# An Integrated Model for Green Computing towards Sustainability

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The concept of Green Computing is widely taken into consideration by both local and global computing industry due to serious environmental issues such as global warming, high energy consumption, and e- waste. Thus the global community strongly believe that Green computing contributes to solve these environmental issues and achieve sustainability. However it is doubtful that, does green computing really contributes sustainability since there are lack of scholarly evidence. Therefore this study aims to propose an integrated model for green computing towards sustainability in order to identify how green computing contributes to achieve sustainability. In that model green computing is recognized as four major stages as Green design, Green manufacturing, Green use and Green disposal while sustainability is indicated with three major aspects as economic, environment and social performance. Since there are some vacuum of experimental research in the field of green computing towards sustainability and the existing studies were more focused on only environmental impact of green computing rather balancing all three dimensions of sustainability, the researcher concludes that proposed model will be more reasonably addressed the sustainability in the field of green computing by addressing all three aspects of sustainability including environment, social and economic.

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