

## Dr. Swapan Purkait

3B Hindusthan Road,  
Prashanti, 1D,  
Kolkata - 700 029  
West Bengal, India

**E:** [swapan@nettech.in](mailto:swapan@nettech.in)

**Skype:** [swapan.purkait](https://www.skype.com/people/swapan.purkait)

**W:** [www.swapan.in](http://www.swapan.in)

**LinkedIn:** [linkedin.com/in/spurkait](https://www.linkedin.com/in/spurkait)



## Personal Objective

- Be a respected and regarded global management consulting professional
- Continuous pursuit of excellence in information security and business continuity through research, publishing, facilitation, consulting and auditing

## Life Philosophy

Give a man a fish and you feed him for a day; teach a man to fish and you feed him for a lifetime.

## Worked in 18 countries



## Education

- 2013 Ph.D., Vinod Gupta School of Management, Indian Institute of Technology, Kharagpur.  
Thesis title: A Study of Phishing Attacks and Effectiveness of the Countermeasures  
Supervisor: Dr. S. K. De
- 2005 PGDBM, Xavier's Institute of Management, Bhubaneswar.
- 1997 B. Com., Calcutta University

## Certification

- 2018 CQI and IRCA Certified ISO 45001:2018 Auditor Migration OHSMS
- 2018 Bureau Veritas certificate on What is new in ISO 45001:2018
- 2016 IRCA-certificated Provisional Auditor (QMS, EMS and OHSAS)
- 2016 PECB Certified Trainer (ISMS, BCMS, EMS, QMS, OHSAS & ITSMS)
- 2016 PECB Certified ISO/IEC 27001 Lead Auditor
- 2016 PECB Certified ISO 22301 Lead Auditor
- 2016 PECB Certified ISO/IEC 20000 Lead Auditor
- 2016 PECB Certified ISO 9001 Lead Auditor
- 2016 PECB Certified ISO 14001 Lead Auditor
- 2016 PECB Certified OHSAS 18001 Lead Auditor
- 2016 BSI Certified Lead Auditor for ISO 14001 (EMS)

- 2016 BSI Certified Lead Auditor for BS 18001 (OHSAS)
- 2016 BSI Certified Lead Auditor for ISO 9001 (QMS)
- 2015 IRCA-certificated Principal Auditor (ISMS)
- 2015 IRCA-certificated Provisional Auditor (BCMS and ITSMS)
- 2015 BSI Certified Lead Auditor for ISO 22301 (BCMS)
- 2015 BSI Certified Lead Auditor for ISO/IEC 20000 (ITSMS)
- 2010 BSI Certified Lead Auditor for ISO/IEC 27001 (ISMS)
- 2003 Certified Novell Salesperson (6.5)
- 2002 Novell Specialist Certificate (Integrating Novell eDirectory with Windows NT)
- 2002 Novell Education Expert (2002)
- 2001 Certified Novel Engineer (CNE)
- 2001 Novell Education Expert (2001)

## **Research area**

Phishing, Computer Networks, Network Security, Cyber Crime, Information Security, Business Continuity, Risk Management, Entrepreneurship and Innovation.

## **Academic Experience**

2002- Present Trained more than 15,000 professionals on Computer Network Management and Web Security. ([www.nettech.in/success](http://www.nettech.in/success))

## **Visiting Faculty**

- 2014 -Present Technology for e-Business, International Management Institute, Kolkata
- 2015 Emergent Technologies, Institute of Management Technology, Dubai
- 2009 - 2012 Enterprise Resource Planning, Goa Institute of Management
- 2010 - 2011 Technology for e-Business, Goa Institute of Management
- 2009 Management Information System, Goa Institute of Management
- 2007 Management Information System, VGSOM, IIT Kharagpur
- 2006 Software Project Management, VGSOM, IIT Kharagpur
- 2003 Computer Networks, C.V. Raman College of Engineering, Bhubaneswar

## **Management Development Programme**

2014 - Present Successfully conducted ISMS, BCMS, QMS, EMS and ITSMS courses both Lead Auditor (LA) IRCA certified and Lead Implementer (LI) courses in association with BSI for clients in various cities in India as well as in Bangladesh, Botswana, Cameroon, Ghana, Kenya, Nigeria, Singapore, South Africa, Togo, Qatar, Saudi Arabia and United Arab Emirates.

### **List of courses taught in association with BSI:**

- ISO 27001:2013 (Information Security Management Systems)
  - Requirements, Lead Auditor, Lead Implementer & Internal Auditor
- ISO 22301:2012 (Business Continuity Management Systems)
  - Requirements, Lead Auditor, Lead Implementer & Internal Auditor
- ISO 9001:2015 (Quality Management Systems)
  - Requirements, Lead Auditor, Lead Implementer & Internal Auditor
- ISO 20000:2011 (Information Technology Service Management Systems)
  - Requirements, Lead Auditor, Lead Implementer & Internal Auditor
- ISO 14001:2015 (Environmental Management Systems)
  - Requirements, Lead Auditor, Lead Implementer & Internal Auditor

- ISO 31000:2018 Risk Management Guidelines
- ISO 55001:2014 Asset Management Requirements
- ISO 27004:2014 ISM, Monitoring, measurement, analysis and evaluation
- ISO 22317:2015 Business Impact Analysis (BIA)
- PD 25666:2010 BCM - Guidance on exercising and testing
- BS 11200:2014 Crisis Management Guidance and Good Practice
- Root Cause Analysis

**Client list includes:**

- Deloitte, Lagos, Nigeria
- Deloitte, Johannesburg, South Africa
- EY, Johannesburg, South Africa
- Ooredoo, Doha, Qatar
- ORYX GTL, Doha, Qatar
- Kenya Revenue Authority, Kenya
- Safaricom, Kenya
- Robi, Bangladesh
- Vodafone, India
- Airtel, India
- Telecommunications Regulatory Authority (TRA), Dubai, UAE
- ComSys Ghana Limited, Ghana
- GCNet, Ghana
- Eneo, Cameroon
- Central Bank of Nigeria, Nigeria
- First Bank of Nigeria, Nigeria
- Bank of Botswana, Botswana
- ECO Bank, Togo, Rwanda and Uganda
- Dammam Chambers, Saudi Arabia
- Al-Dawaa Pharmacies, Saudi Arabia
- Cigalah Group, Saudi Arabia
- Abana Group, Saudi Arabia
- AL Mazroui Medical Group, Dubai, UAE
- First Abu Dhabi Bank, UAE
- Lucy Electric, Dubai, UAE
- ESMA, Dubai, UAE
- SEHA, Abu Dhabi, UAE
- SABIC, Singapore
- First Quantum Sentinel Copper Mine, Kalumbila, Zambia
- Mopani Copper Mines Plc, Mufulira, Zambia
- Barrick Lumwana Copper Mine, Solwezi, Zambia
- Chambishi Metals Plc, Chambishi, Zambia

2010	Computer Networking, ANURAG Lab, DRDO, Hyderabad
2010	Cyber Crime Investigation, CID West Bengal Police, Cyber Crime Department
2007	Computer Networking, Indian Air Force, Kalaikunda Air base, West Bengal
2007	Enterprise Resource Planning, XIM Bhubaneswar

### ***Guest Lectures***

2014	Management Information System, VGSOM, IIT Kharagpur
2012 - 2015	Cyber Crime Investigation, Swami Vivekananda State Police Academy, West Bengal
2012	Effective Communication & Presentation Skills, XIM Bhubaneswar
2009 - 2010	IT Security & Ethical Issues, Guest Lecture, IMT Ghaziabad
2007	Directory Services, Guest Lecture, XIM Bhubaneswar
2006	Firewall & Network Security, Guest Lecture, XLRI Jamshedpur

### ***Seminars / Public Talks***

I have been giving over dozen public talks/keynote addresses every year since 2002 on Information Security in various Management and Engineering Colleges across India, Singapore, United Arab Emirates and Nepal.

### **Audit Experience**

2010 - Present Conducted first party and second party audits (ISO 27001, ISO 22301, ISO 14001, ISO 9001, ISO 20000 & ISO 45001) for various clients in India, Netherlands, Nigeria, Kenya, Singapore, Saudi Arabia and United Arab Emirates

### **Work Experience**

2002 - Present Founder Director, Nettech Private Limited ([www.nettech.in](http://www.nettech.in))

Nettech is an India based Network Security organisation (ISO 9001:2015 certified) Nettech conducts various training programs (Auditor/Implementer) for various ISO standards including ISO 31000, ISO 27001, ISO 22301, ISO 14001, ISO 9001, ISO 20000 & ISO 45001 for various clients in India, Singapore and Saudi Arabia

Nettech also undertakes implementation projects as well as internal audit assignments for various ISO standards

Nettech also conducts certificate programs for Engineering and Management students in association with premier Indian Institutes. The list Includes:

- BITS-Pilani Dubai Campus, Dubai, UAE
- Indian Institute of Management, Calcutta, India
- Indian Institute of Technology, Kanpur, India
- Indian Institute of Technology, Kharagpur, India
- XLRI School of Management, Jamshedpur, India
- Xavier Institute of Management, Bhubaneswar, India
- IMT Ghaziabad, Ghaziabad, India
- National Institute of Technology, Rourkela, India
- National Institute of Technology, Meghalaya, India
- Goa Institute of Management, Goa, India
- Birla Institute of Technology, Mesra, India
- BITS-Pilani Goa, Hyderabad, India
- Sikkim Manipal Institute of Technology, Sikkim, India
- L.N. Mittal Institute of Information Technology, Jaipur, India
- Rajib Gandhi University, Itanagar, India
- Pondicherry University, Pondicherry, India
- A complete list of partner institutions is available at [www.nettech.in/success](http://www.nettech.in/success)

2014 - Present Tutor (External Resource), BSI Group  
2010 - Present Auditor (External Resource) for ISMS, BCMS, EMS, QMS, ITSMS & OHSMS,  
Creative Management Systems, Kolkata  
2001 - 2002 Centre Manager, Novell Education Centre, Bhubaneswar  
1998 - 2000 Sr. Sales Officer, ION Exchange India Ltd., Bhubaneswar  
1996 - 1997 Sales Officer, ICNET Ltd., Kolkata

## List of Publications

### Referred Journals: International

- Purkait, S., De, S. K. and Suar, D. (2014), "An empirical investigation of the factors that influence Internet user's ability to correctly identify a phishing website", *Information Management & Computer Security*, Vol. 22, Issue 3, pp.194-234
- Purkait, S. (2012), "Phishing counter measures and their effectiveness - literature review", *Information Management & Computer Security*, Vol. 20, Issue 5, pp. 382-420
- Purkait, S. (2013), "Assessing anti-phishing awareness among undergraduate students in India", *International Journal of Applied Research on Information Technology and Computing*, Vol. 4, No. 1, pp. 26-41
- Purkait, S. (2015), "Examining the effectiveness of phishing filters against DNS based phishing attacks", *Information & Computer Security*, Vol. 23, Issue 3

### Referred Journals: National

- Purkait, S. (2012), "Virtual Browser: An On-Demand Service to Prevent Phishing Attacks", *The IUP Journal of Information Technology*, Vol. VIII, No. 2, pp. 7-23
- Purkait, S. (2012), "Exploring the factors that influence an internet user's ability to correctly identify phishing websites", *The IUP Journal of Information Technology*, Vol. VIII, No. 3, pp. 7-38
- Purkait, S. (2013), "Open Proxy: A road block for Phishing investigations", *i-manager's Journal on Information Technology*, Vol. 2, No. 1, December – February, pp. 21-33
- Purkait, S. (2013), "DHCP-Enabled LAN Prone to Phishing Attacks", *The IUP Journal of Information Technology*, Vol. IX, No. 1, pp. 24-40
- Purkait, S. (2013), "Preventing Phishing Attacks with Virtual Browser Extension", *The IUP Journal of Information Technology*, Vol. IX, No. 3, pp. 7-30
- Purkait, S. and De, S. K. (2013), "VBEx: A browser plug-in to prevent DNS based phishing attacks." *IMS Manthan: The Journal of Innovation*, Vol. VIII, No. 1, pp. 83-92
- Purkait, S. (2014), "Dissecting Phishing", *IMS Manthan: The Journal of Innovation*, Vol. VIII, No. 2
- Purkait, S. and Das, S. (2017), "Exploring the Password Habits of Youth in Asia", *The IUP Journal of Information Technology*, Vol. 13, No. 3, pp. 36-56
- Purkait, S. and Das, S. (2018), " Smart Cities in India: Challenges Ahead", *The IUP Journal of Information Technology*, Vol. 14, No. 4, pp. 33-51

### ***Article in the Media***

- "How spear phishing is done: The anatomy of an attack". Dataquest. September 18, 2015.  
<http://www.dqindia.com/how-spear-phishing-is-done-the-anatomy-of-an-attack/>

### **Awards and Achievements**

- 1993 Received Rashtrapati Scout award from Rashtrapati Dr. Shankar Dayal Sharma.  
1993 Received Rajyapuraskar Scout award (Bharat Scouts and Guides, West Bengal)

### **Association Memberships**

- Member, The International Register of Certificated Auditors (IRCA)  
Member, ISACA  
Member, Association for Computing Machinery (ACM)  
Life Member, Computer Society of India (CSI)

### **Passion in life**

Teaching, Rowing, Long distance running, Swimming, Cycling, Reading fiction on crime and thriller, Scuba diving, Cooking, Detective fiction writing, Print media columnist.

\*\*\*