

## LIST OF PUBLICATIONS

1. **Kalaiselvi, R** & Kavitha, V 2012, 'Crypto System based Authentication using CSTA in Grid', Published in International Journal of Computer Applications (IJCA) - June Edition 2012, vol. 48, no.22, pp. 45-51. Impact Factor =0.814.
2. **Kalaiselvi, R** & Kavitha, V 2012, 'Authentication in Grid Security Infrastructure –Survey', Published in Procedia Engineering 38(2012) Elsevier. Oct. vol. 38, pp. 4030-4036. Impact Factor =0.40. (Annexure II).
3. **Kalaiselvi, R** & Kavitha, V 2013, 'Efficient Technique for Authentication and Integrity of data in Grid using CSTA', published in Asian Journal of Information Technology (AJIT), vol.12, no.10, pp. 318-324(Annexure II).
4. **Kalaiselvi, R** & Kavitha, V 2013, 'Performance Evaluation of CSTA Based Effective Transpiration in Data Hiding', published in International Review on Computers and software (IRECOS), vol.8, no. 12, pp. 2953-2958. (Annexure II).
5. AnanthaPadmanabhan, NK, **Kalaiselvi, R** & Kavitha, V 2014, 'Novel Approach for Grid Security using Group Key Protocol and CSTA', published in Journal of Emerging Technologies (JET), vol.8 Special, issue1, pp. 246-250.
6. **Kalaiselvi, R** & Kavitha, V 2014, 'Secure data Sharing System using CSTA in Grid Environment', published in Journal of Convergence Information Technology (JCIT), vol. 9, no. 2, pp. 51-60. (Annexure II)
7. **Kalaiselvi, R** & Kaumudi, P R 2014, 'Novel Approach for Protecting Grid from Cross Domain Attack', published in Journal of Emerging Technologies (JET), vol.8 Special, issue1, pp. 274-278.
8. **Kalaiselvi, R** & Jemin Sherji, R 2014, 'Benefits and Requirements of Grid (CAM4G) in Climate Application Model', published in Journal of Emerging Technologies (JET), vol.8 Special, issue2.
9. **Kalaiselvi, R** & Kavitha, V, 'An efficient Mechanism for protecting grid from attack using GSOC' published in International Journal of Enterprise Network Management (IJENM), Inter science publications, vol.6, no.4, pp.312-323. Dec 2015.
10. **Kalaiselvi, R** & Akil Krishnan 2015, 'Survey on Virtual Laboratory Platform for Network Security Education in Cloud', published in Journal of

Emerging Technologies (JET), vol.10 Special issue-II, pp. 68-71, ISSN No: 0973-2993.

11. Sulu V, Steffy Ann Kuruvilla,Vibisha R.V&**Kalaiselvi R**, 2017 ‘Implementation of Cost Effective IOT Based Home Automation System ’, published in International Journal of Research in Engineering and Bioscience,vol.6,no.3,pp.51-55.
12. S.Rajeswari, Rabubbiyya Aiiysha Zahra & **Kalaiselvi R**, 2017‘A Survey on the Different Cryptographic Techniques used for Data Access Control in Cloud Computing’, published in International Journal of Current Engineering and Scientific Research(IJCESR), vol.5,no.4,pp.49-53.ISSN(print):2393-8374,(On-Line):2394-0697.
13. J.Nirosy, & **Kalaiselvi R**,2017 ‘GPU-Accelerated Cloud Computing for Multimedia Applications ’, published in International Journal of power systems and power Electronics ,vol.1,no.1,pp.1-4,2018.
14. Rajeswari M,**Kalaiselvi, R** , ‘Multi-Authority based Data Fragment Technique for Secure Storage and Sharing in Cloud computing’ on Journal of Advanced Research in Dynamical and Control Systems- vol.11,no.7,pp.929-935.ISSN: 1943-023X July 2019( Scopus )
15. Dhanya R, Kalaiselvi R, ‘Novel Copy Move Forgery Detection Based on Repeated Feature Extraction and Delaunay Triangulation’ on International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-3, January 2020. DOI: 10.35940/ijitee.C8971.019320. Published By: Blue Eyes Intelligence Engineering & Sciences Publication.

Dhanya R, Kalaiselvi R, ‘Novel Adaptive Segmentation Based Forgery Detection Method’ on Journal of Computational and Theoretical Nano science Vol. 16, 2945–2949, March 2019.

S.V. Jinisha, Kalaiselvi R, ‘A Survey of Bring your Own Picture for Securing Graphical Passwords’ on International Journal of Innovative Research in computer and Communication Engineering Vol. 8, Issue-3, 335–341, March 2020. **ISSN(Online): 2320-9801 ISSN (Print): 2320-9798 .**

S.V. Jinisha, Kalaiselvi R, ‘Combination of PassMatrix with Improved AES for securing Text and Image Passwords ’ on International Journal of Innovative Research in science Engineering and Technology Vol. 9, Issue-3, 916–926, March 2020. **ISSN(Online): 2319-8753 ISSN (Print): 2347-6710. .**

## NATIONAL /INTERNATIONAL CONFERENCE

1. **Kalaiselvi R** , Radha Krishnan S,2004, ‘Scheduling Computation on a Software –based Router’ in the National Conference on Recent Trends in Communication Technologies (NATCON’04) held at Department of Electronics & Communication Engineering ,Noorul Islam College of Engineering ,Kumaracoil on April 7-8,2004.
2. Co-authored a paper on “Scheduling Computation on a Software –Based Router” UGC Sponsored National Conference on Distributed Database and Computing, held on March 28&29,2004, organized by Department of Computer Science ,Gobi Arts & Science College (An Autonomous Institution Accredited by NAAC) Gobichettipalayam-638453.
3. Presented a paper on “Building a robust Software –Based Router using Network Processor” in the UGC sponsored National Conference on Network Security (NCNS 2008) held at Department of Computer Science, S.T.Hindu College, Nagercoil on Sept. 25<sup>th</sup> & 26<sup>th</sup> 2008.
4. **Kalaiselvi R**, Kavitha, V & Joselin, M 2012, ‘Survey in Improving Security by Enhancing Integrity in Grid’, Published in International Conference on Computational Intelligence and its Applications (ICCIA), Vivekanandha Institute of Engineering and Technology for Women, Elayampalayam, Tiruchengode, Tamilnadu, March 1 – 3, 2012.
5. Ezhil Devi.A & **Kalaiselvi R**, 2012 ‘Improving authentication in a Grid system using Cyclic shift transposition Algorithm’ in the International Conference, Maria College of Engineering & Technology.
6. **Kalaiselvi, R** & Dhanwa, D C, ‘CSTA based approach for improving integrity in Grid Environment’, in the International Conference on Emerging Trends in Information and Communication Engineering (ICICE’13) organized by the Computer Society of India ,Cape Student Branch, Cape Institute of Technology, Levengipuram, on 6<sup>th</sup> April 2013.
7. **Kalaiselvi, R** & Pratheesh, M, ‘Secure data sharing system for Grid computing using CSTA method’, in the International Conference on Emerging Trends in Information and Communication Engineering (ICICE’13) organized by the Computer Society of India ,Cape Student Branch, Cape Institute of Technology, Levengipuram, on 6<sup>th</sup> April 2013.
8. **Kalaiselvi, R** & Mohamed Arshad, M, ‘CSTA based Authentication and security in Grid Environment’, in the International Conference on Emerging Trends in Information and Communication Engineering (ICICE’13) organized by the Computer Society of India ,Cape Student Branch, Cape Institute of Technology, Levengipuram, on 6<sup>th</sup> April 2013.

9. **Kalaiselvi,R** & Bhathiriya Beevi,A, ‘Task Scheduling based on Genetic Algorithm in Computational Grid’, in the National Conference on Emerging Trends & Application in Computer Science (NETACS-2011) held at Ponjesly College of Engineering ,Nagercoil, Kanyakumari Dist,Tamil Nadu on 25<sup>th</sup> February 2011.
10. **Kalaiselvi,R** & Karthika Mohan,N S, ‘Grid based multimedia application for distributed tailoring and streaming of media’, in the National Conference on Emerging Trends & Application in Computer Science (NETACS-2011) held at Ponjesly College of Engineering ,Nagercoil, Kanyakumari Dist,Tamil Nadu on 25<sup>th</sup> February 2011.
11. **Kalaiselvi,R** & Akhil Krishnan,D, ‘Virtual Laboratory Platform for Hands-on Network Security Education in Cloud’,in the International Conference on Emerging Trends in Science, Engineering ,Business and Disaster Management(ICBDM-2015)organized by Department of Human Resource Management,Noorul Islam Centre for Higher Education,Noorul IslamUniversity,Kumaracoil,on27<sup>th</sup>&28<sup>th</sup>February 2015.
12. **Kalaiselvi,R** & Akhil Krishnan,D, ‘Cloud Based Virtual Laboratory Platform for Hands-on Network Security Education ’,in the National Conference on Emerging Trends in Applied Science and Technology(ETAST’15)organized by Department of Computer Science and Engineering in association with ICTACT,Noorul Islam Centre for Higher Education,Noorul Islam University,Kumaracoil,on 18<sup>th</sup> March 2015.
13. Vignesh, K,Joseph Anish,D & **Kalaiselvi,R**, ‘An Efficient Identity Based Ring Signature and Forward Security in cloud ’,in the National Conference on Green Initiatives and Smart Grid (GISCON’16) organized by Department of Electrical & Electronics Engineering at St.Xavier’s Catholic College of Engineering on 10<sup>th</sup> &11<sup>th</sup> March 2016.
14. Gopala Krishnan.G & **Kalaiselvi,R**, ‘Dynamic Distributed Defence against Attackers using DHT Protocol’, in the National Conference on Innovative Computing Techniques and Applications(NCICTA’16)organized by the Department of Computer Science and Engineering at VV College of Engineering, Tisaiyanvilai on 31<sup>st</sup> March 2016.
15. **Kalaiselvi.R**, ‘An effective method for profit maximization using WSP in Wireless Video Broadcast Network’, in the 7<sup>th</sup> International Conference on Emerging Trends in Engineering and Technology (ICETET 2017) organized by the Department of Computer Science and Engineering, Cape Institute of Technology in association with Multimedia University ,Malaysia and Computer Society of India Kanyakumari on 1<sup>st</sup> April 2017.

16. Rajeswari S & **Kalaiselvi, R** , ‘Survey of Data and Storage Security in Cloud Computing ’, published in Proceedings of 2017 IEEE International Conference on Circuits and Systems (ICCS 2017).
17. Dhanya R & **Kalaiselvi, R** , ‘A State of the Art Review on Copy Move Forgery Detection Techniques’, published in Proceedings of 2017 IEEE International Conference on Circuits and Systems (ICCS 2017).
18. **Kalaiselvi, R** , ‘Indian Fake Currency Detection using Embedded C’ at the National Conference on Innovative Computing Science and Engineering (NCICSE’19) organized by the Department of Computer Science and Engineering on 2<sup>nd</sup> April 2019.
19. Sahaya John Baby, **Kalaiselvi, R** , ‘A Survey of Hot News Detection system using Rule based Technique’ at the National Conference on Innovative Computing Science and Engineering (NCICSE’19) organized by the Department of Computer Science and Engineering on 2<sup>nd</sup> April 2019.
20. Sahaya John Baby, **Kalaiselvi, R** , ‘Hot News Detection system using Rule based Technique’ at the International Conference on Advances in Material Science & Nanotechnology (ICMN-2K19) organized by Stella Mary’s College of Engineering ,K.K.Dist on 29<sup>th</sup> & 30<sup>th</sup> April 2019.

### **Workshops/Seminars-Attended**

- Participation in the Faculty Development Progrmme conducted by the Department of Human Resource Management held at Noorul Islam University, Kumaracoil from 4<sup>th</sup> to 13<sup>th</sup> January 2010.
- Participated in the ISTE Chapter
- Participated in **5 Days Workshop on Grid Computing-WGC2011** held at the Department of computer Technology, MIT Campus, Anna University, Chennai. Organized by Centre For Modeling, Simulation and Design and Department of Computer and Information Sciences, University of Hyderabad. Sponsored by the Department of Science and Technology New Delhi from February 7-11, 2011.
- Attended the State Level 3-day Workshop on “Embedded Data Communication Networks” organized by the Department of ECE, Easwari Engineering College, Ramapuram, Chennai from 20<sup>th</sup>-22<sup>nd</sup> November 2006.

- Attended the one day workshop on “Infosys Foundation Program” conducted by NICHE faculty who were trained by INFOSYS under their Campus Connect Program on 7<sup>th</sup> June 2011.
- Attending the Faculty Development Program Ripple 2011 held at Cognizant, Chennai organized by Cognizant-ICT Academy of TamilNadu, Chennai from June 30-July 1, 2011.
- Attended the FDP on Recent Research Trends in Computer & Communication organized by the Department of CSE in Sun College of Engineering & Technology, Erachakulam from 16-18 June 2011.
- Attended the Two days seminar on Research Issues in Cloud and Grid computing organized by the Department of Computer Science and Engineering, Mepco Schlenk Engineering College, Sivakasi during October 14-15, 2011.
- Attended the one day workshop on Research Project Writing, held at Noorul Islam University, Kumarcoil on 21<sup>st</sup> August 2012.
- Participated in the Refresher and Faculty Development Programme held at the Noorul Islam University from 3-09-2012 to 7-09-2012.
- Participated in the One day National Level Workshop on “Research Techniques in Computer Science and Engineering” conducted by Department of CSE, SCAD College of Engineering and Technology on 8<sup>th</sup> September 2012.
- Participated in one day National Workshop on “BIG DATA” held on 29<sup>th</sup> August 2013 organized by Department of Computer Science & Engineering of Noorul Islam University, Kumarcoil.
- Participated in one day National Workshop on Knowledge Discovery for Research Applications organized by Department of Computer Science & Engineering of Noorul Islam University on March 24<sup>th</sup> 2014.
- Chaired /Co-chaired the Technical Session for the IEEE International Conference on Control Instrumentation Communication and Computational Technologies-2014 organized by the Department of Electronics and Instrumentation Engineering held on 10<sup>th</sup> and 11<sup>th</sup> July 2014 at Noorul Islam Centre for Higher Education.
- Participated in a two day National Workshop on Image Processing Techniques and Practical Applications using Matlab organized by Department of Computer Science & Engineering of Noorul Islam University on 21-08-2014 & 22-08-2014.
- Participation in the Faculty Orientation Programme held at Noorul Islam University, Kumarcoil from 9<sup>th</sup> to 11<sup>th</sup> June 2015.

- Served as one of the Technical Reviewer for the International Conference on Novel Issues and Challenges in Science and Engineering '16 organized by Department of Computer Science & Engineering of Noorul Islam University on 28<sup>th</sup> and 29<sup>th</sup> July 2016.
- Co-Ordinator for 2-days National level workshop on IOT delivered by Electro Cloud Lab in association with Department of Computer Science & Engineering at Noorul Islam University, Kumaracoil from 5<sup>th</sup> & 6<sup>th</sup> April 2017.