



**Dr.Sai Manoj .Kudaravalli**(<https://www.saimanojkudaravalli.com>)

**D.Sc., Ph.D., C Eng., MIE,MCTS, MCSI**

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Dr. K Sai Manoj B.Tech., M.Tech., PhD, D.Sc. is an experienced business consultant and academican with a demonstrated history of working in the education management industry along with IT and Financial services. Skilled in Big Data Analytics, Digital Marketing, Cyber Security, IOT, Advanced web technologies and Block chain Technology. Strong consulting professional with Doctor of Philosophy (Ph.D.) in Computer Science and Technology. And D.Sc., (Doctor of Science) in Computer Science and Engineering from Srinivas University, Mangalore. Currently pursuing EFPM at Indian School of Business (ISB), Hyderabad.

**ORCID:** <https://orcid.org/0000-0001-6768-5815>

**Scopus ID:** <https://www.scopus.com/authid/detail.uri?authorId=57204910578> (Scopus Author ID: 57204910578)

**Web of Science ResearcherID:** <https://publons.com/wos-op/researcher/3396147/saimanoj-kudaravalli/>

### **Professional Summary:**

- **13 years 9 months** of experience in **Financial Services, IT services and Educational Sector**
- Founder and CMD of **Innogeecks™ Technologies**, Vijayawada since 2017
- Founder and CMD of **Innogeecks Technologies (OPC) Pvt. Ltd.** Since August 2019
- Founder and CMD of **Aboradvibes Pvt. Ltd.** Since July 2021
- CEO of Amrita Sai Institute of Science and Technology – Vijayawada since 2014
- Founder and Executive Director of **Innogeecks™ Global Services Private Limited** – IT and ITES firm, which was founded in 2014.
- Worked in **Fidelity Investments** as a **Senior Business Analyst** for 4.4 years in **Business Analytics & Research**
- Worked in **Wipro Technologies** as a Project Engineer for 15 months.
- **Freelance business consultant** since 2010 in the areas like Business Analytics, Financial Analysis, Data Visualization, Cloud Computing, Digital Marketing and Big Data
- Pursuing **EFPM** at Indian School of Business (ISB), Hyderabad
- Awarded **D.Sc.** (Post-Doctoral Research) at Srinivas University on 17<sup>th</sup> April 2021.

- Awarded **Ph.D.** (Computer Science and Engineering – Cloud Computing & Cyber Security) at Annamalai University
- **IIT – Bangalore** post graduate in IT & Society (**Information Technology**) with exposure to Finance, Marketing, Intellectual Property Rights, IT and Society related aspects
- Holds undergraduate degree in **Mechanical Engineering** from **Amrita University, Coimbatore**
- Founder of 3 IoT, Blockchain and Cloud Computing based technology **Startups** in 2018
- **Microsoft Certified** Technology Specialist (**MCTS**)
- **Certified Ethical Hacker v9 and v11 (CEH)**
- **EC Council Certified Security Analyst (ECSA)**
- **Certified Hacking Forensic Investigator (CHFI)**
- **Certified EC Council Instructor (CEI)**
- Member of IEEE, ACM, IEI, NCSSS, SHRM, NEN – Bangalore Chapter, HR Sangham – Chennai, CCICI (Cloud Computing), Rotary International

#### **Patent Publications: (Filed & Published 4 Complete Applications & 5 more in-progress)**

- Filed a complete patent application (Application No: 202041025992) on Water Impurity Detection Using Internet of Things (IOT) for Smart City and published on:03/07/2020
- Filed a complete patent application (Application No: 201841007769) on Device, System and Method for an Efficient Approach to Improve Interactions and published on: 17/5/2019
- Filed a complete patent application (Application No: 201841007770) on System and Method for Multi-layered and Multi-Dimensional Quality Control During Data Management and published on:22/3/19
- Filed a complete patent application (Application No: 201741046579) on IoT enabled Intelligent Stick with Cloud Integration and published on:22/3/2019

#### **Certifications**

- Chartered Engineer (C.Eng.) from IEI (Institute of Engineer India)
- CEH v9 & v11(Certified Ethical Hacker v9 & v11)
- EC Council Certified Security Analyst (ECSA)
- Certified Hacking Forensic Investigator (CHFI)
- Certified EC Council Instructor (CEI)
- Microsoft Certified Technology Specialist (MCTS)

#### **Honors & Awards**



## **Outstanding Industry and Academic Contributor from ASSOCHAM**

Award date 8<sup>th</sup> March 2020 issued by ASSOCHAM

## **Outstanding Innovation in IT education Award by IAA**

honor date Jan 2018 honor issuer International Accrediting Authority

## **Paul Harris Fellow Recognition from Rotary International**

honor date Apr 2012 honor issuer Rotary International

## **Top 10 emerging Startups in Andhra Pradesh 20210 by CEO Insights**

<https://www.ceoinsightsindia.com/leader/innogeecks-technologies-where-learning-never-stops-cid-1409.html>

## **Top Leaders: Torchbearers of Vocal for Local by Forbes India July 2021**

<http://thestrategistand.in/wp-content/uploads/2021/07/Forbes-India.pdf>

## **International Paper Publications as a Reviewer (Total – 8)**

1. Acted as a reviewer for “**Journal of Big Data – Springer Open**” - Detecting high indoor crowd density with Wi-Fi localization: A statistical mechanics approach, BIGD-D-19-00002, 06 Feb 2019.
2. Acted as a reviewer for “**Journal of Big Data – Springer Open**” - AN EXPLORATION OF IT MANAGERS' EXPERIENCES MEETING BIG DATA DEMANDS, BIGD-D-18- 00159, 06 Feb 2019.
3. Acted as a reviewer for “**Journal of Big Data – Springer Open**” - Big Data–Driven Smart Sustainable Urbanism: Foundations, Datafication, Underlying Factors, and Challenges and Open Issues, BIGD-D-18-00136R2 , 06 Feb 2019
4. Acted as a reviewer for “**Journal of Big Data – Springer Open**” - Intelligent video surveillance: a review through deep learning techniques for crowd analysis, BIGD-D-18-00152, 30 Dec 2018.  
<https://journalofbigdata.springeropen.com/>
5. Acted as a reviewer for “**Journal of Big Data – Springer Open**” - Big Data–Driven Smart Sustainable Urbanism: Foundations, Datafication, Underlying Factors, and Challenges and Open Issues, BIGD-D-18-00136R1 , 30 Dec 2018
6. Acted as a reviewer for “**Journal of Supercomputing – Springer**” - Application-Level Evidence Building For Cloud Forensics Using Amazon Web Service (AWS), SUPE-D-18-00458 - 23 Nov 2018
7. Acted as a paper reviewer for “**Journal of The Institution of Engineers (India): Series B -Springer**” - Solar Resource Assessment and Life Cycle Cost Analysis of Solar PV in India, IEIB-D-18-00052 - 23 Jul 2018

8. Acted as a reviewer for “**Journal of Supercomputing – Springer**” - Remote user authentication and key agreement for mobile client-server environments on elliptic curve cryptography - SUPE-D-18-00219 - 30 Jun 2018

**Research Summary:**

	2017	2018	2019	2020	2021	2022	2022
						Completed	In-Progress
<b>Patents - Filed</b>	3			1			5
<b>Patents – Published</b>		3					
<b>Scopus - Publications</b>		1		4	5	3	
<b>Web of Science - Publications</b>					4		3
<b>Elsevier plus Scopus publications</b>			5	2			
<b>Springer - Publications</b>							2
<b>Thomson Reuters - Publications</b>		1	2	1		1	
<b>UGC - Publications</b>	1	2				3	
<b>UGC Plus Thomson Reuters Publications</b>		2	7	1		2	
<b>Google Scholar Publications</b>	8	2	1				

Conferences – IEEE / Scopus		5		1			
Paper Review		5	4				

**Paper Presentations:(Total – 6)**

1. Investigations and Findings on the Cloud Computing architecture for the improvement of the Security research Paper by Dr.K.Sai Manoj Proceedings of the second international conference on computing, communications and Data Engineering (CCODE-2019) held on February 1-2,2019 at Sri Padmavathi Mahila Viswavidyalayam,Tirupati.All the reviewers, experts and Media people appreciated the presentation of Delegate Dr.K.Sai Manoj
2. Cloud Security Risk Factors and Security Issues in current trends research paper by Dr.K.Sai Manoj Proceedings of the International Conference on Materials, Applied Physics and Engineering (ICMAE2018) at Effotel Hotel Indore on June 3<sup>rd</sup> and 4<sup>th</sup> 2018. Paper Number: 443. All the IIT Indore experts were appreciated by the quality of the Paper Presentation by Dr.K.Sai Manoj and also this article was promoted to Scientific Publication.
3. Analysis of the Cloud Computing Architectures for the Better Security research Paper by Dr.K.Sai Manoj Proceedings of the International Conference on the Recent Innovations in Electrical and Electronic Communication Engineering (ICRIEECE-2018) at KIIT Bhubaneswar on 27<sup>th</sup> and 28<sup>th</sup> July 2018. Paper Number: 633.All the KIIT University Panel members were appreciated about the quality of this research article. Also this research article was promoted to IEEE XPlore Digital Library. Technical Support by IEEE Bhubaneswar.
4. Conceptual based Investigation on the Data Mining Techniques for the Prediction of Hydration assessment, Breath analysis and Heart disease. Research Paper by Dr.K.Sai Manoj Proceedings of the International Conference on the Innovations in Engineering Technology and Sciences (ICIETS 2018) at NIE Institute of Technology, Mysuru on September 20-21, 2018. This Practical Oriented research article was appreciated by the NIE Experts. Also this research article was promoted to IEEE XPlore Digital Library. Technical Support by IEEE Bangalore.
5. Towards CLOUD COMPUTING: A literature survey on the cloud computing Risk Factors and Security issues in current trends research Paper by Dr.K.Sai Manoj Proceedings of the International Conference on New trends in Engineering and Technology at GRT institute of engineering and technology,Tiruttani

on September 7<sup>th</sup> and 8<sup>th</sup> 2018. Also this research Paper was Promoted to IEEE Xplore Digital Library.

Technical support by IEEE Chennai

6. Research based on the new algorithms for the complex Infrastructure as a Service (IaaS) research article by Dr.K.Sai Manoj appreciated by both BITS (Baba Institute of Technology and Sciences, Visakhapatnam, India and Institution of Engineering Research and Publication (IFERP) at Global Webinar and Engineering, Science and Technology- GWEST 2020 on 13<sup>th</sup> and 14<sup>th</sup> June 2020.

**Paper Publications:(Total – 58, First Author:50, Second Author:8)**

**Scientific Papers: Total – First author: 24**

**Second Author: Nil**

**Web of Science Papers 4 (Web of Science ResearcherID ABG-8928-2021)**

1. Cyber Security And Privacy Internal Attacks Measurements Through Blockchain, Dr.K.Sai Manoj, IT in Industry, Vol. 9, No.1, 2021, Published Online 16-03-2021
2. A Process of Developing a Mobile Cyber Physical system Utilizing Blockchain, Dr.K.Sai Manoj, Vidyabharati International Interdisciplinary Research Journal (VIIRJ) (Web of Science Group)
3. Developing A Service Software WSN For The Process of Blockchain, Dr.K.Sai Manoj, International Journal of Aquatic Science (IJAS) (Web of Science Group)
4. Systematic Outline of Computer Oriented Safety and Evaluates Its Threats, Dr.K.Sai Manoj, International Journal of Aquatic Science (IJAS)

**Scopus Papers 20 (Scopus Author ID: 57204910578)**

1. Investigation of the Efficiency of an Internet of Healthcare Things for Healthcare Monitoring Using M/M/C/K Queuing Models Dr. K. Sai Manoj Journal of Positive School Psychology [Vol. 6 No. 5 \(2022\)](https://journalppw.com/index.php/jpsp/article/view/8842)  
<https://journalppw.com/index.php/jpsp/article/view/8842>
2. Disease Diagnosis Model for Smart Healthcare Systems Using Artificial Intelligence and the Internet of Things Dr. K. Sai Manoj Journal of Positive School Psychology [Vol. 6 No. 5 \(2022\)](https://journalppw.com/index.php/jpsp/article/view/8843)  
<https://journalppw.com/index.php/jpsp/article/view/8843>
3. To Promote Health Data Security in Mobile Cloud Computing By Using the Modular Encryption Protocol Dr. K. Sai Manoj Journal of Positive School Psychology [Vol. 6 No. 5 \(2022\)](https://journalppw.com/index.php/jpsp/article/view/8844)  
<https://journalppw.com/index.php/jpsp/article/view/8844>
4. Developing a Systematic Blockchain System for Security and Privacy Management in IoT, Dr.K.Sai Manoj Nat.Volatiles&Essent.Oils,2021;8(4):29-33



5. CYBER RISK IN BANKING SERVICES: THE EXTENT OF CYBER RISKS PREVISIONS AND SECURITY MEASURES, Dr.K.Sai Manoj, International Journal of Management (IJM) Volume 12, Issue 1, January 2021, pp. 1332-1339 Article ID: IJM\_12\_01\_117
6. CYBER-SECURITY: DETECTING IDENTITY DECEPTION ON SOCIAL MEDIA PLATFORMS, Dr.K.Sai Manoj, International Journal of Electrical Engineering and Technology (IJEET) ,Volume 12, Issue 1, January 2021, pp. 98-108, Article ID: IJEET\_12\_01\_011
7. DETECTION OF PLANT DISEASE USING DEEP LEARNING TECHNIQUES, Dr.K.Sai Manoj, International Journal of Advanced Research in Engineering and Technology (IJARET) ,Volume 12, Issue 1, January 2021, pp.911-924 Article ID: IJARET\_12\_01\_083
8. BANKS' HOLISTIC APPROACH TO CYBER SECURITY: TOOLS TO MITIGATE CYBER RISK, Dr.K.Sai Manoj, International Journal of Advanced Research in Engineering and Technology (IJARET) ,Volume 12, Issue 1, January 2021, pp. 902-910, Article ID: IJARET\_12\_01\_082
9. Major Issues and Challenges in Energy Efficient Cloud Storage Service, Dr.K.Sai Manoj, *PSYCHOLOGY AND EDUCATION (2020) 57(9): 2041-2048 ISSN: 00333077.*
10. PoAh: Proof-of-Authentication for Post-Blockchain Based Security in Large Scale Complex Cyber-Physical Systems, Dr.K.Sai Manoj, *PSYCHOLOGY AND EDUCATION (2020) 57(9): 2031-2040 ISSN: 00333077.*
11. Adaptive Street Light Monitoring Using Internet of Things, International Journal of Advanced Science and Technology, Dr.K.Sai Manoj, Volume-29 Bo:7s(Special Issue), June 2020.  
<http://sersc.org/journals/index.php/IJAST/article/view/25699>
12. A Novelty on Mobile Devices Fast Authentication and Key Agreement, International Journal of Psychosocial Rehabilitation (ISSN: 1475-7192), Dr.K.Sai Manoj, Volume-24, Issue -8, February 2020.  
<https://www.psychosocial.com/article/PR281261/27994/>
13. Blockchain Cyber Security Vulnerabilities and Potential Counter measures, International Journal of Innovative Technology and Exploring Engineering (IJITEE) Dr.K.Sai Manoj Dr.P.S.Aithal ISSN: 2278 3075,Volume-9, Issue-5, March 2020 <http://www.ijitee.org/wp-content/uploads/papers/v9i5/E2170039520.pdf>
14. Data Mining and Machine Learning Techniques for Cyber Security Intrusion Detection, International Journal of Engineering and Advanced Technology (IJEAT) Dr.K.Sai Manoj Dr.P.S.Aithal ISSN: 2249 - 8958, Volume-9 Issue-3, February, 2020 <https://www.ijeat.org/download/volume-9-issue-3/>
15. Design and Development of Various Cloud Computing Architectures Improving the Security International Journal of Innovative Technology and Exploring Engineering (IJITEE)Dr.K.Sai Manoj ISSN: 2278-3075, Volume-8 Issue-12S2, October 2019 )
16. Research on the Security Policies for Cloud Computing International Journal of Innovative Technology and Exploring Engineering (IJITEE) Dr.K.Sai Manoj ISSN: 2278-3075, Volume-8 Issue-12S2, October 2019<http://www.ijitee.org/wp-content/uploads/papers/v8i12S2/L107610812S219.pdf>



17. Conceptual based on the Data Mining Techniques for the Prediction of Hydration Assessment, Breath Analysis and Heart Disease International Journal of Innovative Technology and Exploring Engineering (IJITEE) Dr.K.Sai Manoj ISSN: 2278-3075, Volume-8 Issue-12S2, October 2019  
<http://www.ijitee.org/wp-content/uploads/papers/v8i12S2/L107510812S219.pdf>
18. Cloud security: risk factors and security issues in current trends Dr.K.Sai Manoj International Journal of Engineering & Technology, Science Publishing Corporation October 2019 (Scopus) (Single Author)  
<https://www.sciencepubco.com/index.php/ijet/issue/view/495>
19. Risk Factors And Security Issues In Various Cloud Storage Operations Dr.K.Sai Manoj Volume-8 Issue-12, October 2019, ISSN: 2278-3075 (Online) Published By: Blue Eyes Intelligence Engineering & Sciences Publication (First Author) (Elsevier Scopus)
20. Conceptual oriented study on the cloud computing architecture for the full-security, Dr.K.Sai Manoj International Journal of Engineering & Technology, Science Publishing Corporation 2018 (First Author) (SPC) <https://www.sciencepubco.com/index.php/ijet/article/view/11654>

#### Other Paper Publications: Total

**First author : 24**

**Second author: 8**

#### Thomson Reuters & UGC Approved Papers:

**Total: 12**

1. CHALLENGING ISSUES RELATED TO SOME SPECIFIC IMPORTANT PROBLEMS IN THE CLOUD PLATFORM by Dr.K.Sai Manoj published in the merit list by International Journal of Computer Engineering and Applications Volume XIII, Issue VIII August 2019. ( UGC Approved Journal with Thomson researcher id) (Single author)
2. Conceptual Oriented Analysis On The Industrial Standard Cyber Security by Dr.K.Sai Manoj published in International Journal of Computer Science Trends and Technology (IJCSST) – Volume 7 Issue 4, Jul - Aug 2019 (Single author)<http://www.ijcsstjournal.org/volume-7/issue-4/IJCSST-V7I4P3.pdf>
3. CONCEPTUAL ORIENTED ANALYSIS ON THE IMPACT ON THE CLOUD SECURITY ON THE CYBER ATTACKS by Dr.K.Sai manoj selected in the merit list by Journal of Analysis and Computation (JAC) (An International Peer Reviewed Journal), www.ijaonline.com, ISSN 0973-2861 Volume XII, Issue I, May 2019 (First Author) <http://www.ijaonline.com/conceptual-oriented-analysis-impact-cloud-security-cyber-attacks/>
4. INVESTIGATIONS ON THE CLOUD DATA STORAGE SECURITY BASED USING DIFFIE HELLMAN ALGORITHM by Dr.K.Sai Manoj selected in the merit list by International Journal of Computer Engineering and Applications, Volume XIII, Issue VI, JUNE. 19, www.ijcea.com ISSN 2321-3469 (First Author) <http://www.ijcea.com/investigations-cloud-data-storage-security-based-using-diffie-hellman-algorithm/>
5. Analysis of the Technique for the Improvement of the Data Confidentiality in the Cloud Computing Environment by Dr.K.Sai Manoj Published in international Journal of Computer Science Trends and



Technology (IJCST) – Volume 7 Issue 4, Jul - Aug 2019 (**First Author**)

<http://www.ijestjournal.org/volume-7/issue-4/IJCST-V7I4P5.pdf>

6. Conceptual oriented analysis on the modern tools and techniques to Enrich Security Vulnerabilities in Ethical Hacking Dr.K.Sai Manoj International Journal of Computer Science Trends and Technology (IJCST) in May-June 2019, Volume Number 7 Issue3 with ISSN: 2347-8578 & ISO 3297:2007.This Journal has Thomson Reuters ResearcherID: M-3066-2016. (**First Author**)  
<http://www.ijestjournal.org/volume-7/issue-3/IJCST-V7I3P25.pdf>
7. Investigation on the Cloud Computing in terms of the current trends and also to meetthe important challenges with security for the improvement of the Health care services Dr.K.Sai Manoj IJCEA Feb. 2019, with Thomson Reuters Research Id: P1671-2016. Also It is UGC approved Journal. For this article author Dr.K.Sai Manoj research article in the merit list from the Reviewers and Editorial Team. (**First Author**)  
<http://www.ijcea.com/investigation-cloud-computing-terms-current-trends-also-meet-important-challenges-security-improvement-health-care-services/>
8. Investigation on the security aspects of the cloud computing using symmetric and asymmetric algorithms , Dr.K.Sai Manoj International Journal of Computer Engineering and Applications, Volume XIII, Issue I, January. 19, www.ijcea.com ISSN 2321-3469 with Thomson Reuters Research Id: P1671-2016. Also It is UGC approved Journal. For this article author Dr.K.Sai Manoj received appreciation certificate in the merit list from the Editor. (**First Author**) <http://www.ijcea.com/investigation-security-aspects-cloud-computing-using-symmetric-asymmetric-algorithms/>
9. Investigation on the Attribute Based Encryption for Secure Data Access in Cloud, Dr.K.Sai Manoj International Journal of Computer Science Trends and Technology (IJCST) with Thomson Reuters Researcher ID: M-3066-2016 – Volume 6 Issue 6, Nov-Dec 2018. ISSN: 2347-8578 (**First Author**)  
<https://www.scribd.com/document/393639933/IJCST-V6I6P13-Dr-K-SAI-MANOJ-Ms-K-Mrudula-Mrs-K-Maanasa-K-Phani-Srinivas>
10. INVESTIGATION ON THE DATA SECURITY IN CLOUD COMPUTING USING BIOMETRICS International journal of current advanced research UGC approved and also Thomson Reuters journal with researcher id and END NOTE ISSN: O: 2319-6475, ISSN: P: 2319-65,Impact factor:6.614, Volume 7;Issue 12(B);December 2018;Page No.16473-16475.( **First Author**)  
<http://journalijcar.org/issues/investigation-data-security-cloud-computing-using-biometrics>
11. Research on the Function of Block Chain and Its Process, Dr.K.Sai Manoj International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 9, Issue 5, May - 2021, Impact Factor: 7.429, Available online at: [www.ijaresm.com](http://www.ijaresm.com)

12. A DIGITAL RECORD FOR PRIVACY AND SECURITY IN INTERNET OF THINGS International Journal of Application or Innovation in Engineering & Management (IJAIEM), Volume 10, Issue 6, June 2021, ISSN 2319 – 4847.

### Thomson Reuters Papers:

**Total: 5**

1. Conceptual Oriented Analysis on the Security based on the SaaS Cloud Computing Architecture for the Cyber Security Issues by Dr.K.Sai Manoj published in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177 Volume 7 Issue VII, July 2019 (**First Author**) <https://www.ijraset.com/fileserve.php?FID=24254>
2. A Study on identifying defects and solutions of search engines, Dr.K.Sai Manoj, Global Journal of Engineering Science and Research Management – January 2018 (Second Author)
3. INVESTIGATION ON THE ON THE CLOUD COMPUTING SECURITY USING PET AND REMOTE ATTESTATION IN CLOUD ARCHITECTURES by Dr.K.Sai Manoj published in International Journal of Current Advanced Research Volume 8; Issue 10 (D); October 2019 <http://dx.doi.org/10.24327/ijcar.2019> Impact Factor: 6.614 ISSN: O: 2319-6475, ISSN: P: 2319-6505 ; October 2019 <http://journalijcar.org/issues/investigation-cloud-computing-security-using-pet-and-remote-attestation-cloud-architectures>
4. Research on Security and Vulnerabilities of Blockchain Systems by Dr.K.Sai Manoj published in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177 Volume 8 Issue I, Jan 2020 (Single Author) <https://www.ijraset.com/fileserve.php?FID=26233>
5. Role of Tourism in India's Economic Development, Dr.K.Sai Manoj, International Journal of Advanced Research (IJAR) (Research Article) Thomson Reuters Publons.

### UGC Approved Journal Papers:

**Total: 6**

1. Investigation on the Data Protection in the Cloud using Predicate Based Encryption International Journal of Computer Science and Information Technology Research UGC approved with ISSN 2348-120X (online) Vol. 6, Issue 4, pp: (61-65), Month: October - December 2018.( **First Author** ) <http://www.researchpublish.com/journal/IJCSITR/Issue-4-October-2018-December-2018/0>
2. Content Filtering and cloud based intrusion detection system, Dr.K.Sai Manoj, Global Journal of Engineering Science and Research Management – January 2018 (**First Author – Thomson Reuters**)

3. A Survey on Protection of Multimedia Content in Cloud Computing, Dr. K.Sai Manoj, Mrudula Kudaravalli, International Journal of Computer Science and Mobile Computing - Vol.6 Issue.11, November- 2017, pg. 7-11 (**First Author**)  
<http://ijcsmc.com/docs/papers/November2017/V6I11201705.pdf>
4. A Learning of Intimidation of Computer Safety for Future Dr.K.Sai Manoj International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-07, Issue-01, APR 2021 (First Author) Approved by UGC and Advanced Science Index (ASI), Germany.  
<http://ijream.org/papers/IJREAMV07I0171073.pdf>
5. Impact of Covid 19 on International Tourism Industry,Dr.K.Sai Manoj Journal of Information and Computational Science ISSN: 1548-7741 Volume 11 Issue 6 – 2021
6. A Digital Record for Privacy and Security in Internet of Things, Dr. K. Sai Manoj International Journal of Scientific Research in Science, Engineering and Technology

#### Google Scholar related Research Papers:

#### Total: 11

1. UNCRACKABLE CIPHER DYNAMIC DOUBLE ENCRYPTION STANDARD IN CLOUD FOR DATA ACCESS CONTROL AND PRIVACY PRESERVING MECHANISM Dr. K. Sai Manoj, World Journal of Engineering Research and Technology WJERT ( First Author)  
[https://www.wjert.org/admin/assets/article\\_issue/35102019/1575371428.pdf](https://www.wjert.org/admin/assets/article_issue/35102019/1575371428.pdf)
2. Protecting Sensitive Labels in Social Network Data Anonymization, Dr. K. Sai Manoj, International Journal of Modern Engineering Research (Second Author)  
[http://www.ijmer.com/papers/Vol8\\_issue1/Version-1/D0801014567.pdf](http://www.ijmer.com/papers/Vol8_issue1/Version-1/D0801014567.pdf)
3. Analysis Of Innovative Phased Array Antenna For The Space Based Applications As Per The Industrial Standards, Dr. Sai Manoj, International Journal of New Technologies in Science and Engineering , Vol. 5, Issue. 2, 2018, ISSN 2349-0780 (Second Author)
4. A Study on Data Controller-Preserving Public Auditing for Secured Cloud Storage, Dr. K. Sai Manoj, International Journal of Modern Engineering Research (**First Author**)  
[http://www.ijmer.com/pages/Vol.8-Iss.1\(Version-1\).html](http://www.ijmer.com/pages/Vol.8-Iss.1(Version-1).html)
5. **Data acquisition** through telephone K.Phani srinivas , Dr.K.Sai Manoj, International journal of recent Engineering and Development October 2017 Volume 02 – Issue 10 PP 01-05. www.ijrerd.com || Volume 02 – Issue 10 || October 2017 || PP. 50-54 (Second Author)
6. **Literature survey on the** destruction of attaches with MH HOP to HOP to HOP-AODV Routing Protocol in Vehicular Ad-hoc Network, Dr.K.Sai Manoj, Mrudula Kudaravalli , © December 2017 || Volume 4 Issue 7 | ISSN: 2349-6002 (Second Author)  
<http://ijirt.org/Article?manuscript=145037>

7. **Analysis of Rectangular Micro-Strip Patch Antenna for Wi-Fi Applications** , K Phani Srinivas 1, Dr.K.Sai Manoj2 , Mrudula Kudaravalli , International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 04 Issue: 11 | Nov -2017 [www.irjet.net](http://www.irjet.net) p-ISSN: 2395-0072 (Second Author)<https://www.irjet.net/archives/V4/i11/IRJET-V4I11305.pdf>
8. **A Dynamic Framework** of Advanced Mobile Video Streaming and Social video sharing in clouds, Dr. Sai Manoj Kudaravalli, International Journal of Engineering Research Online. Vol.5.,Issue.5,2017, sept-oct, ISSN:23217758.With an Impact Factor 5.8701, Article available online <http://www.ijoer.in>. (Second Author)
9. **Faster content sharing over smart phone** based Delay- tolerant networks. Dr. Sai Manoj Kudaravalli, International Journal of Engineering Research- Online. Vol.5,Issue.4,2017,ISSN: 2321-7758. July-Aug. Article available online <http://www.ijor.in>; (**First Author**)
10. An Efficient and Novel Approach Using T.H.E.S Methodology for CBIR, Dr. Sai Manoj Kudaravalli, International journal of computer science Mechatronics. SJIF-4.454|Vol.3.Issue .5.2017. ISSN: 2455-1910. (Second Author)
11. **SOA Based CAM Cloud- Assisted Privacy** Preserving Mobile Health Monitoring, Dr. Sai Manoj Kudaravalli, International journal of computer science Mechatronics. SJIF-4.454|Vol.3.Issue .6.2017. ISSN: 2455-1910. (**First Author**)

### Workshops

- Attended international conference on “Cybersecurity Standards and Ethical hacking” by NCSSS
- Conducted four workshops as a resource person on “Ethical hacking” in Sai Tirumala Engineering College, NEC, Tirumala Engineering College and Amrita Sai Institute of Science and Technology.

### Research Projects Guidance

- Currently guiding 8 in-house research projects in the areas of IoT, Cloud Computing, Big Data, SEO etc. in Innogeecks Technologies – 2 more patents are in pipeline

### In-house Research Projects: (Total – 9)

- An algorithm approach to overcome multi-tenancy and security related issues in cloud architectures
- Integration of enterprise service bus (ESB) with Cloud architectures
- End-to-end ICT based tourism framework for Andhra Pradesh using IoT, Cloud Computing and AI
- IoT enabled intelligent chair with Cloud integration
- CAAS (Cache as a service) in Cloud Architecture
- AI based algorithm for improving online social interactions using neural networks



- AI based SEO automated tool using neural networks
- Neural Networks based data analysis tool using R programming and Python
- An improved end-to-end private blockchain model with customised cryptocurrency

**Research Areas:**

- Cyber Security, Cloud Computing, AI&ML, Blockchain (DLT)

Date: 29.07.2022

Place: Vijayawada

Signature

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