Green Information Systems and Sustainability

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Overview

Sustainability problems are complex and require holistic and multi-disciplinary approaches to address ecological, technological, economic, social, cultural and political issues. The Information Systems discipline, being built on the foundations of multiple disciplines, has a central role in addressing environmental issues and in creating a sustainable society because of the field's experience in designing, building, deploying, evaluating, managing and studying information systems to address complex problems. Green Information Systems (IS) applies the transformative power of information systems to support sustainability endeavours. Green IS can contribute to sustainability through automating, informating and transforming products, processes, behaviours, and relationships to support environmental sustainability. Thus, in the same way information systems have transformed modern business to provide significant productivity improvements, IS has the potential to enable sustainable ecological, economic and social practices.

The course structure is divided in two modules. In Module-A participants will get through the different aspects of Green Information Systems like: role of IS to change human behaviours towards sustainable business practices; Intra-organisational and cross-organisational Green IS and sustainability initiatives; IS in support of environmental sustainability, social and economic sustainability etc. The Module B includes topics like: Lifecycle assessment of Green IS; the ecological value of virtualisation, cloud computing, and software as a service; the design, implementation, and use of IS to reduce organizations' environmental impact, emerging areas in Green IS, etc.

All participants will gain knowledge of these topics through lectures and case studies. There will be some assignments to stimulate research motivation of participants. At the end of the module, an exam will be conducted.

Duration	**Duration: July 18, 2016 to July 29, 2016** Number of participants for the course will be limited to sixty only.
You Should Attend If…	▪ You are a faculty member planning to start a course on Green IS and Sustainability ▪ You are a faculty member from any disciplines of engineering and Management ▪ You are a senior executive or manager in an organization ▪ You are an administrator in educational institution for effective planning of IS resources ▪ You are a non government Organization (NGOs) trying to create change in the society ▪ You are a student of B.Tech./MSc/MBA/M.Tech./Ph.D.

Fees	The participation fees for attending the course is as follows:
	    Participants from abroad : USD200
	    Industry/ Research Organizations: ₹ 5000/-
	    Faculty from Academic Institutions: ₹ 3000/-
	    Students: ₹ 1000/-
	The above fee includes all instructional materials, computer use for tutorials, internet facility. The participants may be provided with accommodation on payment basis subject to availability.
	
	All course registrations will processed via the national GIAN portal (www.gian.iitkgp.ac.in), where Rs. 500/- one-time fee is payable in addition to the above amount.
	
	Registration fee can be directly deposited through NEFT to the designated account as given below or can be sent in the form of demand draft drawn in favor of **"NMEICT"** payable at Allahabad.
	Account Name: NMEICT
	Account No. 718400301000171
	Bank: Vijaya Bank, MNNIT Branch, Allahabad-211004, UP, INDIA
	IFSC Code: VIJB0007184
	Last Date of Registration: 10 July 2016

The Faculty

Prof. Babita Gupta is a Professor of Information Systems and the Director of AACSB Accreditation in the College of Business at California State University Monterey Bay, California, USA. Her research interests are in the areas of business analytics, technology adoption, online security and privacy, and the role of culture in IT.

Dr. G. P. Sahu is an Associate Professor, Motilal Nehru National Institute of Technology Allahabad, India. His research interests are in the areas of MIS and E-governance. Dr. Sahu has acted as a reviewer for international journals. He is also a Guest Editor with International Journal of Electronic Governance. Dr. Sahu has been on the jury for the CSI- Nihilent E-governance National Awards, India.

Course Co-ordinator

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