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02	The Future of DevOps Compute: A Survey of Innovative Strategies for Efficient Resource Utilization	Anushka Jindal, G S Mamatha	International Journal of Scientific Research in Engineering & Management(IJSREM), Volume 8, Issue 6, June 2024, ISSN: 2582-3930, DOI: 10.55041/IJSREM35637
03	Post-Quantum Cryptography: Securing Digital Communication in the Quantum Era	Dr. Mamatha GS , Rasha Sinha, Namya Dimri	International Preprint arXiv preprint arXiv: 2403.11741 (2024).
04	Public Key Security for Quantum Key Distribution	G. S. Mamatha, A. S. Aneesh, G. Chaitanya	8th International Conference on Computational System and Information Technology for Sustainable Solutions (CSITSS), November 2024, 10.1109/CSITSS64042.2024.10 816841.
05	Optimizing SaaS Metrics with Advanced Data Processing and Machine Learning Techniques	G S Mamatha, Relia Maharshi Chetan	8th International Conference on Computational System and Information Technology for Sustainable Solutions (CSITSS), November 2024 10.1109/CSITSS64042.2024.10 816841.
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			dio.org/10.1007/978-981-97-1
			326-4_33
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10	Al Assistant for visually Impaired	<i>Dr. Sagar B M</i> , Shashank S J, Shashank V, Hitesh Belekeri, Promod J	International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930, Volume: 08 Issue: 06 June – 2024. DOI: 10.55041/IJSREM35703
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	T		.
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