# Swami Rama Himalayan University
## Himalayan School of Science & Technology
## Publication 2023

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 1 | Conference paper | A Comparative Analysis on Computational and Security Aspects in IoT Domain | Khare A.; Rajput P.K.; Pal R.; Aarti | Khare A., Himalayan School of Science and Technology, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248016, India; Rajput P.K., School of Computer Science, University of Petroleum and Energy Studies, Uttarakhand, Dehradun, 248007, India; Pal R., CSE and IT Department, Jaypee Institute of Information Technology, Uttar Pradesh, Noida, 201309, India; Aarti, Lovely Professional University, Punjab, Phagwara, 144001, India | Lecture Notes in Networks and Systems | 2023 | 23673370 | Scopus |
| 2 | Conference paper | A Hybrid Approach for Protection Against Rumours in a IoT Enabled Smart City Environment | Mishra A.; Hsu C.-H.; Arya V.; Chaurasia P.; Li P. | Mishra A., Swami Rama Himalayan University, Dehradun, India; Hsu C.-H., Asia University, Taichung, Taiwan; Arya V., Insights2Techinfo, New Delhi, India, Lebanese American University, Beirut, 1102, Lebanon; Chaurasia P., Ulster University, London, United Kingdom; Li P., Software Engineering College, Zhengzhou University of Light Industry, Zhengzhou, China | Lecture Notes in Networks and Systems | 2023 | 23673370 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 3 | Article | A novel approach of surveillance video indexing and retrieval using object detection and tracking | Kamble S.D.; Saini D.K.J.B.; Jain S.; Kumar K.; Kumar S.; Dhabliya D. | Kamble S.D., Department of Artificial Intelligence and Data Science, Indira Gandhi Delhi Technical University for Women, Delhi, India; Saini D.K.J.B., Department of Computer Science and Engineering, Himalayan School of Science & Technology Swami Rama Himalayan University, Uttarakhand, India; Jain S., Department of Computer Science and Engineering, Oklahoma State University, Stillwater, United States; Kumar K., Department of Computer Application, Meerut Institute of Engineering & Technology, Uttar Pradesh, Meerut, India; Kumar S., Department of Computer Science and Engineering, Meerut Institute of Engineering & Technology, Uttar Pradesh, Meerut, India; Dhabliya D., Department of Information Technology, Vishwakarma Institute of Information Technology, Maharashtra, Pune, India | Journal of Interdisciplinary Mathematics | 2023 | 9720502 | Scopus |
| 4 | Conference paper | An Analysis of Machine Learning Algorithms for Smart Healthcare Systems | Alduailij M.; Mishra A.; Zamzami I.F.; Psannis K. | Alduailij M., Department of Information Systems, College of Computer and Information Sciences, Princess Nourah Bint Abdulrahman University, Riyadh, Saudi Arabia; Mishra A., Department of Computer Science and Engineering, Himalayan School of Science and Technology, Swami Rama Himalayan University, Dehradun, India; Zamzami I.F., Faculty of Business, King Abdulaziz University, Rabigh, Saudi Arabia; Psannis K., University of Macedonia, Thessaloniki, Greece | Lecture Notes in Networks and Systems | 2023 | 23673370 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 5 | Conference paper | An Integrating Computational Approach Review to Analyse the Biological Functions | Kimothi S.; Joshi P.; Shukla S.; Kumar R.; Ahmad I.; Memoria M. | Kimothi S., Graphic Era (To Be Deemed) University, Department of Physics, India; Joshi P., Swami Rama Himalayan University, Dept. of Computer Science, Dehradun, India; Shukla S., COER University, School of Computing, Roorkee, India; Kumar R., Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, India; Ahmad I., Uttaranchal University, Uttaranchal School of Computing Sciences, Dehradun, India; Memoria M., Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, India | 2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023 | 2023 | 979-835039648-5 | Scopus |
| 6 | Book chapter | An overview of the accessibility and need of AI animation tools for specially abled students | Parashar B.; Sharma R.; Parashar V.; Rana G.; Nayyar A.; Harish V. | Parashar B., VIT Bhopal University, India; Sharma R., Swami Rama Himalayan University, India; Parashar V., Scope Global Skills University, India; Rana G., Swami Rama Himalayan University, India; Nayyar A., Duy Tan University, Viet Nam; Harish V., PSG Institute of Management, India | AI-Assisted Special Education for Students With Exceptional Needs | 2023 | 979-836930380-1; 979-836930378-8 | Scopus |
| 7 | Book chapter | Blockchain for the Internet of Things and Industry 4.0 Application | Siddharth D.; Saini D.K.J.B.; Kumar S. | Siddharth D., Department of Computer Sciences and Engineering, Sreenidhi Institute of Science and Technology, Telangana, Hyderabad, India; Saini D.K.J.B., Department of Computer Science and Engineering, Himalayan School of Science and Technology, Swami Rama Himalayan University (SRHU), Uttarakhand, Dehradun, India; Kumar S., Department of Computer Science and Engineering, Meerut Institute of Engineering and Technology, Uttar Pradesh, Meerut, India | Handbook of Flexible and Smart Sheet Forming Techniques: Industry 4.0 Approaches | 2023 | 978-111998645-4; 978-111998640-9 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 8 | Conference paper | Blockchain-Based IoT Applications, Platforms, Systems and Framework | Saini D.K.J.B.; Kumar S.; Bhatt A.; Gupta R.; Joshi K.; Siddharth D. | Saini D.K.J.B., Swami Rama Himalayan University, Himalayan School of Science & Technology, Department of Computer Science and Engineering, Uttarakhand, Dehradun, India; Kumar S., Sharda University Greater, Sharda School of Basic Sciences and Research, Department of Mathematics, UP, Noida, 201310, India; Bhatt A., Swami Rama Himalayan University, Himalayan School of Science & Technology, Department of Computer Science and Engineering, Uttarakhand, Dehradun, India; Gupta R., Graphic Era Hill University, Department of Computer Science and Engineering, Uttarakhand, Dehradun, India; Joshi K., Uttaranchal University, Uttaranchal Institute of Technology, Department of Cse, Dehradun, India; Siddharth D., Gl Bajaj Institute of Technology & Management Greater, Department of Computer Science and Engineering, Uttar Pradesh, Noida, 201306, India | 2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023 | 2023 | 979-835033509- | Scopus |
| 9 | Article | Challenges posed by infant incubators and their potential mitigation | Nagasreenivasarao P. | Nagasreenivasarao P., Himalayan School of Science and Technology, Swami Rama Himalayan University, India | Sri Lanka Journal of Child Health | 2023 | 13915452 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 10 | Article | Convolution neural network model for predicting various lesion-based diseases in diabetic macula edema in optical coherence tomography images | Saini D.J.B.; Sivakami R.; Venkatesh R.; Raghava C.S.; Sandeep Dwarkanath P.; Anwer T.M.K.; Smirani L.K.; Ahammad S.H.; Pamula U.; Amzad Hossain M.; Rashed A.N.Z. | Saini D.J.B., Department of CSE, Himalayan School of Science & Technology, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248140, India; Sivakami R., Department of CSE, Sona College of Technology, Salem 5, India; Venkatesh R., Department of IT, PSNA College of Engineering and Technology, Dindigul, India; Raghava C.S., Accenture, Chennai, India; Sandeep Dwarkanath P., MIT, Academy of Engineering, Alandi, Pune, India; Anwer T.M.K., Department of Physics, College of Education, Salahaddin University-Erbil, Kurdistan Region, Erbil, 44002, Iraq; Smirani L.K., Deanship of Information Technology, Umm Al-Qura University, Saudi Arabia; Ahammad S.H., Department of ECE, Koneru Lakshmaiah Education Foundation, Vaddeswaram, Guntur, 522502, India; Pamula U., Research Scholar, Department of CSE, Sathyabam Institute of Science and Technology, Chennai, India; Amzad Hossain M., Department of Electrical and Electronic Engineering, Jashore University of Science and Technology, Jashore, 7408, Bangladesh; Rashed A.N.Z., Electronics and Electrical Communications Engineering Department, Faculty of Electronic Engineering, Menouf | Biomedical Signal Processing and Control | 2023 | 17468094 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 11 | Conference paper | Cyber Physical System Role in Stock Market | Dhyani A.; Bisht D.; Kathuria S.; Gehlot A.; Chhabra G.; Tiwari P. | Dhyani A., Uttaranchal Institute of Management, Uttaranchal University, Dehradun, India; Bisht D., Uttaranchal Institute of Management, Uttaranchal University, Dehradun, India; Kathuria S., Uttaranchal University, Law College Dehradun, Dehradun, India; Gehlot A., Uttaranchal University, UIT, Division of Research and Innovation, Dehradun, India; Chhabra G., Graphic Era Hill University, Department of Computer Science and Engineering, Dehradun, India; Tiwari P., Swami Rama Himalayan University, Uttaranchal, India | Proceedings of 5th International Conference on 2023 Devices for Integrated Circuit, DevIC 2023 | 2023 | 979-835034726-5 | Scopus |
| 12 | Conference paper | Design of Atmel PLC and its Application as Automation of Coal Handling Plant | Pande S.D.; Bhatt A.; Chamoli S.; Saini D.K.J.B.; Kute U.T.; Ahammad S.H. | Pande S.D., Mit, Academy of Engineering, Alandi, Pune, India; Bhatt A., Himalayan School of Science & Technology, Swami Rama Himalayan University, Department of Computer Science and Engineering, Uttarakhand, India; Chamoli S., Graphic Era Hill University, Cse, Dehradun, India, Graphic Era Deemed to Be University, Cse, Dehradun, India; Saini D.K.J.B., School of Engineering and Technology, Pimpri Chinchwad University, Department of Computer Science and Engineering, Pune, India; Kute U.T., School of Engineering and Technology, Pimpri Chinchwad University, Pune, India; Ahammad S.H., Koneru Lakshmaiah Education Foundation, Department of E.C.E., Vaddeswaram, 522302, India | 2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023 | 2023 | 979-835032918-6 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 13 | Conference paper | Detailed Investigation on Blockchain Smart Contracts Application and its Usefulness | Arumugam M.; Panduro-Ramirez J.; Padilla-Caballero J.; Gildhiyal P.; Goel M.; Jang Bahadur Saini D.K. | Arumugam M., M S Ramaiah Institute of Technology, Department of Management Studies, Bangalore, India; Panduro-Ramirez J., Universidad Tecnológica Del Perú, Peru; Padilla-Caballero J., Universidad César Vallejo, Postgraduate Department, Peru; Gildhiyal P., Uttaranchal Institute of Technology, Uttaranchal University, India; Goel M., Raj Kumar Goel Institute of Technology, Department of Management Studies, Ghaziabad, India; Jang Bahadur Saini D.K., Swami Rama Himalayan University, Department of Computer Science and Engineering, Uttarakhand, India | International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings | 2023 | 979-835039720- | Scopus |
| 14 | Article | Development in intelligent autonomous agents for the high-level cognitive functions like reasoning, planning, learning and abstraction | Neelima N.; Sekhar J.N.C.; Pullagura L.; Sri P.S.G.A.; Saini D.K.J.B.; Pande S.D. | Neelima N., Department of Information Technology, Velagapudi Ramakrishna Siddhartha Engineering College, Andhra Pradesh, Vijayawada, 520007, India; Sekhar J.N.C., Department of EEE, SV University College of Engineering, Andhra Pradesh, Tirupati, 517502, India; Pullagura L., Department of Computer Science & Engineering, Jain University, Karnataka, Bangalore, India; Sri P.S.G.A., Department of Electronics and Computer Engineering, Koneru Lakshmaiah Education Foundation, Andhra Pradesh, India; Saini D.K.J.B., Department of Computer Science and Engineering, Swami Rama Himalayan University, Uttarakhand, India; Pande S.D., MIT Academy of Engineering, Maharashtra, Pune, India | Journal of Interdisciplinary Mathematics | 2023 | 9720502 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 15 | Conference paper | Email Spam Detection Using Naive Bayes and Random Forest Classifiers | Arya V.; Almomani A.A.D.; Mishra A.; Peraković D.; Rafsanjani M.K. | Arya V., Insights2Techinfo, Chennai, India; Almomani A.A.D., Skyline University College, Sharjah, United Arab Emirates; Mishra A., Swami Rama Himalayan University, Dehradun, India; Peraković D., University of Zagreb, Zagreb, Croatia; Rafsanjani M.K., Shahid Bahonar University of Kerman, Kerman, Iran | Lecture Notes in Networks and Systems | 2023 | 23673370 | Scopus |
| 16 | Article | Fractal video compression for IOT-based smart cities applications using motion vector estimation | Jang Bahadur Saini D.K.; Kamble S.D.; Shankar R.; Kumar M.R.; Kapila D.; Tripathi D.P.; de A. | Jang Bahadur Saini D.K., Department of Computer Science and Engineering, Himalayan School of Science & Technology, Swami Rama Himalayan University, Uttarakhand, India; Kamble S.D., Department of Artificial Intelligence and Data Science, Indira Gandhi Delhi Technical University for Women, Delhi, India; Shankar R., Department of Electronics and Communication Engineering SR University, Warangal, India; Kumar M.R., Department of Mathematics, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Tamil Nadu, Chennai, India; Kapila D., Department of Computer Science & Engineering, Lovely Professional University, Punjab, Phagwara, India; Tripathi D.P., Department of Electronics & Communication Koneru Lakshmaiah Education Foundation, Andhra pradesh, Vaddesearam, 522302, India; de A., Department of Electronics & Communication, Asansol Engineering College, West bangal, Kanyapur, India | Measurement: Sensors | 2023 | 26659174 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 17 | Conference paper | Grading of Fruit Ripeness Using Arduino in IoT | Saini D.K.J.B.; Ahammad S.H.; Das P.; Bhatt A.; Malusare P.; Pande S.D. | Saini D.K.J.B., School of Engineering and Technology, Pimpri Chinchwad University, Department of Computer Science and Engineering, Pune, India; Ahammad S.H., Koneru Lakshmaiah Education Foundation, Department of E.C.E., Vaddeswaram, 522302, India; Das P., Graphic Era Hill University, Cse, Dehradun, India, Graphic Era Deemed to Be University, Cse, Dehradun, India; Bhatt A., Himalayan School of Science & Technology, Swami Rama Himalayan University Uttarakhand, Department of Computer Science and Engineering, India; Malusare P., Indira College of Engineering & Management, Department of Computer Science and Engineering, Pune, India; Pande S.D., Academy of Engineering, Mit, Pune, India | 2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023 | 2023 | 979-835032918- | Scopus |
| 18 | Conference paper | Hybrid semi-supervised SOM based clustered approach with genetic algorithm for software fault classification | Aarti; Rajput P.K.; Khare A. | Aarti, Lovely Professional University, Punjab, Phagwara, 144411, India; Rajput P.K., School of Computer Science, University of Petroleum and Energy Studies, Uttarakhand, Dehradun, 248007, India; Khare A., Himalayan School of Science & Technology, Swami Rama Himalayan University, Uttarakhand, Dehradun, 248016, India | AIP Conference Proceedings | 2023 | 0094243X | Scopus |
| 19 | Conference paper | Impact of Omicron on Indian Society | Baloni D.; Negi G.S.; Joshi P.; Verma S.; Bhatt C. | Baloni D., Quantum University, Quantum School of Technology, Dehradun, India; Negi G.S., Uttaranchal University, Uttaranchal Institute of Technology, Dehradun, India; Joshi P., Swami Rama Himalyan University, Himalyan School of Science and Technology, Dehradun, India; Verma S., Dit University, School of Computing, Dehradun, India; Bhatt C., Graphic Era Hill University, Dehradun, India | 2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023 | 2023 | 979-835033802-7 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 20 | Article | Improve qos for multi-body sensor analytics in smart healthcare system using machine learning algorithm | Jang Bahadur Saini D.K.; Pawar S.K.; Tondare S.P.; Nigade A.S.; Morbale J.; Gangwar M. | Jang Bahadur Saini D.K., Department of Computer Science and Engineering, Himalayan School of Science & Technology, Swami Rama Himalayan University, Uttarakhand, India; Pawar S.K., Department of Electronics and Communication Engineering, Bhararti Vidyapeeth (Deemed To be University), College of Engineering, Maharashtra, Pune, India; Tondare S.P., Department of Electronics and Communication Engineering, Bhararti Vidyapeeth (Deemed To be University), College of Engineering, Maharashtra, Pune, India; Nigade A.S., Department of Electronics and Communication Engineering, Bhararti Vidyapeeth (Deemed To be University), College of Engineering, Maharashtra, Pune, India; Morbale J., Department of Electronics and Communication Engineering, Bhararti Vidyapeeth (Deemed To be University), College of Engineering, Maharashtra, Pune, India; Gangwar M., B. N. College of Engineering and Technology, Uttar Pradesh, Lucknow, India | Journal of Interdisciplinary Mathematics | 2023 | 9720502 | Scopus |
| 21 | Book chapter | Machine Learning-Based Prediction of Users' Involvement on Social Media | Sharma V.; Kumar L.; Srivastava D. | Sharma V., Swami Rama Himalayan University, Jollygrant Dehradun, India; Kumar L., Roorkee Institute of Technology, India; Srivastava D., Swami Rama Himalayan University, Jollygrant Dehradun, India | Advanced Applications of NLP and Deep Learning in Social Media Data | 2023 | 978-166846911-8; 978-166846909-5 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 22 | Conference paper | Performance optimization of multi-node density using random mobility model in mobile adhoc network | Ghildiyal S.; Srivastava D.; Mall S.; Sharma V.; Gupta A.; Manish; Kumar S. | Ghildiyal S., Uit, Uttaranchal University, Uttarakhand, Dehradun, India; Srivastava D., Himalayan School of Science & Technology, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Mall S., Institute of Technology &management, Gida, U.P., Gorakhpur, India; Sharma V., Roorkee Institute of Technology, Uttarakhand, Roorkee, India; Gupta A., Dev Bhoomi Uttarakhand University, Uttarakhand, Dehradun, India; Manish, School of Hospitality Management, Uttaranchal University, Uttarakhand, Dehradun, India; Kumar S., Sla, Uttaranchal University, Uttarakhand, Dehradun, India | AIP Conference Proceedings | 2023 | 0094243X | Scopus |
| 23 | Conference paper | Plant Disease Detection using Image Processing | Mishra A.; Chaurasia P.; Arya V.; Peñalvo F.J.G. | Mishra A., Himalayan School of Science & Technology, Swami Rama Himalayan University, Dehradun, India; Chaurasia P., Ulster University, United Kingdom; Arya V., Insights2Techinfo, Bangalore, India, Lebanese American University, Beirut, 1102, Lebanon; Peñalvo F.J.G., Department of Informatics and Automation, University of Salamanca, Salamanca, Spain | Lecture Notes in Networks and Systems | 2023 | 23673370 | Scopus |

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|---|---|---|---|---|---|---|---|---|
| 24 | Article | Prediction of Omicron cases in India using LSTM: An advanced approach of artificial intelligence | Yadav N.; Saini D.K.J.B.; Uniyal A.; Yadav N.; Bembde M.S.; Dhabliya D. | Yadav N., Clinical Research Under Department of Community Medicine, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Saini D.K.J.B., Department of Computer Science and Engineering, Himalayan School of Science & Technology, Swami Rama Himalayan University, Uttarakhand, India; Uniyal A., Departments of Biostatistics, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Yadav N., Clinical Trail Center, Swami Rama Himalayan University, Uttarakhand, Dehradun, India; Bembde M.S., IT Department, JSPM's Rajarshi Shahu College of Engineering, Maharashtra, Pune, India; Dhabliya D., Department of Information Technology, Vishwakarma Institute of Information Technology, Maharashtra, Pune, India | Journal of Interdisciplinary Mathematics | 2023 | 9720502 | Scopus |

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|---|---|---|---|---|---|---|---|---|
| 25 | Conference paper | Quality, Quantity and Type detection of Fruits inside Refrigerator through Smart Vision in IoT | Das S.; Nandgaonkar V.N.; Dasab P.; Saini D.J.B.; Biradar R.G.; Bhatt A. | Das S., Indira College of Engineering &management, Department of Computer Science and Engineering, Pune, India; Nandgaonkar V.N., Indira College of Engineering &management, Department of Computer Science and Engineering, Pune, India; Dasab P., Cse, Graphic Era Hill University, Dehradun, India, Cse, Graphic Era Deemed to Be University, Dehradun, India; Saini D.J.B., School of Engineering and Technology, Pimpri Chinchwad University, Department of Computer Science and Engineering, Pune, India; Biradar R.G., School of Engineering and Technology, Pimpri Chinchwad University, Pune, India; Bhatt A., Himalayan School of Science & Technology, Swami Rama Himalayan University, Department of Computer Science and Engineering, Uttarakhand, India | 2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023 | 2023 | 979-835032918-6 | Scopus |
| 26 | Conference paper | Role of Technologies in the Media and Entertainment Sector | Joshi K.; Rastogi R.; Kumar S.; Pandey R.; Saini D.K.J.B.; Yadav R. | Joshi K., Uttaranchal Institute of Technology, Uttaranchal University, Department of Cse, Dehradun, India; Rastogi R., Noida Institute of Engineering and Technology, Department of It, Greater Noida, India; Kumar S., Uttaranchal Institute of Technology, Uttaranchal University, Department of Cse, Dehradun, India; Pandey R., Graphic Era Hill University, Department of Cse, Haldwani, India; Saini D.K.J.B., Himalayan School of Science and Technology, Swami Rama Himalayan University, Department of Cse, Dehradun, India; Yadav R., Graphic Era Hill University, Department of Cse, Dehradun, India | Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023 | 2023 | 979-835034757-9 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
|---|---|---|---|---|---|---|---|---|
| 27 | Conference paper | Routing Protocols of Wireless Sensor Networks in Smart Cities | Walia R.; Saini D.K.J.B.; Shah S.K.; Srinivas M.; Tiwari M.; Golla K. | Walia R., Ucrd, Chandigarh University, Punjab, Mohali, India; Saini D.K.J.B., Swami Rama Himalayan University Uttarakhand, Department of Computer Science and Engineering, India; Shah S.K., Uttaranchal Institute of Technology, Uttaranchal University, India; Srinivas M., Sr University, School of Computer Science and Artificial Intelligence, Telangana, Warangal, India; Tiwari M., Bharati Vidyapeeth's College of Engineering, Department of Computer Science and Engineering, Delhi A-4, Rohtak Road, Paschim Vihar, Delhi, India; Golla K., St. Martin's Engineering College, Department of CSE, Telangana, Secunderabad, India | 2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings | 2023 | 978-166549199- | Scopus |
| 28 | Article | Severity Analysis of Mitral Regurgitation Using Discrete Wavelet Transform | Balodi A.; Anand R.S.; Dewal M.L.; Rawat A. | Balodi A., Atria Institute of Technology, Bangalore, 560 024, India; Anand R.S., Indian Institute of Technology, Roorkee, 247 667, India; Dewal M.L., Indian Institute of Technology, Roorkee, 247 667, India; Rawat A., Swami Rama Himalayan University, Dehradun, 248 016, India | IETE Journal of Research | 2023 | 3772063 | Scopus |
| 29 | Conference paper | Smart Chatbot for Guidance About Children's Legal Rights | Kumar A.; Joshi P.; Saini A.; Kumari A.; Chaudhary C.; Joshi K. | Kumar A., Department of CSE, Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, India; Joshi P., CSE, HSST, Swami Rama Himalayan University Jollygrant, Dehradun, India; Saini A., Department of CSE, Quantum University, Roorkee, India; Kumari A., Department of CSE, Quantum University, Roorkee, India; Chaudhary C., Uttaranchal University, Dehradun, India; Joshi K., Department of CSE, Uttaranchal Institute of Technology, Uttaranchal University, Dehradun, India | Lecture Notes in Networks and Systems | 2023 | 23673370 | Scopus |

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|---|---|---|---|---|---|---|---|---|
| 30 | Conference paper | Smart Cities Monitoring using Internet of Things: Opportunities and Challenges | Malik P.K.; Roges R.; Tiwari P.; Malik P.; Kumar V.; Gehlot A. | Malik P.K., Lovely Professional University, Seee, Punjab, Phagwara, India; Roges R., Lovely Professional University, School of Electronics and Electrical Engineering, Punjab, Jalandhar, India; Tiwari P., Lovely Professional University, School of Electronics and Electrical Engineering, Punjab, Jalandhar, India; Malik P., Swami Rama Himalayan University, Uttaranchal, India; Kumar V., Raj Kumar Goel Institute of Technology, Uttar Pradesh, Ghaziabad, India; Gehlot A., Uttaranchal University, Division of Research & Innvovation, Dehradun, India | 2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings | 2023 | 979-835030009-3 | Scopus |
| 31 | Article | Smart Transaction through an ATM Machine using Face Recognition | Kumar A.; Joshi P.; Bala A.; Patil P.S.; Saini D.K.J.B.; Joshi K. | Kumar A., Department of CSE, Uttaranchal Institute of Technology, Uttaranchal University, Uttarakhand, India; Joshi P., Department of CSE, HSST, Swami Rama Himalayan University, Uttarakhand, India; Bala A., School of Engineering and Technology, Pimpri Chinchwad University, Maharashtra, Pune, India; Patil P.S., Sharad Institute of Technology College of Engineering, Yadrav, Maharashtra, Ichalkaranji, India; Saini D.K.J.B., School of Engineering and Technology, Pimpri Chinchwad University, Maharashtra, Pune, India; Joshi K., Department of CSE, Uttaranchal Institute of Technology, Uttaranchal University, Uttarakhand, India | Indian Journal of Information Sources and Services | 2023 | 22316094 | Scopus |

| S. No. | Publication Type | Publication Title | Author/s Name | Institutional affiliation as mentioned in the publication | Journal Name | Year | ISBN/ ISSN NUMBER | Indexing |
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