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GREEN COMPUTING A MODERN APPROACHES TO INFORMATION TECHNOLOGY

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ABSTRACT

Green computing is the practice of using computing resources efficiently. Modern IT relies upon a complicated mix of people, networks, and hardware, as such a green computing initiative must be systematic in nature, and address increasingly sophisticated problems. Green computing is the utmost requirement to protect environment and save energy along with operational expenses in today's increasingly competitive world. Green technology focuses on reducing the environmental impact of industrial processes and innovative technologies caused by the Earth's growing population. It has taken upon itself the goal to provide society's needs in ways that do not damage the natural resources. This means creating fully recyclable products, reducing pollution, proposing alternative technologies in various fields, and creating a center of economic activity around technologies that benefit the environment. The huge amount of computing manufactured worldwide has a direct impact on environment issues, and scientists are conducting numerous studies in order to reduce the negative impact of computing technology on our natural resources. A central point of research is testing and applying alternative nonhazardous materials in the products' manufacturing process.

KEYWORDS: Proposing Alternative Technologies in Various Fields, "Green Computing", Maximize Energy Efficiency during the Product's Lifetime