# List of Publications (Shivendu Mishra(A.P(IT)))

## Book/Book Chapter/Journal/Conference Publications [25]

### Book Published [01]
1. "SOA Security Framework Design and Implementation", Lambert Academic Publishing. ISBN: 978-620-0-27913-2.

### Book Chapter Published [02]:

1. Shivendu Mishra with Prince Rajpoot et.al. "A Comparative Study of Heuristics and Meta-Heuristics Algorithms with issues in WSN" International Conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications (ICMISC 2020), **Springer (Scopus index).**
2. Shivendu Mishra with Ritika Yaduvanshi et.al, "**A Security Framework for Service Oriented Architecture Based on Kerberos**", In Proc. of Computational intelligence, Communications and Business Analytics in computer science and engineering (CICBA-2018)", Communications in Computer and Information Science, vol 1031,pp. 402-410, Springer, Singapore **(Scopus Index)**

### Journal Papers [10]:
1. Mishra, Shivendu & Yaduvanshi, Ritika & Dubey, Kumkum & Rajpoot, Prince. (2021). ESS-IBAA: Efficient, short, and secure ID-based authentication algorithm for wireless sensor network. International Journal of Communication Systems. 34. 10.1002/dac.4764. Impact factor: 2.047
2. Shivendu Mishra with Ritika Yaduvanshi et.al. **"Effect of Social Distancing on Coronavirus Disease 2019 Spread Controlling: A Mathematical Modeling"** Asian Pacific Journal of Health Sciences (APJHS), Vol. 8(1), 2021 (NAAS Rating 4, 19).
3. Shivendu Mishra with Sweta Tiwari et.al. **"Review on energy consumption of the sorting algorithms and involvement of programming languages"** Test Engineering and Management *ISSN: 0193-4120 Page No. 7033 - 7041*, 2020 (**Scopus index journal)**.
4. Shivendu Mishra with Ritika yaduvanshi et al. **"VANET: Attacks and privacy preserving protocols",** International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol. 8(07), ISSN 2319-5940, 2019 (NAAS Rating 3.45).
5. Shivendu Mishra with Krishna Verma et al. "**A Study on VANET and its Security Issues**", International Journal of Recent Sci Res. (IJRSR). Vol. 10(06), pp. 33298-33303, 2019 (NAAS Rating 3.65).
6. Shivendu Mishra with Nimisha Yadav et.al. "**To Study the Effect of Convection and Electric Field Load Parameter On Mhd Couette Flow Past a Channel with Highly Permeable Bed",** Journal of Emerging Technologies and Innovative Research (JETIR). Vol.06, March-2019 (UGC-Approved).
7. **Shivendu Mishra,** Rajeev Anand Sahu, and Sahadeo Padhye, "**An efficient Multi-proxy system for Proxy signature scheme," DLINE Journal** of Information Security Research, Vol. 2, No. 1, 2011.

8. **Shivendu Mishra**, Ritika Yaduvanshi, Anjani Kumar Rai and Nagendra Pratap Singh**,"** **An ID-Based Signature Scheme from Bilinear Pairing Based on ex-k-plus Problem,**" Journal of Advanced Materials Research, Vol. 403-408, pp. 929- 934, 2011.

9. Shivendu Mishra with Anjani K. Rai and Vimal Kumar, "**An Improved Password Based EAP Method for WiMAX with Formal Verification,**" International Journal of Computer Science and Applications (IJCA), Vol. 8, pp. 29-35, 2011.

10. Shivendu Mishra with Anjani K.Rai and Vimal Kumar," **Strong Password based EAP-TLS Authentication Protocol for WIMAX**", International Journal on Computer Science and Engineering. Vol. 02, No. 08, pp. 2736-2741, 2010 (UGC-Approved).

**Conference Proceedings [12]:**

1. Shivendu Mishra and Rajiv Misra "Delay Analysis for P2P Systems using LPWAN" accepted in ICIOTCT 2020 conference **(In Press).**

2. Shivendu Mishra with Akash Kumar Maurya et. al. "Relative Distance Based Fuzzy Clustering Approach for Wireless Sensor Networks", Second International Conference on Advances in Electrical, Electronic and System Engineering, 2019 (ICAEESE2019), IEEE Xplore publication **(In Press).**

3. Shivendu Mishra with Rohit Kumar et. al. "Energy Distribution based Cluster Head Selection to Enhance the Lifetime of WSN", Second International Conference on Advances in Electrical, Electronic and System Engineering, 2019 (ICAEESE2019), IEEE Xplore publication **(In Press).**

4. Shivendu Mishra with Kumkum Dubey et. al. "Optimization of Data Collection process in Heterogeneous WSN using Fuzzy and Multi-Attribute based Load Balancing Approach", Second International Conference on Advances in Electrical, Electronic and System Engineering, 2019 (ICAEESE2019), IEEE Xplore publication **(In Press).**

5. Shivendu Mishra with Prince rajpoot et. al. "An enhanced approach for energy optimization using protocol based on multi factors", 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication (ICCMC 2019) **(Scopus Index).**

6. Shivendu Mishra with Kumkum dubey et. al. "Load Balanced Clustering protocol for lifetime enhancement of WSN", 3rd IEEE Technically Sponsored International Conference on Computing Methodologies and Communication (ICCMC 2019) **(Scopus Index).**

7. Shivendu Mishra with Ritika Yaduvanshi**, "An Efficient and Secure Pairing Free Short ID-Based Signature Scheme over Elliptic Curve**", In Proc. Of 2nd International Conf. on Advanced Computing and Software Engineering (ICACSE-19) at KNIT, Sultanpur, UP, India, Elsevier SSRN **(Scopus Index).**

8. Shivendu Mishra with Ashish kr. Mishra et. al. "**A Subjective Trust Management System in Multi-Cloud Environment**" in Proceedings of Confluence-2019: 9th IEEE International Conference **(Scopus Index).**

9. **Shivendu Mishra**, Rajeev Anand Sahu, Sahadeo Padhye and Rama Shankar Yadav," **An ID-based signature scheme From Bilinear Pairing Based on k-plus Problem,**" In Proc. 3rd International Conf. on Electronics Computer Technology (ICECT- 2011), Kanyakumari, India, IEEE, Vol. 6, pp. 104-107, 2011.

10. **Shivendu Mishra**, Rajeev Anand Sahu, Sahadeo Padhye and Rama Shankar Yadav, "**Efficient ID-based multi-proxy signature scheme from bilinear pairing based on k-plus problem**," In Proc. International Conf. on Integrated Computing Technology(INTECH2011) Brazil south, CCIS, Springer, Vol. 165, pp. 113-122, 2011.

11. Shivendu Mishra with Anjani K. Rai and Vimal Kumar, "**An Efficient Password Authenticated Key Exchange Protocol for WLAN and WIMAX**," In Proc. of International Conf. & Workshop on Emerging Trends in Technology (ICWET '11) Mumbai India, ACM, pp. 881-885, 2011.

12. Shivendu Mishra with Anjani K. Rai and Pramod Narayan Tripathi, "**An Improved Secure Authentication Protocol for WiMAX with Formal Verification**," In Proc. International Conf. on Advances in Computing and Communication (ACC-2011), Kochi, India, CCIS, Springer, Vol. 191, pp. 407-416, 2011.