

Profile

Dr. V.Shanmuganeethi, M. E., Ph.D., Associate Professor and Head In-Charge



Contact

call 044-2254 5458

email shanneethi@nitttrc.ac.in

RESEARCH INTERESTS

Cyber Security
Distributed Algorithms
Data Analytics
Machine Learning
Active Learning Strategies and Learning Management System

QUALIFICATION

Institution/University	Specialization
Bharathidasan University	Computer Science and Engineering
College of Engineering Guindy, Anna University	Computer Science and Engineering
College of Engineering Guindy, Anna University	Web Application Security, Information and Communication Engine

PROFESSIONAL EXPERIENCE

About Twenty one years in Teaching and Research

SIGNIFICANT ACHIEVEMENTS :

Organize Industrial training programmes on "Web Technologies" for the officers of State Government

Organized ISTE sponsored training programme on "Internet Programming".

Organized programmes for the Engineering and Polytechnic faculty members in "Enterprise Application Development, "Webdesign Frameworks", "Cloud Computing", and " Data Analytics and Machine Learning".

Involved actively as a Resource person in the course of "Disaster Management & Earthquake Resistant Structures", "Geographical Information System", and other courses organized by our Civil Engineering Department.

Coordinated two months Advanced certificate course on "Information and Communication Technologies in Education and Training" Overseas Participants.

Coordinated two-month Training programme on "Design of Educational Applications using Webtechnologies" for Overseas Participants

Developed instructional materials for the short-term training programmes on Java Programming, Python Programming, PHP and MySQL, Software Engineering, Data Analytics and Cloud Computing

Design and Developed 40 hours MOOC on "Student Assessment and Evaluation" in the SWAYAM MOOC platform

Co- Coordinator for the MOOC on "Transforming Instruction through Blended Classroom" in the SWAYAM MOOC platform

PUBLICATIONS :

	Publications	No. Of Publications
	International Journals	8
	National Journals	11
	International Conferences	6
	National Conferences	11
	Handouts – Course Materials -Titles	20

- V. Shanmuganeethi, Ra. Yagna Praveen, S. Swamynathan, **CIVD: Detection of command injection vulnerabilities in web services through aspect-oriented programming**, International Journal of Computer Applications in Technology, October 2012

- V. Shanmughaneethi, P. Ramesh, S. Swamynatha, **Preventing Client-Side Attack in Web Applications Through Web Services**, International Journal of Soft Computing, April 2012
- V. Shanmughaneethi, **Detection of SQL Injection Attack in Web Applications using Web Services**, IOSR Journal of Computer Engineering, January 2012
- V. Shanmughaneethi, **A Robust Defense Mechanism to prevent phishing attack using parse tree validation**, Conference: Advance Computing, Networking and Security, December 2011
- V. Shanmughaneethi, Regan Abraham, S. Swamynathan, **A Robust Defense Mechanism to Prevent Phishing Attack Using Parse Tree Validation**, Proceedings of the 2011 international conference on Advanced Computing, Networking and Security, December 2011
- V. Shanmughaneethi, Rajaiyan Ravichandran, S. Swamynathan, **PXPathV: Preventing XPath Injection Vulnerabilities in Web Applications**, International Journal on Web Service Computing, September 2011
- V. Shanmughaneethi, Ra. Yagna Pravin, S. Swamynathan, **XIVD: Runtime detection of XPath Injection Vulnerabilities in XML Databases through Aspect Oriented Programming**, Communications in Computer and Information Science, January 2011
- V. Shanmughaneethi, Ra. Yagna Pravin, Emilin Shyni, S. Swamynathan, **SQLIVD - AOP: Preventing SQL injection vulnerabilities using aspect oriented programming through web services**, High Performance Architecture and Grid Computing - International Conference, HPAGC 2011, Chandigarh, India, July 19-20, 2011. Proceedings, January 2011
- V. Shanmughaneethi, Smt C. Emilin Shyni, S. Swamynathan, **SBSQLID: Securing Web Applications with Service Based SQL Injection Detection**, December 2009
- Nellaiappan Duraipandian, V. Shanmughaneethi, C Chellappan, **Information Security Architecture-Context Aware Access Control Model for Educational Applications**, IJCSNS International Journal of Computer Science and Network Security, VOL.6 No.12, December 2006