



Institute for Development and Research in Banking Technology
(Established by Reserve Bank of India)

SECURE CODING PRACTICES

March 06 – 10, 2017



WE are glad to announce a Programme on Secure Coding Practices, March 06 – 10, 2017 . The programme details are given below. We appreciate your proactive initiatives in making your technologies more secure and reliable.

Introduction:

Security is of paramount importance to banking and finance. PCI-DSS is well known for its stringent requirements on card information security and customer privacy. PCI-DSS requirements span across security management, policies, procedures, network architecture, design, and other critical protective measures. They also include one very prescriptive requirement – Section 6.6 – requiring organizations that process payments to secure all applications by conducting a code review and follow secure coding practices while developing the software. Application vulnerabilities and pitfalls cannot be handled or camouflaged by Firewalls and Intrusion Detection Systems (IDS) which act at the periphery.

The recent RBI Working Group (popularly known as the Gopalakrishna Committee) recommendations on “Information Security, Electronic Banking, Technology Risk Management and Cyber Frauds” reinforces the importance of security and spells out the need for further enhancing the present security controls. One key recommendation therein is on strengthening software security in general and application security in particular. This requirement is gaining more importance day by day, as the vulnerabilities and security incidents are more because of insecure software deployed. The vulnerabilities in Operating systems are reducing day by day and the risks are steadily rising with insecure application software. A recent study on 600 live web sites found that 90% sites had at least one significant security vulnerability. Sixty percent of all applications fail their first security test. Ninety percent of internally developed applications fail their security test.

Objective:

- ★ Make the participants know the source and root causes of vulnerabilities
- ★ Give hands on exposure
 - ★ to the many common vulnerabilities
 - ★ on how common vulnerabilities give full access to hackers
 - ★ on how to minimize or eliminate vulnerabilities
 - ★ show how difficult it is for hackers to crack a secure application
 - ★ the Top Ten Vulnerabilities in Web Application through the Open Web Application Security Project (OWASP).

Contents:

- ★ Choosing the right cryptography tools and techniques
- ★ Effective input controls and validation
- ★ Authentication techniques for an application
- ★ Securing from SQL Injection Attacks
- ★ Securing from hidden form element attacks
- ★ Securing from buffer over flow attacks
- ★ Securing from Cross Site scripting attacks.

Profile of Participants:

Officers who are in development activities of various banking related in-house applications.

End Use:

Participants learn the coding errors that result into severe vulnerabilities. Through this program, participants learn the best coding practices that ensure the applications' safety.

Faculty:

Faculty of IDRBT, Guest Speakers from the Industry & Practitioners.

Fee & Nomination:

The fee for the programme is Rs. 35,000/- + Service Tax 15% = Rs. 40,250/- per participant. It includes boarding, lodging, training, course material, kit, and other infrastructure overheads. The fees can be remitted through NEFT (details furnished here under):

IDRBT Bank Account Details for NEFT transfer:

Account Name :	IDRBT
Bank :	Axis Bank Limited
Branch :	Mehdipatnam Ring Road Branch, Hyderabad
Account No. :	426010100018823
MICR Code :	500211012
IFSC Code :	UTIB0000426

Nominations, should be sent latest by **FEBRUARY 20, 2017.**

Please provide the following information for the nominations from your Bank:

- 1) Name of the Official :
- 2) Bank :
- 3) Designation :
- 4) Official Postal Address :
- 5) Mobile /Phone No. :
- 6) Email address :

We request you to nominate suitable officials for the programme. Please do send us a brief CV/Profile of the official/s nominated (not exceeding one page per

person) so that we can fine tune the programme structure, content and delivery.

Please depute suitable officials only from your bank / organization for this programme.

Please inform the nominees of the landmark to locate IDRBT, i.e., Behind NMDC, Masab Tank, Hyderabad.

Programme Coordinator :

Dr. V. Radha, Faculty, IDRBT

Email : program@idrbt.ac.in

FEE DISCOUNTS FOR REGIONAL RURAL BANKS & COOPERATIVE BANKS

No. of Participants	Residential			Non-Residential		
	Fees	Service Tax 15%	Total Fees	Fees	Service Tax 15%	Total Fees
1	Rs. 25,000/-	Rs. 3,750/-	Rs. 28,750/-	Rs. 20,000/-	Rs. 3,000/-	Rs. 23,000/-

***This is the discounted fees to be paid uniformly for each participant**

FEE DISCOUNTS FOR OTHER BANKS

No. of Participants	Residential			Non-Residential		
	Fees	Service Tax 15%	Total Fees	Fees	Service Tax 15%	Total Fees
1	Rs. 35,000/-	Rs. 5,250/-	Rs. 40,250/-	Rs. 30,000/-	Rs. 4,500/-	Rs. 34,500/-

The fees to be paid uniformly for each participant

FEE FOR FOREIGN COUNTRIES

Sl. No.	Classification of Countries	Fees per participant (Residential only) US \$	Service Tax (15%) US \$	Total Fees (US \$)
1	SAARC Countries	1000 \$	150\$	1150\$
2	Other Countries	1500 \$	225\$	1725\$



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