

Data Mining for Fraud and Forensic Accounting 2017.

Venue : Mumbai.

Date : 25th & 26th May 2017.

**“All frauds, like the wall daubed with untampered mortar ...
always tend to the decay of what they are devised to support.”**

.....Richard Whately

Facilitated by renowned fraud expert

Nikunj S. Shah

B. Com., LL.B., M.A., FCA, DISA, CIA



Introduction.

Establishing a robust fraud-free regimen in your organisation!

Are you looking for ways to shield your business operations from frauds, establish a sound and robust fraud-proof regimen in your organisation, and protecting the reputation & image of your organisation? This corporate fraud and financial crimes training attempts to address your needs and brings to you the heightened importance of establishing a robust fraud-free business environment in your organisation. This training aims to equip the professionals with the latest tools and techniques of combating fraud in their area of operations so that they can exhibit greater acumen in the performance of their duties.

With huge economic upswing, India is witnessing another upswing of a different nature. According to a RBI report, the number for frauds cases in different public and private sector banks during April to December 2016, in 3,870 cases involving a total value of Rs.17,751/- crore. In the recent past '05-06, commercial banks reported 13,914 cases of frauds, involving a sum of Rs 1,381 crore as against 10,450 cases of frauds amounting to Rs 779 crore during '04-05. Though number of cases seems reduced, the amount of frauds has significantly increased as per the reports by banks during '17.

This workshop will teach you latest and advanced methodologies proven over years of actual implementation experience **“HOW TO”** transform your company into a transparent, fraud free workplace. “Your company’s reputation is money!” Protect and increase your money by attending this training.

This highly effective program is structured to provide intense and practical training applicable to your organisation. Delegates will learn:

- Gaining insight into the latest trends and developments in Fraud Risk Management and forensic accounting.
- Undertaking a fraud risk analysis and assessment
- Developing and Implementing effective fraud control policies and systems
- Establishing best practice fraud control strategies and standards.
- Using CAATS for data analysis.
- Discovering possible dimensions of forensic accounting.
- Establishing art of interview of suspected fraudster.
- Diagnosing fraud risk management initiatives and benchmark against market leaders
- Built, develop and implement an effective and efficient fraud risk management strategy
- Be exposed to great opportunity of corporate publicity, networking and establishing potential business collaborations.

We realise that the Participants would be investing their time and money to attend this program. We therefore assume that the participants would be committed to actively participating and benefiting from the program. We urge all participants to completely switch off their cell phones and use them during the breaks.

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Why you cannot miss this event

This training brings to the fore the advanced techniques used for early detection of fraud and thus attempts to eliminate and minimise resulting monetary and reputational losses to any organisation. The trainer will be introducing fundamentals of forensic accounting, which though at an infancy stage in India holds promise of becoming big and useful. In the proposed training, we plan to integrate fraud detection techniques along with the introduction and practice of forensic accounting techniques and how these practical techniques help in establishing a good fraud risk environment in an organisation for better profits, reputation and image.

This training brings an eminent trainer to reveal path-breaking ways and techniques to establish the right kind of systems and procedures in place to combat fraud and equip the professionals with the some advanced fraud investigation techniques so that potential red flags can be raised at the right time for the management to take appropriate steps thereby leading to prevention, deterrence and detection of any fraudulent activities in the organisation which ultimately leads to better compliance and hence better profits, reputation and image.

Who Should Attend

CFO, CEO, COO, General Managers Finance Directors, Vice Presidents, Heads, Chiefs, Accountants, Internal Auditor, Senior Managers, and Managers of:

- Corporate Finance
- Risk Management
- Vigilance and compliance
- Fund Management
- Cash Management
- Finance & Administration
- Accounts & Finance
- Research & Development
- Human Resources
- IT software firms, Investigative agencies etc.

Business Opportunities

A limited amount of sponsorship opportunities are available for this Programme. These include, but are not limited to opportunity to present case studies, exhibit, host networking functions, and benefit from the extensive branding and marketing exposure generated throughout the lifecycle of the event.

For further information

Please contact on +9122 65612818 / 98206 23016

Email: sebastian@exaltcommunication.com

Meet Your Course Director

Nikunj Shah | Expert Trainer

Mr. Nikunj S. Shah is a graduate in Commerce and in Law from Mumbai University. He is a qualified Chartered Accountant. He holds a post-qualification certification in Information Systems Audit. He is also a Certified Internal Auditor, a credential given by the Institute of Internal Auditors (USA). He is also an associate member of the Association of Certified Fraud Examiners (USA).

He is a partner with Shashikant J. Shah & Co., Chartered Accountants and practices mostly in the areas of Business & Assurance Analytics, Internal Audit, Information Systems Audit, Fraud Detection and Forensic Accounting.

He has been a Faculty, Group leader at more than 500 Conferences, Seminars, Workshops, Study Circles, including at:

Several corporate like Godrej & Boyce Mfg. Co. Ltd., Knight Frank India, Saurashtra Cements, Kotak Mahindra Bank, Trent Ltd. (a Tata group company), Reliance Communications, Mr. Manish Sanghai, Thermofisher etc., where he has trained participants on using advance features of MS Excel for data, decision making and business modelling.

- Bombay Chartered Accountants' Society (BCAS) and Western India Regional Council (WIRC) of the Institute of Chartered Accountants of India (ICAI) on 'Using Excel for Audit'.
- Academic Staff College, University of Mumbai Lecture on "Assurance Analytics".
- Certificate Course on Forensic Accounting and Fraud Detection using IT and CAATTs by the ICAI on "Data Mining - Investigative Auditing using CAATTs"
- Revision lectures for Final C.A. students conducted jointly by BCAS & WIRC Subject taken 'Information Systems – Control & Audit'.

He is contributor to the publication "Study on Unconventional Methods in Special Audits and Investigations" published by the research committee of the Institute of Chartered Accountants of India the basic draft of which is prepared by CA Chetan Dalal. He is contributor to the BCAS and WIRC Reference on "MS Excel".

He was the Co-Convener of the Information Bombay Chartered Accountants' Society.

We at **Exalt Communication Infomedia** would like to thank everyone who has helped with the research and organisation of this Course, particularly the trainer for his support and commitment.

Course Agenda

Registration will begin at 8:30 am with tea & Snacks. The course will commence from 9:00am to 17:30Pm both the days. Two Refreshments & Lunch will be served on both the days.

Day1

Thursday25th May 2017.

Session # 1 - Introduction to Forensic Science, Forensic Accounting and Fraud Examination

DURATION : 0.5 HRS.

Principles of Forensic Accounting and Fraud Examination

Roles of the Forensic Accountant

Introduction to Fraud and Forensic Accounting.

Session # 2 - Data Import – Getting Data into Excel

DURATION: 3 HRS.

Learn techniques of Data Import from varied sources like:

- Text files (ASCII format, including .dat files),
- Web pages,
- RDBMS like SQL Server (including on-line connectivity to refresh data on real time basis), Tally database, etc.
- PDF files.

Standard techniques of data retrieval including retrieving deleted data

Techniques to establish integrity of electronic data

Preserving electronic evidence etc.

Session # 3 Duplicates!!

DURATION: 0.5 HRS

Techniques to detect gaps, duplicates, double payments,

Implement different test like the “Same Same Same” and the “Same Same Different” Tests.

Session # 4 - Data Mining

DURATION: 2 HRS

Master the art of mining for susceptible transactions by efficiently shifting through millions of transactions and filtering out transactions that are indicative of high-value transactions, non-compliance with laws, rules or organisational policies, kick-backs etc.

Day2

Friday26th May 2017.

Session # 5 - Multi-Dimensional Analysis

DURATION: 2.5 HRS.

Multi-Dimensional Analysis of data including “Time Dimension Analysis” to detect fraud and other irregularities.

Session # 6 – RSF and Sigma

DURATION: 1.5 HRS.

Know Relative Size Factor Theory (RSF) and Standard Deviations (sigma) and how these can help you zero down on questionable entities and identify red flag transactions. Learn to implement RSF and sigma in Excel.

Session # 7 - Benford's Law

DAY 2– DURATION: 1 HRS.

Use Benford's Law to identify irrational repetition of digits so that you can zero down on suspicious transactions that may indicate irregularities or fraud.

Session # 8 - Case studies

DAY 2 – DURATION: 1 HRS.

Case studies on realistic data to find fraud.