Green IT Adoption: An Academic Review of Literature

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Abstract: The emphasis on industrial growth has resulted in questions that challenge current economic growth models and practices. In particular, increasing emission of greenhouse gases, carbon monoxide from energy consumption and exploitation of natural resources have been identified as by-products that contribute to unsustainable economic practices. In this context, innovation adoption through Green IT is one of the emerging practices to address these challenges. Using critical analysis of literature technique, the paper presents the prevailing themes and trends in sustainable development and green IT practices. Furthermore, the paper presents the possible implications of the global Green IT practices to the Philippine business process outsourcing industry.

Key Words: green IT, green IT adoption, green IT practices, sustainable development