



**Dr.C.Emilin Shyni**

**PROFESSOR**

*DEPARTMENT OF CSE*

## PROFILE

- Dedicated & Committed Faculty in Department of CSE, with 22 years of experience in teaching UG & PG Students.
- CISCO Certified Instructor for Cyber Security Operations
- Subjects Handled: Cryptography & Network Security, Computer Network Security, Cyber Security
- Skills: Trainer, Content Writer, Guest Speaker

## CONTACT & LINKS

Email ID:

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Linkedin

<https://www.linkedin.com/in/dr-c-emilin-shyni-obb6859a/>

## EDUCATIONAL QUALIFICATIONS

M.E(CSE)-Anna University, 2004, Chennai  
PhD- Anna University, 2013, Chennai

## PROFESSIONAL EXPERIENCE

Teaching Experience: 22 years  
Industry Experience:  
Total: 22 years

## INSTITUTION/DEPARTMENT RESPONSIBILITIES

- Institution CISCO Cyber Security Trainer
- Ethical Hacking Coordinator
- Part of Departmental NBA Accreditation Team
- Mentor
- Research Proposal writer

## RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

**Specialization:** Cyber Security

**Research Interest:** Cyber Security, IOT Security

**Funded Project:** Funding Rs.3,000,00 received from AICTE for the project "Hi-Qual Water Surveillance System"  
Project Winner: Mentor for the winning project "Hi-Qual Water Surveillance System" in Smart India Hackathon 2017 and received the cash award of Rs.1 lakh.

## ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

- **Session Chair for Various International conferences.**
- Panel Discussion Member for SEISCON.
- Trained More than 100 Students for CISCO Cyber Security Operations.
- **Resource person and Speaker** for various sessions including Art of Writing research Paper, Implementation Techniques in Security Technology, Software Engineering, Cyber Security Essentials, COVIS-19's Impact on Cyber Security, Cyber Safety-How to monitor the children.
- **Reviewer** for various International Journals and Conferences.
- Organized more than 20 events including International Conferences, Workshops and Seminars.
- Guiding three PhD Scholars.
- Mentor for Smart India Hackathon Team 2018
- University question paper setter.

## PUBLICATIONS/PATENTS/BOOKS

## ASSOCIATION WITH PROFESSIONAL BODIES

### Book Publication

**Cyber Forensics: ISBN: 978-93-86532-51-0 Year of Print:2017**

### Publication In Journals

1. **Emilin Shyni** and Swamynathan, "Protecting the Online User's Information against Phishing Attacks Using Dynamic Encryption Techniques" Journal of Computer Science, Vol. 9, No .8, pp. 526-533, 2013
2. **Emilin Shyni** and Swamynathan "Online Identity Phish: Online transaction Against Phishing Attacks" International Journal of Soft Computing, Vol.8, No.3, pp. 175-180, 2013.
3. **Emilin Shyni** and Swamynathan "Preventing Session Hijacking and Phishing through Web Services" European Journal of Scientific Research Vol. 101, No.4, pp. 528–535, 2013.
4. **Emilin Shyni** and Swamynathan "Reason based access control for privacy protection in Object Relational database systems" International Journal of Computer Theory and Engineering, Vol. 3, No.1, 2011.
5. Shanmughaneethi, Yagna Pravin, **Emilin Shyni** and Swamynathan, "SQLIVD – AOP: Preventing SQL Injection Vulnerabilities using Aspect Oriented Programming through Web Services" Published in Lecture Notes in Computer science (LNCS). Springer, Communications in Computer and Information science, pp. 327-337, 2011.
6. Sandhya and **Emilin Shyni**, "Predictable Testing of Phishing Websites Based on Deportment Model

- Life-time Member of Computer Society of India.
- Member of IET

- Approach", International Journal of Advanced Computer and Communication Technology, Vol. 2, No.1, pp.74-78.
7. Sarju, Riju Thomas and **Emilin Shyni**, "Spam Email Detection Using Structural Features", International Journal of Computer Applications, Vol.89, No.3, pp. 38-41, 2014.
  8. Sarju, Riju Thomas and **Emilin Shyni**, "A Multi-Classifer Prediction Model for Phishing Detection", International Journal of Research in Engineering and Technology, Vol3, No.3, pp. 31-34, 2014.
  9. Mathiarasi and **Emilin Shyni**, "Detection of Spam Links in Twitter", International journal of Engineering research & Technology, Vol. 3, No.3, 2014.
  10. Ponmalar and **Emilin Shyni**, "Facebook Trustee based Social Authentication", International journal of Emerging Trends in Computer Science and Electronics, Vol.12, No.4, pp:224-229, 2015.
  11. Hema and **Emilin Shyni**, "DoS Attack Detection Based on Naive Bayes Classifier", Middle East Journal of Scientific Research, Vol.23, pp:398-405, 2015.
  12. Roopa and **Emilin Shyni**, "Layering Approach for Developing A Secured Infra-Structure Model for Cloud Environment", Australian Journal of Basic and Applied Sciences, Vol.9, No.10, pp:107-114, 2015.
  13. **Emilin Shyni**, Anesh D Sundar and Edwin Ebby, "Spam Profile Detection in Online Social Network using Statistical Approach", Asian Journal of Information Technology, Vol.15, No.7, 2016
  14. **Emilin Shyni**, Sarju and Swamynathan, "A Multi-Classifer based Prediction Model for Phishing Emails Detection Using Topic Modelling, Named Entity Recognition and Image Processing", Circuit and Systems, Vol.7, pp: 2507-2520, 2016
  15. **Emilin Shyni**, Anesh D Sundar and Swamynathan, "Consistency Testing of Phishing Websites based on Random Model Approach using Classification Algorithms", Asian Journal of Research in Social Science and Humanities, Vol6, No.11, pp.350-366, Nov 2016.

16. **Emilin Shyni**, Anesh D Sundar, Swamynathan, "Spam Profile detection in Online Social Network Using statistical Approach", Asian Journal of Information technology, Vol15, No.7, pp:1253-1262, 2016
17. Kiran Kumar Pulamolu, Venkata Subramanian, Ceronmani Sharmila and **Emilin Shyni**, "Design of Enhanced Combined Regression Ranking Algorithm for Resource Sharing in YARN", Journal of Advanced Research in Dynamical and Control Systems, Vol.15, pp:268-276, 2017.
18. Ramya, Sangeetha, Soundaraya, **Emilin Shyni**, "Survey Paper on PhidFive Phishing Detection Model Using Five Level Approaches", International Journal of Current Engineering and Scientific Research, Vol5, No.1, pp.2393-8374.
19. **Emilin Shyni**, Anesh D Sundar and Edwin Ebby, "Phishing detection in Websites using Parse Tree Validation", IEEE Digital Library, DOI: 10.1109/RAETCS.2018.8443961, 2018.
20. **Emilin Shyni** and Roopa , "Social Networking Cloud – Resource Sharing Model in OPNET" Online International Interdisciplinary Research Journal, Vol 8, Dec 2018, pp.130-140
21. Mabel Johnson and **Emilin Shyni**, "Smart Garbage bin with efficient Routing and Management System" International Journal of Applied Engineering Research, Vol.14, No.5, pp.80-89, 2019.
22. Nekha, Pavithra, Esther Monisha and **Emilin Shyni**, "A Survey on SQL Injection attacks and Detection Techniques", International Journal of Innovative Science and Applied Engineering Research, Vol.16, No.54

#### **Publications In Conferences:**

1. Roopa, Emilin Shyni, "Data driven approach for Farm Re-modeling using Prediction Analytics", International Conference on Computational Intelligence and Knowledge Economy, Amity University, **Dubai**, 11<sup>th</sup> and 12<sup>th</sup> December 2019 and the paper published in IEEE Explore , February 2020
2. Emilin Shyni, Roopa, "Social Networking Cloud – Resource Sharing Model in Opnet" in 2<sup>nd</sup> International Conference on Recent Multidisciplinary Research at Asian Institute of

Technology, Pathun Thani, **Thailand**, 28<sup>th</sup> November'18

3. Emilin Shyni, "Cyber Security", International Conference – Cyber week", Tel Aviv University, **Israel**, 24<sup>th</sup> June- 30<sup>th</sup> June 2017.
4. Emilin Shyni, Anesh D sundar, Edwin ebby, "Phishing Detection in Websites using Parse tree Validation", International Conference on Multidisciplinary Research, SHUATS, Allahabad, 06<sup>th</sup> February'18.
5. Alka Devi, Emilin Shyni, "Integrity checking of multiple data in cloud service provider", International Conference on Electrical Electronics and Computer Engineering, ICEECE 16, Vivekananda College of Engineering for Women, 22<sup>nd</sup> March'16
6. Abinaya, Emilin Shyni, "The Architectural framework of a crawler for locating Deep Web Interface", International Conference on Networking, Imaging and Green Computing, Agni College of Technology, 07<sup>th</sup> April'16.
7. Pranisha T, Dr Deepa Jose and Dr Emilin Shyni C, "High speed and Low power Fault Tolerant Parallel FIR Filters for MIMO-OFDM systems", International Conference on Knowledge based Computing Technologies, ICKCT'16, 06<sup>th</sup> February'17.
8. Subhash Bhagavan Kommina and Dr C Emilin Shyni, "Mining Social Media Data for Identifying Student Problems towards Education", International Conference on Knowledge based Computing Technologies, ICKCT'16, 06<sup>th</sup> February'17.
9. Nekha, Pavithra, Esther Monisha, Emilin Shyni, "SQL Injection Attacks and Detection Techniques", International Conference on Innovations in Electronics & Information Technology IRD Coimbatore, 30<sup>th</sup> March'16
10. Emilin Shyni, "A survey on Data Integrity Schemes in Cloud Storage", National Conference on Advanced Computing Technologies (NCACT), KCG College of Technology, 17<sup>th</sup> October'15.
11. Emilin Shyni, "Survey on Cloud Computing and its Pivotal Security Issues", National Conference on Advanced Computing Technologies (NCACT), KCG College of Technology, 17<sup>th</sup> October'15.

12. Emilin Shyni, "Sentiment Analysis on Social Data: A Survey", National Conference on Advanced Computing Technologies (NCACT), KCG College of Technology, 17<sup>th</sup> October'15.
13. Emilin Shyni, "A Novel Technique for Key generation in Cryptography using 2D Images", National Conference on Advanced Computing Technologies (NCACT), KCG College of Technology, 17<sup>th</sup> October'15.
14. Emilin Shyni, "Multistage Classification Model for Phishing Detection in E-Mail Using Supervised Learning Algorithms", International Conference on Intelligent Information Technologies (ICIIT 2014)", Anna University, 11<sup>th</sup> December'14.
15. Laxmi, Emilin Shyni, "Preventing Session Hijacking through Web services", National Conference on Web Technology-NCWT'13, Sri Sairam Engineering College, 06<sup>th</sup> February'13,
16. Rakesh, Emilin Shyni, "Countering Phishing Threats Using Network Model", National Conference on Emerging trends in Computation and Information Technology (NCETCIT 2012), KCG College of Technology, 30<sup>th</sup> March'12.
17. Rakesh, Emilin Shyni, "Anti-Phishing Technique: A semantic network based approach", Fourth National conference on Advanced Computing Systems (NCACS'12), Hindustan College of Engineering and Technology.
18. Jayanthi, Emilin Shyni, "Data Mining in Heterogeneous Wireless Mobile Networks with AI Engine" Third National Conference on (ETCET'12), Sri Vidya College of Engineering and Technology 23<sup>rd</sup> March'12.
19. Devi DevaPaul, Emilin Shyni, "Distributed Virtual-Time Scheduling in Rings", National Conference on Computing and Applications (NACCA'06), National Engineering College, 24<sup>th</sup> February'06.
20. Domilin Shyni, Emilin Shyni, "Flow Controls in Multicast Networks", National conference on signals, Systems & Security (NCSSS'06), Bannari Amman Institute of Technology, 24<sup>th</sup> Februray'16.
21. Benyl Renita, Emilin Shyni, "Effective Image Retrieval Using Memory Learning Framework", National conference on signals, Systems & Security

(NCSSS'06), Bannari Amman Institute of Technology, 24<sup>th</sup> February'16.

22. Shiji, Emilin Shyni, "Routing with Topology Aggregation in Wired Networks", National Conference on High Performance computing, Government college of Engineering, 05<sup>th</sup> April'06.
23. Angelina Geetha, Emilin Shyni, Abubacker, "Web documents Reranking based on Link and Content filtering", National conference on Data Mining and Knowledge Engineering, SRM University, 16<sup>th</sup> February'18
24. Emilin Shyni, Abubacker, Angelina Geetha, "Enhancement of Search Results using Two level Duplicate Filtering Algorithm", National conference on Networks, Intelligence and Computing Systems, SNS College of Technology, 08<sup>th</sup> February'07
25. Emilin Shyni, Angelina Geetha, "Push technology Using active Rules", National Conference on Advances in Electronic Communications ,National Engineering College, 03<sup>rd</sup> June'04.
26. Emilin Shyni, "Web Services", National Conference on New Trends in Distributed Computing and Networking, Tagore Engineering college, 18<sup>th</sup> March'05.

## PROFESSIONAL COURSES COMPLETED

- CISCO CCNA Cyber Security Operations