



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

Mobile Security and Mobile Application Testing



May 01 - 03, 2017

We are glad to announce a Programme on Mobile Security and Mobile Application Testing, May 01 - 03, 2017. The details of the programme are given below:

Introduction:

Banks, Financial Institutions and Customers are facing security challenges of Mobile Banking, Mobile Payment and Mobile Wallet Transactions from Device, Communication, Web and Application Perspective. It has become necessary for Banks and Financial Institutions to strengthen the vulnerabilities by (i) adopting standards, guidelines and best coding practices of Mobile Banking Application development, (ii) choosing appropriate development tools, (iii) incorporating proper cryptographic techniques, (iv) doing rigorous security testing and performance testing etc. for effective delivery of banking services. These challenges would be addressed in this programme.

The Centre for Mobile Banking (CMB) of IDRBT with the state of art lab equipment and modern facilities is the venue of the programme where participants would practically understand the evolving challenges of Mobile Security Aspects and Mobile Application Security Testing.

Objective:

- ★ To understand the challenges of Mobile Security from Device, Communication, Web and Application Perspective.
- ★ To learn suitable cryptographic techniques including Elliptic Curve Cryptography and Quantum Cryptography for mobile banking security.
- ★ To learn the best practices and appropriate tools for design, development and security testing of Mobile Applications.

Contents:

- ★ Mobile Device Security
- ★ Mobile Communication Security
- ★ Mobile Application Security
- ★ Mobile Web Security and IPV6
- ★ Cryptographic Techniques
- ★ Elliptic Curve Cryptography
- ★ Quantum Cryptography
- ★ Unified Modeling Language (UML)-Design of Mobile Applications
- ★ Mobile Application Development - Java, Android and Integrated development Environment (IDE)
- ★ Cross Platform Mobile application development tools
- ★ Mobile Application and Security Testing
- ★ Mobile Forensics

Profile of Participants:

Technical Officials of Banks and Financial Institutions including faculty of staff training colleges involved in design, development, technical specifications, security and testing of mobile banking, mobile wallet and mobile web applications.

End Use:

The participants would be in a position to learn the security threats and vulnerabilities in Mobile Communication channels, Mobile Banking Applications, Mobile web etc. so as to strengthen the banks systems by adopting standards, guidelines, cryptographic techniques and best practices. It would help banks to adopt the latest trends in Mobile Banking Application development, tools and security testing for effective delivery of banking services.

Faculty:

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

Fee & Nomination:

The fee for the programme is Rs. 21,000/- + Service Tax 15% = Rs. 24,150/- per participant. The fees can be remitted through NEFT (detailed furnished here under). It includes boarding, lodging, training, course material, kit and other infrastructure overheads. The nominations may be sent before **APRIL 17, 2016**.

IDRBT Bank Account Details for NEFT transfer:

Account Name	: IDRBT
Bank	: Axis Bank Limited
Branch	: Mehdiapatnam Ring Road Branch, Hyderabad
Account No.	: 426010100018823
MICR Code	: 500211012
IFSC Code	: UTIB0000426
PAN Number	: AAAAI0204K
Service Tax Number	: AAAAI0204KST001.

Please provide the following information for the nominations from your Bank/Organization.

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

Please depute suitable officials only from your bank / organization for this 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 inform the nominees of the landmark to locate IDRBT, i.e., Behind NMDC

Programme Coordinator:

Dr. V.N. Sastry, Professor

Email : vnsastry@idrbt.ac.in
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. 15,000/-	Rs. 2,250/-	Rs. 17,250/-	Rs. 12,000/-	Rs. 1,800/-	Rs. 13,800/-
*This is the discounted fees to be paid uniformly for each participant						

FEE FOR OTHER BANKS

No. of Participants	Residential			Non-Residential		
	Fees	Service Tax 15%	Total Fees	Fees	Service Tax 15%	Total Fees
1	Rs. 21,000/-	Rs. 3,150/-	Rs. 24,150/-	Rs. 18,000/-	Rs. 2,700/-	Rs. 20,700/-
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	600 \$	90\$	690\$
2	Other Countries	900 \$	135\$	1035\$



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