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## **Publications:**

1. S. Sudhakar, V. Vijayakumar, C. Sathiya Kumar, V. Priya, Logesh Ravi, V. Subramaniyaswamy, 2020, 'Unmanned Aerial Vehicle (UAV) based Forest Fire Detection and monitoring for reducing false alarms in forest-fires', Computer Communications, Elsevier, vol. 149, pp. 1-16. (SCOPUS and SCI indexed IF: 2.816)

- 2. **Sathiya Kumar,** C, Priya, V, Sriram, V.P., Sankar Ganesh, K., Mani, D, Sudhakar, S., 2020, An efficient algorithm for quantum computing with quantum key distribution with secure communication, Journal of Engineering Science and Technology, vol. 15, no. 1, pp. 77-93. (**SCOPUS**)
- 3. Shivang Raj, Saksham, Nikhil Patwari, **Sathiya Kumar C**, 2019, 'IoT based automated agriculture system in India', Proceedings of the 3<sup>rd</sup> International Conference on Trends in Electronics and Informatics (ICOEI 2019), SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu, India, 23 to 25<sup>th</sup> Apr, 2019.
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- 6. **Dr. Sathiyakumar, C,** Vinothini, R, Subitha, M, Suganya, M, 'Processing of Images to Predict Age and Weather Impact on Wood', International journal of advanced research and innovative ideas in education, vol. 2, no. 4, pp. 130-135, 2017.
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- 8. **Dr. Sathiyakumar, C,** Vinothini, R, Subitha, M, Suganya, M, 'Processing of Images to Predict Age and Weather Impact on Wood', in the Proceedings National Conference on Technological Advancements in Engineering at Sree Narayanaguru College of Engineering and Technology, Kerala,India on 25<sup>th</sup> Mar 2017
- 9. **Sathiyakumar,** C & Nandhini, M 2016, 'Global Face-Name Matching For Various Movie Frames Using ECGM', International Journal of Advanced Research in Management, Architecture, Technology & Engineering(IJARMATE), vol 2, spl. no. 2, pp. 181-188.
- 10. **Sathiyakumar, C** & Nandhini, M 2016, 'Global Face-Name Matching For Various Movie Frames Using ECGM', Proceedings of the 2<sup>nd</sup> International Conference On Emerging Enhancements in Engineering and Technology(ICEEET'16), Indra Ganesan College of Engineering, Tiruchirappalli, Tamil Nadu, India, 18 to 19<sup>th</sup> Mar, 2016, pp. 1-8.
- 11. **C. Sathyakumar,** R.Sangeetha, A. Sundharameenatchi & B. Vinothkumar, 'Automation of Key Generation', in the Proceedings National Conference on Emerging Trends in Science, Engineering and Technology at Nehru Institute of Engineering & Technology, Coimbatore, Tamil Nadu, India on 04<sup>th</sup> Mar 2016.