

# Toc H Institute of Science & Technology, Arakunnam

## Department of Computer Science & Engineering

### Publications on 2015-16

#### Publications by Faculty 2015-'16

- **N. Vishwanath** published a paper "*Secure Web Based Sales Configurations in a Trading Industry*" in the International Journal of Engineering Science and Computing 2016 March Volume 6 Issue No. 3 2899-2905 ISSN 2321 3361.
- **N. Vishwanath** published a paper "*An Improved Method for Preventing Data Leakage in an Organization*" in the International Journal of Engineering Research and Applications 2016 April Vol. 6 Issue 4 1-7 2248-9622
- **N. Vishwanath** published a paper "*An Enhanced Approach for Identification of Cosmetic Contact Lenses on Iris Recognition*" in the International Journal for Scientific Research & Development, 2015 Volume 3 Issue No. 3 2596-2600
- **N. Vishwanath** published a paper "*A Novel Data Hiding Technique via Mosaic Image Steganography*" in the International Journal of Applied Engineering Research 2015 Volume 10 Number 15 36664-35672
- **N. Vishwanath** published a paper "*Image Tampering Detection Based on Contrast Enhancements in Digital Images*" in the International Journal of Applied Engineering Research 2015 Volume 10 Number 15 35091-35094
- **N. Vishwanath** published a paper "*An Improved Technique for Detection of Textured Contact Lenses on Iris Recognition*" in the International Journal of Applied Engineering Research 2015 Volume 10 Number 77 35192-35199
- **N. Vishwanath** published a paper "*At-A-Distance Iris Recognition Problem*" International Journal of Applied Engineering Research 2015 Volume 10 Number 77 2843-2848
- **N. Vishwanath** published a paper "*Fake Biometric Detection using Image Quality Assessment and PSO Classifier*" in the International Journal of Applied Engineering Research 2015 Volume 10 Number 13 337-344
- **Sreela Sreedhar** published a paper on "*Solitude Conserve Attribute Cryptographic CP-ABFE Data Protocols in Fuzzy Cloud Service Provider*" in the Indian Journal of Science and Technology, 2015-October Vol. 8 No.25. 11-16 ISSN Print -0974-6846 ISSN Online 0974-5645
- **Sreela Sreedhar** published a paper on "*Efficient Revocation and Key Management for Ciphertext Policy Attribute based Data Sharing System*" in the International Journal of Applied Engineering and Research Vol 5 Issue 11 213-218 ISSN 0973-9769
- **Rasmi P S**, Swathy G S , April 2015, 'A Novel Biometric Authentication for ATM Security', International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Volume 4, Issue 2.
- **Rasmi P S**, Sruthi Das, April 2015, 'A Survey on Different Image Steganalysis Techniques', International Journal of Modern Trends in Engineering and Research(IJMTER) Volume 02, Issue 04,pages-532-536
- **Panchami V** published a paper "*Security and Privacy of Relational Data Using Access Control and Privacy Protection Mechanism*" in the ARPJ Journal of Engineering and Applied Sciences 2015-May Vol.10 No.9 ISSN 1819-6608

- **Panchami V** published a paper "*Attack Identification in a Cryptographic System using Dynamic Taint Propagation*" in the International Journal of Science and Engineering and Technology Research April 2015 Vol 4 Issue 4

## **Publications by Students 2015-'16**

*By M.Tech Students (2014-'16 batch)*

*Published in the **International Journal of Engineering Science and Computing***

- Amal Chacko C – "Secure Web Based Sales Configurations in a Trading Industry" *ISSN 2250-1371*

*Published in the **International Journal of Engineering Research and Applications***

- Neetu Bose – "An Improved Method for Preventing Data Leakage in an Organisation"

*Published in the **International Journal of Innovation and Scientific Research***

- Mahima Mary Mathews – Wi-Fi Assisted Communication Network (WACN) – A novel and independent solution for communication over challenged networks

*Presented at the **IEEE Sponsored 3<sup>rd</sup> International Conference on Innovations in Information, Embedded and Communication System (ICIIECS '16)** on 17th & 18th March, 2016 at Karpagam College of Engineering, Coimbatore:*

- Abhijith S – "Enhanced Secure Data Authentication and Transmission using RDHSS Scheme"
- Ranjith R Bhat – "A Novel and Robust Symmetric Block Cipher for Hand-Held Mobile Devices"
- Akshaya S – "Authentication using Image Based Captcha as Graphical Password"
- Ambily Sabu – "An Improved Visibility Restoration of Single Haze Images for Security Surveillances Systems"
- Amruth Jyothi V – "Secure Pin Entry Method Resilient to Shoulder Surfing and Recording at Tacks"
- Binisha Mohan – "Data Hiding in Encrypted Video using Histogram Shifting Method"
- Chinchu Paulose – "An Effective Method to Secure Mobile Agents by Avoiding Colluded Truncation Attack"
- Hridya Venugopal – "A Robust and Secure Authentication in Online Banking"
- Jeeshma Shaji A – "An Improved Privacy Preserving Multimedia Data Aggregation in Participatory Sensing"
- Jisha S – "RFID Based Security Platform for Internet of Things in Health Care Environment"
- Mahima Mary Mathews – "Date Time Keyed – HMAC"
- Rija Jose – "An Improved Authentication Mechanism for Mobile and Cloud Computing"
- Shilpa Shaju – "BISC Authentication Algorithm: An Efficient New Authentication Algorithm using Three Factor Authentication for Mobile Banking"
- Sreelakshmy I J – "An Improved Method for Copy-Move Forgery Detection in Digital Forensic"
- Surabhi James – "Privacy Preserving Authorized Public Auditing of Dynamic Data Storage on Cloud with Efficient Verifiable Fine Grained Updates and Multi Keyword"
- Vandana Purushothaman – "An Improved Secret Sharing using XOR-Based Visual Cryptography"