AICTE Sponsored
Two Week Faculty Development Programme on
“Emerging Challenges and Research Perspectives in Network Security and Intrusion Detection Systems”
May 04-16, 2015

SREE VIDYANIKETHAN Engineering College (Autonomous)

REGISTRATION FORM

Name _____________________________________
Qualification ___________________________________
Designation ___________________________________
Institution ___________________________________
Experience ___________________________________
Teaching ____________ Others ____________
Address ___________________________________
________________________________________
________________________________________
________________________________________
Email: ____________________________________
Mobile No: ________________________________

Place: __________ Signature of the Participant

SPONSORSHIP

Mr./ Ms./ Dr. ________________________________ is an employee of our Institution and is hereby sponsored. He/she will be permitted to attend the programme, if selected.

Date: __________ Office Seal HOD/Principal

Organizing Committee,
Mr. Shaik Salam, Associate Professor
Mr. A.V. Sriharsha, Associate Professor
Mr. M. Sunil Kumar, Assistant Professor (SL)
Mr. N. Pappanna, Assistant Professor
Mr. K. Bhaskar Naik, Assistant Professor
Mr. E.S. Phalguna Krishna, Assistant Professor
Mr. M.R. Pavan Kumar, Assistant Professor
Mr. K.S. Ranjith, Assistant Professor
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Ms. M. Bhargavi, Assistant Professor
Mr. M.V.R. Purna Kumar, Assistant Professor
Ms. S. Likhitha, Assistant Professor
Mr. K. Srinivasulu, Assistant Professor

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SREE VIDYANIKETHAN (Autonomous)

Organized by
Department of Computer Science & Engineering
SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)
Sree Sainath Nagar, A. Rangampet
Near Tirupati - 517 102 (A. P)
Ph: +(91) 877-2236711-14 Fax: 0877-2236717
www.vidyanikethan.edu
College Profile

- The College was established in 1996 by Sree Vidyanikethan Educational Trust under the stewardship of Dr. M. Mohan Babu, renowned film artiste and former member (Rajya Sabha).
- NAAC Accredited with ‘A’ grade.
- Approved by AICTE, New Delhi and affiliated to Jawaharlal Nehru Technological University, Anantapur. Seven B.Tech programs are accredited by NBA, NewDelhi.
- Offers B.Tech Program in 8 disciplines, M. Tech Program in 8 specializations.
- Excellent Computing facilities with 1500+ computers.
- Central Auditorium, e-class Room and state of the art Seminar Halls.
- Separate hostels for boys and girls.
- Internet facility with 110 MBPS leased line.
- Offers Ph.D Programs in EEE and ECE
- Rated “AAA” by “Careers 360” a Popular English Magazine
- Established National MEMS Design Centre, Atmospheric Research Lab

Location
The college is located 15 km away from the temple town of Tirupati on Tirupati-Madanapalle National Highway No.205

Courses offered
The college offers B.Tech programs in CSE (240), IT (120), EEE (240), ECE (240), EIE (120), CSSE (120), Civil (120) and Mechanical (180). The college also offers M.Tech in Computer Science, Computer Networks & Information Security, Software Engineering, Electrical Power Systems, Digital Electronics & Communication Systems, Communication Systems, VLSI and Bio-Technology.

Objectives:
- To discuss new challenges, technologies, and architectures in the area of Network security attack detection and defense.
- To examine the components of Intrusion Detection Systems and describe how these interact to accomplish the goals of intrusion detection.
- To describe the methodologies, techniques and tools of intrusion prevention systems, malware detection, and the protection of critical infrastructures detection.
- To examine the process of intrusion detection and how behavioral use is implemented in the IDS for Malware assessment and Vulnerability analysis.
- To Compare and contrast host-based and network-based IDSs.
- To examine the principles of intrusion detection data analysis for Risk assessment.
- To introduce the fundamentals of cyber defense strategy, including defense in depth, cyber crime versus cyber war and the protection of cyber-physical systems.

Topics
- Introduction to Network Security
- Classes of Security Attacks, Vulnerabilities and Threats
- Network Security Monitoring
- Attack response and countermeasures
- Critical infrastructure protection
- Survivability and self-protection
- Traffic Threat Assessment.
- Network Incident Response, Network Forensics.
- Intrusion Prevention Overview, Signatures and Actions.
- Network Behavior Based Anomaly Detectors

Resource Persons:
Eminent experts from Industry and Academia

Eligibility:
Faculty members of Computer Science & Engineering and related disciplines from AICTE approved Engineering colleges.

Registration Fee: Rs.500/- (Refundable)
Drawn on any Nationalized Bank favoring “SVEC-FDP-NSIDS” Payable at Tirupati

General Information:
- The Number of participants is limited to 50.
- TA will be provided to all participants.
- Course material and Kit will be supplied to all the participants.
- Lunch and Snacks will be provided.
- Registration Deadline : 30-04-2015
- Accommodation will be provided to a limited number of participants in the institute hostels

Contact Persons:
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