	Conference paper	A Recent Survey on Cybercrime and Its Defensive Mechanism	Bajaj G.; Tailwal S.; Mishra A.	Bajaj G., Swami Rama Himalayan University, Dehradun, India; Tailwal S., Swami Rama Himalayan University, Dehradun, India; Mishra A., Swami Rama Himalayan University, Dehradun, India	Lecture Notes in Networks and Systems	2022	23673370	Scopus
6	NA	A Study on Knowledge and Risk Factors Related to Pelvic Inflammatory Disease among Women in Selected Rural Community Area of Dehradun, Uttarakhand	Sakshi Semwal, Atul Kumar, Dr. Vandana Chauhan	Swami Rama Himalayan University	International Journal of Science and Research (IJSR)	2022	2319-7064	UGC and other indexed Journals
7	Book chapter	Agricultural Science with IoT	Pant Y.	Pant Y., Department of Computer and Information Studies, Himalayan Institute of Science and Technology, SRHU, Uttarakhand, Dehradun, India	Internet of Things for Agriculture 4.0: Impact and Challenges	2022	978-100036927-4; 978-177463002-0	Scopus

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8	Article	An Empirical Client Cloud Environment to Secure Data Communication with Alert Protocol	Soni D.; Srivastava D.; Bhatt A.; Aggarwal A.; Kumar S.; Shah M.A.	Soni D., VIT Bhopal University, Madhya Pradesh, Bhopal, India; Srivastava D., Department of Computer and Information Sciences, Himalayan School of Science & Technology, Swami Rama Himalayan University, Dehradun, India; Bhatt A., Department of Computer Science and Engineering, Shivalik College of Engineering, Dehradun, India; Aggarwal A., School of Computer Science, University of Petroleum and Energy Studies, Dehradun, India; Kumar S., School of Computer Science, University of Petroleum and Energy Studies, Dehradun, India; Shah M.A., Bakhtar University, Kabul, Afghanistan	Mathematical Problems in Engineering	2022	1024123X	Scopus

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9	Article	Analysis of Protein Structure	Srivastava, Deepak; Chui, K	[Srivastava, Deepak] Swami Rama Himalayan Univ, Himalayan Sch Sci & Technol, Dehra Dun, Uttarakhand, India; [Chui, Kwok Tai] Hong Kong Metropolitan Univ, Hong Kong, Peoples R China; [Arya, Varsha] Insights2Techinfo, Dehra Dun, India; [Garcia Penalvo, Francisco Jose] Univ Salamanca, Salamanca, Spain; [Kumar, Pramod] Meerut Inst Engn & Technol, Meerut, Uttar Pradesh, India; [Singh, Anuj Kumar] Ajay Kumar Garg Engn Coll, Ghaziabad, India	INTERNATION	2022	NA	Web of Science
10	Book chapter	Attacks and Vulnerabilities Detection in Wireless Sensor Networks	Saini R.K.; Saini M.K.; Sharma R.	Saini R.K., School of Computing, DIT University, Uttarakhand, Dehradun, India; Saini M.K., Department of Computer Science, Doon Business School, Uttarakhand, Dehradun, India; Sharma R., Swami Rama Himalayan University, Uttarakhand, Dehradun, India	Internet of Things for Agriculture 4.0: Impact and Challenges	2022	978-100036927-4; 978-177463002-0	Scopus

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11	Article	Classification of Medicinal Plants Leaves Using Deep Learning Technique: A Review	Chanyal H.; Yadav R.K.; Saini D.K.J.	Chanyal H., Department of Computer Science & Engineering, IFTM University, U.P, Moradabad, India; Yadav R.K., Department of Computer Science & Engineering, IFTM University, U.P, Moradabad, India; Saini D.K.J., Department of Computer Science & Engineering, Himalayan School of Science & Technology, Swami Rama Himalayan University, Uttarakhand, Dehradun, India	International Journal of Intelligent Systems and Applications in Engineering	2022	21476799	Scopus
12	Article	Detection and tracking of r	Kamble, Shailesh; Saini, Di	[Kamble, Shailesh] Indira Gandhi Delhi Tech Univ Women, Dept Artificial Intelligence & Data Sci, Delhi, India; [Saini, Dilip Kumar J.] Swami Rama Himalayan Univ, Himalayan Sch Sci & Technol, Dept Comp & Informat Sci, Baksar Wala, Uttarakhand, India; [Kumar, Vinay] Univ Delhi, Dayal Singh Evening Coll, Dept Comp Sci, Delhi, India; [Gautam, Arun Kumar] Univ Delhi, Ram Lal Anand Coll, Dept Comp Sci, New Delhi, India; [Verma, Shikha] Jawaharlal Nehru Univ, Dept Comp Sci & Engn, New Delhi, India; [Tiwari, Ashish] Babu Banarasi Univ, Dept Comp Sci & Engn, Lucknow 226028, Uttar Pradesh, India; [Goyal, Dinesh] Poornima Inst Engn & Technol, Dept Comp Sci & Engn, Jaipur 302022, Rajasthan, India	JOURNAL OF D	2022	NA	Web of Science

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13	Article	Detection of Distributed D	Mishra, Anupama; Joshi, Bi	[Mishra, Anupama; Joshi, Bineet Kumar] Swami Rama Himalayan Univ, Himalayan Sch Sci & Technol, Doiwala, India; [Arya, Varsha] Insights2Techinfo, Dehra Dun, Uttarakhand, India; [Arya, Varsha] Lebanese Amer Univ, Beirut, Lebanon; [Gupta, Avadhesh Kumar] USCI Karnavati Univ, Gandhinagar, India	INTERNATION	2022	NA	Web of Science
14	Article	Hybrid Genetic Firefly Algorithm-Based Routing Protocol for VANETs	Singh G.D.; Prateek M.; Kumar S.; Verma M.; Singh D.; Lee H.-N.	Singh G.D., University of Petroleum and Energy Studies, School of Computer Science, Dehradun, 248007, India; Prateek M., Swami Rama Himalayan University, Department of Computer Science and Engineering, Dehradun, 248016, India; Kumar S., University of Petroleum and Energy Studies, School of Computer Science, Dehradun, 248007, India; Verma M., Bennett University, School of Computer Science Engineering and Technology, Greater Noida, 201310, India; Singh D., Gwangju Institute of Science and Technology, School of Electrical Engineering and Computer Science, Gwangju, 61005, South Korea; Lee H.-N., Gwangju Institute of Science and Technology, School of Electrical Engineering and Computer Science, Gwangju, 61005, South Korea	IEEE Access	2022	21693536	Scopus

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15	Article	Machine learning algorithm	Zamzami, Ikhlas Fuad; Path	[Zamzami, Ikhlas Fuad] King Abdulaziz Univ, Fac Business, Dept Management Informat Syst, Rabigh, Saudi Arabia; [Pathoe, Kuldeep] Spanidea Syst, Bengaluru, Karnataka, India; [Gupta, Brij B.] Asia Univ, Int Ctr AI & Cyber Secur Res & Innovat, Dept Comp Sci & Informat Engn, Taichung, Taiwan; [Gupta, Brij B.] Lebanese Amer Univ, Beirut, Lebanon; [Gupta, Brij B.] Univ Petr & Energy Studies UPES, Ctr Interdisciplinary Res, Dehra Dun, Uttarakhand, India; [Gupta, Brij B.; Alhalabi, Wadee] King Abdulaziz Univ, Dept Comp Sci, Jeddah, Saudi Arabia; [Mishra, Anupama] Swami Rama Himalayan Univ, Himalayan Sch Sci & Technol, Dept Comp Sci & Engn, Doiwala, Uttarakhand, India; [Rawat, Deepesh] Swami Rama Himalayan Univ, Himalayan Sch Sci & Technol, Dept Elect & Commun Engn, Doiwala, Uttarakhand, India	INTERNATION	2022	NA	Web of Science

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16	Conference paper	Optimized Web Searching Using Inverted Indexing Technique	Saini D.K.J.B.; Patil P.; Gupta K.D.; Kumar S.; Singh P.; Diwakar M.	Saini D.K.J.B., Swami Rama Himalayan University, Himalayan School of Science and Technology, Department of Computer and Information Science, Swami Ram Nagar, Jolly Grant, Uttarakhand, Dehradun, 248016, India; Patil P., Amity University in Tashkent, Labzak 70, 100128, Uzbekistan; Gupta K.D., Apex University, Department of Computer Science and It, Jaipur, India; Kumar S., Babu Banarasi das University, Department of Computer Science and Engineering, Lucknow, India; Singh P., Amity University, Amity School of Engineering and Technology, Uttar Pradesh, Noida, India; Diwakar M., Graphic Era Deemed to Be University, Uttarakhand, Dehradun, India	Proceedings - 2022 IEEE 11th International Conference on Communication Systems and Network Technologies, CSNT 2022	2022	978-166548038-3	Scopus

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17	Article	Phishing URL detection using machine learning methods	Ahammad S.H.; Kale S.D.; Upadhye G.D.; Pande S.D.; Babu E.V.; Dhumane A.V.; Bahadur M.D.K.J.	Ahammad S.H., Department of ECE, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Guntur, 522502, India; Kale S.D., Pimpri Chinchwad College of Engineering, Pune, 411044; Upadhye G.D., Pimpri Chinchwad College of Engineering, Pune, 411044; Pande S.D., MIT, Academy of Engineering, Alandi, Pune, India; Babu E.V., Department of ECE, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Guntur, 522502, India; Dhumane A.V., Pimpri Chinchwad College of Engineering, Pune, 411044; Bahadur M.D.K.J., Department of Computer and Information Sciences, Himalayan School of Science & Technology, Swami Rama Himalayan University, Uttarakhand, Dehradun, India	Advances in Engineering Software	2022	9659978	Scopus
18	Conference paper	Prediction of DDoS Attacks Using Machine Learning Algorithms Based on Classification Technique	Mishra A.; Rawat D.	Mishra A., Computer Science and Engineering, Himalayan School of Science and Technology, Swami Rama Himalayan University, Dehradun, India; Rawat D., Electronics & Communication Engineering, Himalayan School of Science and Technology, Swami Rama Himalayan University, Dehradun, India	Communications in Computer and Information Science	2022	18650929	Scopus

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19	Book chapter	Requirements of Applications of Wireless Sensor Networks for the Internet of Things	Saini R.K.; Saini M.K.; Sharma R.	Saini R.K., School of Computing, DIT University, Uttarakhand, Dehradun, India; Saini M.K., Department of Computer Science, Doon Business School, Uttarakhand, Dehradun, India; Sharma R., Swami Rama Himalayan University, Uttarakhand, Dehradun, India	Internet of Things for Agriculture 4.0: Impact and Challenges	2022	978-100036927-4; 978-177463002-0	Scopus
20	Conference paper	Skin Cancer Prediction using Machine Learning and Neural Networks	Tyagi N.; Dhavamani L.; Al Ansari M.S.; Pant B.; Saini D.K.J.B.; Dhanraj J.A.	Tyagi N., Amity University, Department of CSE, Uttar Pradesh, Greater Noida, India; Dhavamani L., St. Joseph's College of Engineering, Department of Information Technology, Chennai, India; Al Ansari M.S., University of Bahrain, College of Engineering, Department of Chemical Engineering, Bahrain; Pant B., Graphic Era Deemed to Be University, Department of Computer Science & Engineering, Uttarakhand, Dehradun, India; Saini D.K.J.B., Swami Rama Himalayan University Swami Ram Nagar, Jolly Grant, Himalayan School of Science and Technology, Department of Computer Science and Engineering, Uttarakhand, Dehradun, India; Dhanraj J.A., Hindustan Institute of Technology and Science Padur, Department of Automation and Robotics (ANRO), Chennai, India	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022	2022	979-835039826-7	Scopus