Dr.Manusankar C

UGC MINOR RESEARCH PROJECT

1. **MRP (H)-338/12-13/KLMG044/UGC-SWRO KLMG044, "Improved Virtual Test Bed and Testing Strategies for Antivirus and other Security Products for Developing an Open Source Alternative"**

IEEE PUBLICATION

1. **Manusankar, C.; Karthik, S.; Rajendran, T.; "Intrusion Detection System with packet filtering for IP Spoofing " Communication and Computational Intelligence (INCOCCI), 2010 International Conference on Publication Year: 2010 , Page(s): 563 – 567 http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5738791**

2. **C Balasankar, T Sobha, C Manusankar, "Multi-level inflection handling stemmer using iterative suffix-stripping for Malayalam language", 2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2016/9/21 Pages 530-534 https://ieeexplore.ieee.org/abstract/document/7732100**

INTERNATIONAL JOURNAL PUBLICATIONS

1. **Manusankar.C, Ayyappadas.K, Rajendran.T and Karthik.S, "An improved Behavioral Strategy Based Approach in Combating Threats over Computer Networks", CiiT International Journal of Networking and Communication Engineering. Print: ISSN 0974 – 9713 & Online: ISSN 0974 – 9616 http://www.ciitresearch.org/ncejanuary2011.html**

2. **Noora.VT, Manusankar.C, Rajendran.T and Karthik.S, "Improved Encryption for Secured Transaction using electronic cards", CiiT International Journal of Wireless Communication Print: ISSN 0974 – 9756 & online: ISSN 0974 – 9640 http://www.ciitresearch.org/wcjanuary2011.html**

3. **Manusankar.C and Dr. S. Karthik, "SOAP Protocol Based Web Security Improvement", International Journal of Computer Applications. ISSN: 0975 – 8887 http://www.ijcaonline.org/proceedings/icvci/number14/2736-1531**

4. **Ayyappadas K., Manusankar C. and Balasankar C, "Implementing Visual Cryptography and Biometrics for improved Stego Image Security", International Journal of Mobile & Adhoc Network|Vol1|issue 2|Aug 2011 ISSN (Online) 2231–6825 ISSN (Print) 2249-202X**

5. **Manusankar C and Dr.Varghese Paul, "Testing Security Products against next generation malware", International Journal of Advanced Studies in Computer Science and Engineering(IJASCE) Volume 6 Issue 9, 2017 Online: ISSN : 2278 7917http://www.ijascse.org/volume-6-theme-based-issue-9/Ransomware.pdf (UGCApproved)**

INTERNATIONAL CONFERENCE PRESENTATIONS

1. **<u>Manusankar.C</u>, Rajendran.T and Karthik.S," The Challenge of Detecting and Removing Installed Threats", International Conference on Innovative Computing Technologies (ICICT 2010), at M. Kumarasamy College of Engineering, February 12-13, 2010.**

2. **<u>Manusankar.C</u>, Ayyappadas.K, Rajendran.T and Karthik.S, "Strategy Based Approach for Combating Threats", International Conference on Innovative Research in Engineering and Technology (iCIRET2010), at Park College of Engineering and Technology, August 12-14, 2010. (Best Paper Award)**

3. **Noora.VT, <u>Manusankar.C</u>, Rajendran.T and Karthik.S, "Smart Card Encryption for Secured Transaction", International Conference on Innovative Research in Engineering and Technology (iCIRET2010), at Park College of Engineering and Technology, August 12-14, 2010. (No Certificate)**

4. **Karthik.S, Dr.V.P.Arunachalam, Dr.T.Ravichandran, Dr.M.L.Valarmathi and <u>Manusankar.C</u>, "An Optimizing Technique for MDGT Using DRSA Algorithm Association with IP Traceback Strategies", International Conference on Advances in Information and Communication Technologies (ICT 2010), at Kochi September 07-08, 2010.**

5. **<u>Manusankar.C</u>, Karthik.S and Rajendran.T, "Intrusion Detection System with Packet Filtering for IP Spoofing", International Conference on Communications and Computational Intelligence (INCOCCI 2010) at Kongu Engineering College, December 27-29, 2010. <u>(IEEE Publication)</u>**

6. **<u>Manusankar.C</u> and Dr. S.Karthik, "Secured Transaction Using improved Smart Card Encryption Technique", International Conference on Information Security (ICIS 2011) held at Adi Shankara Institute of Engineering and Technology, Kalady, Ernakulam during 04-05 March. 2011.**

7. **<u>Manusankar.C</u> and Dr. S. Karthik, "SOAP Protocol Based Web Security Improvement", International Conference on VLSI, Communication and Instrumentation [ICVCI-2011], SAINTGITS College of Engineering, Kottayam, INDIA, during April 7th – 9th, 2011. ISBN: 978-93-80746-55-0**

8. **Ayyappadas K., <u>Manusankar C.</u> and Balasankar C., "Enhancing Stego Image Security Using Visual Cryptography and Biometrics", International Colloquium on Computer Science and Information Technology (CEMC-CSIT 2011), Ilahia College of Engineering and Technology, Muvattupuzha, during September 20-21, 2011.**

9. **C Balasankar, T Sobha, <u>C Manusankar</u>, "Multi-level inflection handling stemmer using iterative suffix-stripping for Malayalam language", 2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2016/9/21(IEEE Publication)**

10. **Manusankar C and Dr.Varghese Paul, "SecTest Auto-An Improved Virtual TestBed for Testing Anti Virus and other Security Products", 2nd International Conference on Cyber Security (ICCS 2016) at Rajasthan Technical University, Kota (RTU) August 13-14, 2016**

NATIONAL CONFERENCE PRESENTATIONS

1. **<u>Manusankar.C</u>, Ayyappadas.K, Rajendran.T and Karthik S, "A Strategy Based Approach for Detecting and Removing Threats", National Conference on Emerging Trends in Computing Technologies (NCETCT'10), Karpagam University, October 27-28, 2010 (No Certificate)**

2. **Noora.V.T, <u>Manusankar.C</u>, Ayyappadas.K and Rajendran.T, "Web Service Security using SOAP Protocol", National Conference on Emerging Trends in Computing Technologies (NCETCT'10), Karpagam University, October 27-28, 2010**

3. **Ayyappadas K. and <u>Manusankar C.</u>," Enhancing Biometric Template Security Using Visual Cryptography and Biometrics", National Conference on Biometric Technologies (bodhi2011), Viswajyothi College of Engineering & Technology, April 1-2,2011**

4. **Manusankar C., "WWSS with PDA for monitoring and detection of Heart Attack in real times", Nationala Conference on Computing Paradigms and Bio-Informatics (CPBI 2012), School of Computer Sciences, Mahathma gandhi University Kottyam,. 17Th and 18th January 2012.**

5. **Ayyappadas K., Manikandan V. M., Manusankar C., " A Novel Approach for Multifactor Authentication Using Breathe" , UGC SPONSORED NATIONAL CONFERENCE ON CYBER LAW AND CYBER FORENSICS (NCCLF 13) on 13th and 14th August 2013 at SSV College Valayanchirangara.**

6. **Manusankar C and Dr.Varghese Paul, "An Improved Mechanism for Antivirus Testing", UGC Sponsored National Conference on Computer**

Dr.Prathibha P.H

Details of Paper presentations in International/National/State level Seminars /workshops/conferences.

1. Prathibha.P.H., and Chandran.C.P., "An Integrated tool for the analysis of Mining Single Nucleotide Polymorphism Interfaced with R', International Journal of Applied Engineering Research, ISSN 0973-4562, vol.10, no.79, pp. 581-585, 2015 © Research India Publications. (Scopus Indexed). HIndex=38, impact factor-.51

2. Prathibha.P.H., and Chandran.C.P., "Classification Mining SNPs from Leukemia Cancer dataset using Linear Classifier with ACO", Bonfring International Journal of Data Mining, vol. 6, no. 2, pp. 10-15, Apr. 2016, Online ISSN: 2277-5048. Impact factor-.245

3. Prathibha.P.H., and Chandran.C.P., "Feature Selection for Mining SNP from Leukaemia Cancer using Genetic Algorithm with BCO", IEEE XPlore, pp.57-63, 2016, DOI :10.1109 / SAPIENCE .2016. 7684136/ IEEE.

4. Prathibha P.H., and Chandran, C.P., "Modified Winnow Classifier for classification Mining SNPs from Leukaemia Cancer", Journal of Advanced Research in Dynamical and Control Systems, ISSN 1943-023X, Special Issue 02, pp. 555-568, 2017, *Institute of Advanced Scientific Research* H Index =17(Scopus Indexed) , Impact factor=.2

5. Bisme Benny., Prathibha P.H., "Human rights and Cybersecurity" International Conference, VSACC 2021

6. Jitha., Prathibha P.H., " An overview on mitigating the effects of climate change in plants using ML and IoT" International Conference, VSACC 2021

7. Bisme Benny., Prathibha P.H., Mausankar C., "Human Right violation on students over the internet: A Data Analytical Study", Volume11/volume11-issue8(2)/12.

8. Dawn Wilson., Mausankar C., Prathibha P.H., Analytical study on object detection using yolo algorithm., International Journal of Innovative Science and Research Technology(IJISRT)., Volume 7, Issue 8, August – 2022

9. Devika E., Ambili M.S., Mausankar C., Prathibha P.H., "A Data Analytical Survey on School Selection in the Kerala Scenario for Proposing an ML-based Approach for Improvising the Public Sector"., International Journal For Multidisciplinary Research (IJFMR)

10. Big data analysis for better military intelligence., International journal of novel research and development (ijnrd eldho thomas., prathibha p.h., mausankar c

11. **Preventing from abusing application permissions., International journal of creative research thoughts ., Govind Ganesh Prathibha P.H., Mausankar C**

12. **Analysing the effects of climate change in flora., International Journal for research and Analytical Reviews (IJRAR ., JITHA., Prathibha P.H., Mausankar C**

13. **Data Analytical Study of Fake News Detection through NLP.,**
    International Journal of All Research Education and Scientific
    Methods (IJARESM ., Sruthi Thomas ., Mausankar C., Sumaja
    Sasidharan., Prathibha P.H

14. **Better Livestock Health Management using Sensors and Livestock., IJEDR., Anandhu**

15. **Aswin Manoj., Mausankar C., Prathibha P.H., Data Analytical Study of Injury Reduction in Sports., IRJET.,**

16. **Amijith Suresh., Asha Anand., Mausankar C., Prathibha P.H.,**

"Combating Online Addiction Using Data Analytics"., IJMER., volume11/volume11-issue8(4)/7.,