University of Engineering and Management, Kolkata
Presents
8th International Conference on Green Computing

UEM GREEN 2027

02nd April – 03rd April

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Introduction on Green Computing

Green Computing is the practice of using computers and other computing devices in a way that reduces their Environmental impact. It is also known as Sustainable Computing. In broader term, it is also defined as the study of designing, engineering, manufacturing, using and disposing of computing devices in a way that reduces their environmental impact. The goals of Green Computing include optimizing energy efficiency during the products' lifecycle, leveraging green energy sources to power the product and its networks, improving the reusability, maintainability and repairability of the product to extent its lifecycle.

The goals of green computing are similar to green chemistry i.e., reduce the use of hazardous materials, maximize energy efficiency during the product's lifetime, the recyclability or biode-gradability of defunct products and factory waste.

List of topics:

Energy-Efficient Hardware & Systems	***Data Centers, Cloud, & Edge Computing***
Green Networking & Communications	***Renewable Energy & Smart Grids***
Software & Algorithmic Sustainability	***E-Waste, Metrics, & Policy***
Green IT Metrics & Standards	***Bioinformatics***
Communication & Networking Technologies	***Cloud Computing***
Quantum Computing	***Internet of Things***
Low Power Communication Technologies	***Mobile Computing & Smart Grid***

Important Dates:

Paper Submission: 1st March

Intimation of Acceptance: 15th March

Submission of CRM: 25th March

Regular Registration: 25th March

Registration Fees (+GST applicable)

Regular Papers: Rs. 1000

Student Papers: Rs. 750

Foreign Delegates: $50

** The Selected Accepted papers will be published as Book Chapters in Scopus Indexed Book by Bentham **

Venue: ***University of Engineering and Management, Kolkata***
Mode: ***Hybrid***
Conference Website Link: ***https://sites.google.com/view/uemgreen-2027***
Paper Submission Link: http://cmt3.research.microsoft.com/UEMGREEN2027

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