Economic crime continues to be on the upsurge in Malaysia. Specifically, theft and asset misappropriation become the most common types of economic crime, followed by bribery, corruption, and accounting fraud.

- PricewaterhouseCoopers LLC

Dr. Rama Subramaniam is the current Global Chair (2013-2016) of The International Institute of Certified Forensic Investigation Professionals, Inc. (IICFIP) and Vice Chairman of the Board of Trustees of Information Security and Digital Forensics Research Foundation, USA (ISDFRF). He is a Fellow of The Institute of Chartered Accountants of India (FCA) and has a multi-disciplinary doctorate (Ph. D) in the area of digital forensics.

He has been engaged in a number of forensic audit, investigation and consulting engagements for clients in Asia and Africa covering multiple verticals – BFSI, Manufacturing, Energy, IT & ITES, Air and Maritime Transportation, Logistics, Health Care, Armed Forces and other uniformed services including Police & Immigration, etc.

He serves as Group CEO of Valiant Technologies Group with offices and clients across South Asia, Middle East and Anglophone Africa. His expertise is, inter alia, in the areas of criminology, risk based audit, fraud risk assessment, forensic investigation of financial & digital frauds and crimes, corporate governance, individual & corporate ethics and compliance.

Key benefits of attending Forensic Auditing:

- Conduct anti-fraud and anti-bribery audits
- Detection of white collar crimes within an organization
- Skills for Forensic Investigations
- Successful prosecution of economic crimes, in particular fraud
- The integration of accounting, auditing and investigative skills.
- Gain the expertise to conduct investigations and ensure recovery
- Learn how to make your organization resistant to all forms of unethical businesses
- Secure, Analyze and Present the Evidence
- Find elusive misconducts that others miss

15th – 16th December 2015
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Corporate crime is an unlikable fact in today’s big business world. It has touched every country, every industry, and has no signs of stopping. Throughout the past 5 years, the number of reported cases of fraud and corruption has continued to grow radically. As organizations are fighting a tough battle against these crimes, new strategies and methods are needed to conquer the rapidly changing commercial crimes scene. Compounding this are the challenges faced by the audit team and a general lack of the necessary skill sets to collect the right audit evidence so critical to criminal investigations.

While the regulatory measures and internal controls in reporting requirements help to lessen the potential for falsified activities to take place, history has shown that ingenious employees can and have manipulated even the best control systems for personal gain.

Virtually every entity suffers from fraud, though management might not know it. With fraud costing entities an estimated 5% of their annual revenues, organizations lacking proactive fraud prevention measures are the most at risk.

This course has been carefully designed to assist auditors in identifying warning signs, analyzing various audit functions, preserving evidence, sharpening forensic documentation skills and conducting a forensic investigation. Together with our leading fraud expert as the course facilitator, who brings along years of field experience to the table, you will be exposed to a whole new set of techniques that are essential to the survival of auditors in this day and age.

Do not miss this opportunity to liberate your organization from the fear of being a victim of white collar crimes and corporate fraud. Join us in this two-day extensive Forensic Auditing master class to change the way you go about your day-to-day auditing processes and create an efficient and highly functional audit team.

**PROGRAM OVERVIEW**

**THIS PROGRAM IS SPECIALLY DESIGNED FOR:**

Primarily: Director, Division Head, Senior Managers, General Managers, Auditors, Managers and Supervisors, from auditing and risk departments.

- Chief Internal Auditor
- Head of department for Auditing
- Forensic auditor
- Investigation auditor
- Financial auditor
- IT auditor
- Internal audit manager
- Internal audit executive
- Internal audit and compliance
- Project audit manager

It is also ideal for middle and senior managers who have ownership of the responsibility of overseeing the audit process as it relates to the detection and prevention of economic crime

**FROM ALL PUBLIC AND PRIVATE SECTORS, INCLUDING BUT NOT LIMITED TO:**

- Banking and Finance
- Government Bodies
- IT and Communication
- Oil and Gas
- Semiconductor
- Automotive
- Manufacturing
- Education
- Transportation
- Pharmaceutical

The workshop is highly relevant to all public listed companies
COURSE OUTLINE

Note: Every session will use case studies related to different types of frauds like financial statement frauds including fictitious revenue, incorrect asset representation, cash theft, expense statement frauds, payroll frauds, procurement frauds, inventory misrepresentation; frauds involving IT systems including salami technique, application level frauds at input, output or processing stages, database frauds, security breaches, infrastructure abuse, information trafficking, intangible asset misappropriation, etc.

DAY ONE

Session 1: Primer on Forensic Accounting, Forensic Auditing and Digital Forensic Investigation

This primer will provide the conceptual foundation needed to correctly and completely play the roles required of a forensic auditor under different circumstances. It will integrate the accounting, legal, behavioural and technological dimensions of forensic activities and relate it to enterprise forensic audit and investigation processes.

- Definitions and etymological derivation of key terms: forensics; auditing; investigation; digital forensics
- Mens rea & actus rea
- Responsibility for fraud control
- Common frauds in major business verticals
- Fraud control ‘organization’
- Due Care, Due Diligence & the Prudent Man Rule
- Establishing the presence of MOM in a fraud scenario

Session 2: Fraud: Taxonomy; Fraudster Characteristics; Red Flags

Forensic auditors have derived significant benefit from their knowledge of fraud taxonomy and relating their audit and / or investigative processes to fraudster characteristics. A key differentiator the singles out a successful forensic auditor is the capacity to recognize a red flag and respond appropriately. This session will present common red flag types and help the forensic auditor to respond by integrating it with his knowledge of fraud taxonomy and fraudster characteristics.

- ‘Taxonomy of Fraud’ Project – Fraud types – Tags vs. Types of classification – impact on forensic audit
- Fraudster characteristics - Fraudster profiling – risks and precautions while profiling suspects – how much reliance on profiling: the legal and behavioral aspects
- Red Flags – what are they and how do we find them – rules to spot red flags
- Red flags in the cyber environment – the forensic auditor and automated systems
- Five key principles of fraud risk management
- Fraud risk governance

Session 3: Fraud Risk Assessment (Part 1 of 2) Frameworks, Standards and Methodology

Fraud Risk Assessment has come to center-stage as fraud control practices have migrated from being reactive in nature to being proactive. A key principle in enterprise risk management is that fraud risk exposure should be assessed periodically by the organization to identify specific potential schemes and events that the organization needs to mitigate. This session will present the foundations of fraud risk management and discuss contemporary frameworks and standards.

- Concept of business risk – understanding threats, vulnerabilities and exploits – concepts of operational and life cycle assurance through control implementation
- Fraud Risks – the “what” and “why”
- Legal and regulatory framework defining and requiring fraud risk assessments

Session 4: Fraud Risk Assessment (Part 2 of 2) – Case Study and Hands-on Exercise

In this session, participants will carry out a hands-on exercise of developing fraud risk assessment and response using a case study. They will also work on developing a Fraud Control Policy and Plan.
Risk based forensic audit is emerging as a favourite methodology among the forensic auditing community; both financial and digital forensic auditors. This approach focusses on the inherent risk in the activities or system and seeks to determine if the risk is managed within the accepted levels of risk appetite. With statutory compulsions (like that found in Sarbanes Oxley Act), Managements are under pressure to assure stakeholders that fraud risks are being managed within risk appetite levels.

- Assessing the risk appetite in general and fraud risk appetite in particular
- The fraud risk register
- How is Risk Based Forensic audit different from Risk Based Internal Audit
- Risk Based Forensic audit methodology (will be discussed using a case study)
- Follow up – Corrections vs. Corrective Actions

Session 6: The Power of Data Analytics in Forensic Audit and Investigation

Auditing has traditionally depended on analytics to draw conclusions, whether or not there was a forensic angle to the exercise. However, with forensics involved, the need to use “numbers” is pronounced. The last few years has seen forensic auditors move from merely using data analytics software to data warehousing, data mining and on to Big Data Analytics (BDA). This is necessitated by the fact that commercial and government enterprises today have much more data than we had before the advent to large scale computerization. This session will look at some of the traditional as well as contemporary data analytics approaches used in forensic auditing.

- Traditional Ratio Analysis
- Benford’s law and Luhn’s algorithm
- Correlating financial and non-financial data
- What the figures in Balance Sheet tell us
- Analytics software – uses, limitations and caveats
- Data mining and warehousing – use and limitations
- Harnessing the power of BDA in forensic auditing

Session 7: Digital forensic auditing and investigation

There is hardly any enterprise that can today claim not to harness the power and reach of information technology for their accounting and other key business functions. This is both a boon and bane to the fraudster; soon because it is possible to more easily locate information assets and a bane because it involves use of new skill sets. Global surveys have established that the cyber criminals have made more ill-gotten wealth than traditional crime-money coming from drugs, etc. These cyber criminals also master mind enterprise-level frauds and execute it themselves or in connivance with insiders in the enterprise. This session will present the canvass in which the digital forensic auditors and investigators operate and the skill set they require.

- Myths surrounding information systems and processing facilities that are exploited by fraudsters
- Some unique features of digital forensic investigation – commingled data, trans-border operations, evidentiary materials, victim apathy and the impact of each of these on digital forensic audit
- Data and file recovery and analysis – disk imaging and memory dumps
- E-mail forensics – e-mail as evidence
- Authentication of digitally signed documents and transactions
- Chain of custody of digital evidence
- Major risks in IT systems and privacy concerns

Session 8: Reporting and Presenting Forensic Audit Findings to the Board, Law Enforcement and the Court; Auditor as Expert Witness

Many excellent audit findings have not seen the desired results because of inappropriate or incomplete communication. The International Professional Practices Framework of IIA has a set of recommended best practices only for communicating the audit finding. Reporting should consider the audience profile and take into account the legal and organizational requirements that will have a bearing on the reporting practices. When the auditor becomes an expert witness, his role gets more complex. This session will discuss the best reporting practices and the role of auditor as expert witness.

- Audience analysis for reporting
- What should you report and what need not be reported
- Professional Standards governing reporting
- Creating ‘actionable’ reports
- Oral and written reports – guide to make them acceptable
- Good Presentation techniques
- What should your report achieve?
- Testifying as an expert witness – what you should say and should not
- Behavioral dimensions of an forensic audit report
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He served for three terms as India’s country representative at the International Federation for Information Processing (IFIP) Technical Committee – 11, dealing with information security and Privacy and was invited to serve on the National Expert Committee on Internal Audit and Controls, constituted by The Institute of Chartered Accountants of India.

He serves as Group CEO of Valiant Technologies Group with offices and clients across South Asia, Middle East and Anglophone Africa. His expertise is, inter alia, in the areas of criminology, risk based audit, fraud risk assessment, forensic investigation of financial & digital frauds and crimes, corporate governance, individual & corporate ethics and compliance. He served earlier as Executive Director of Baker Tilly MKM, Chartered Accountants, in Abu Dhabi; Commercial Director of Benetone Group of Companies in Bangkok, Thailand; Managing Director of Thewo Corporate Service, Lusaka, Zambia; and Commercial Director of Dynaspede Integrated Services Ltd, Bombay, India.

He has been an invited speaker or session chairman at a number of international conferences and workshops different countries and has written for the print media.

He holds the Position of Adjunct Professor at the Center of Excellence in Digital Forensics, a twinning institution of the University of Madras where he chairs the academic board for MSc program and is Adjunct Faculty at the University of Dubai where he teaches a course on Technology Strategy at their MS program.

He is an IBM GIO Alumni and was awarded the ISC-Prof Srivatsava Prize for excellence in research and teaching in Social Sciences.

He served on the Boards of Institute of Internal Auditors in Zambia and India and also on the Boards of ISACA chapters in Bangalore, Chennai and Dubai.

He has an MBA (with distinction) from the University of Lincoln, UK and has the CISA, CISSP, CISM, CEH, CHFI and DFIP credentials. He was awarded two honorary Fellowships – FISC, FCFIP.
What clients say about RAMA

I have attended Prof. Rama's training sessions in Cameroon, Kenya and Tanzania. His presentations are done in a simple manner that easily sinks to the participant's mind. His delivery skills are superb and he keeps training participants continuously engaged through his presentation.

President & CEO, International Institute of Certified Forensic Investigation Professionals, Inc.

Dr. Rama's workshops are so enlightening. Complex issues are analysed and presented in an easy to understand manner. It is so educative and informative. It motivates us to learn more and directs us to apply concepts and ideas in our practice. Attending Dr. Rama's workshop is a unique learning experience.

Managing Partner, Morison Muscat Chartered Accountants, Oman

Attending the workshop on Forensic Auditing by Dr Rama of Valiant Technology Group was a rewarding experience. His ability to support theoretical concepts with real life case studies makes it easy to relate the concepts to workplace. His in-depth knowledge, excellent presentation skills and analytical competencies are evident throughout the workshop.

Partner, Ernst & Young, Maldives

Dr Rama presents very interactive sessions by engaging all the participants & has excellent communication with everyone. Lot of case studies are presented with active team participation. His depth and up-to-date knowledge has helped the participants to clarify practical business issues, during the sessions.

Director, Baker Tilly MKM, United Arab Emirates

Dr Rama Subramaniam is a versatile trainer and an experienced Auditor. His course material is original and includes examples from the field in forensic investigations. During the workshop, he shares his vast multi-national, multi-cultural and multi-platform forensics audit experience.

Director & Global Program Manager, International Standards Certifications (Global) FZ LLC, United Arab Emirates

Dr. Rama is exceptionally talented in teaching both theory and practice in a clear and practical manner. His deep understanding and experience enables him provide relevant examples and effective solutions that will be of benefit to all.

CIO, Millennium Information Technologies, Sri Lanka

I have participated in various seminar presentations by Dr Rama Subramaniam of Valiant Technologies Group on very interesting topics like Forensic Auditing and Data Analytics. I was really inspired by the quality of his presentations particularly the depth of coverage of every minute technical aspect of the topic. Every training session he presents, the participants obtain a lot of take aways and are really enriched with the knowledge and experience he shares with them.

Managing Director, CISMA Consultants (Subsidiary of Verikwest Systems Inc.) USA.

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- Central Bank of Oman, Muscat
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- National Bank of Dubai
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- KPMG, Colombo
- Kuwait News Agency (KUNA), Kuwait
- McAfee, India
- Metlife, India
- Ministry of Education, Government of Oman
- Nestle, Middle East, Dubai, UAE
- NetSol, India
- Olympics Committee of Qatar, Doha
- PWC Logistics, Kuwait
- Qatar Post, Doha
- Reuters, India
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|---------------------------------|-------------------------------|
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All cancellations will carry a 10% cancellation fee, once a Sales Contract is received. All cancellations must be in writing by fax or email at least 2 weeks before the event date. Verbal cancellation is not applicable. Cancellations with less than 2 weeks prior to the event date carry a 100% liability. However, course materials will still be couriered to you.

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