

Permission Letter for Expert Session

To,
HOD ,
Deaprtment of computer Engineering ,
AVCOE , Sangamner

I am writing to request your permission to organize a guest lecture on Green Computing in our department on 01 Oct 2022. This event is being organized by the Association of Computer Engineering Students (ACES) with the objective of creating awareness about the importance of environmentally sustainable computing practices among our students.

We are delighted to inform you that Mr. Suyog Kotkar, a renowned expert in the field of Green Computing, has kindly agreed to deliver the lecture. Mr. Kotkar has extensive knowledge and experience in this domain and has been actively involved in promoting eco-friendly computing solutions.

The guest lecture on Green Computing will cover topics such as energy-efficient hardware design, power management techniques, virtualization, and recycling of electronic waste. It will provide valuable insights into the current challenges and opportunities in the field of Green Computing, and inspire our students to adopt environmentally conscious practices in their future endeavors.

We kindly request your permission to use a suitable venue in the department for this event, such as a seminar hall or a dedicated classroom. We assure you that all necessary arrangements will be made to ensure a successful and engaging session. The lecture will be followed by a question-and-answer session, allowing students to interact with Mr. Kotkar and further deepen their understanding of the subject matter.

Attached to this letter is a detailed proposal outlining the objectives, schedule, and expected outcomes of the guest lecture. We believe that this event will greatly benefit our students by equipping them with knowledge and skills to contribute to a greener and more sustainable future.

Thank you for considering our request. We look forward to your positive response. Should you require any additional information or have any concerns regarding this event, please do not hesitate to contact us.

Sincerely,


Chaitanya Joshi

ACES





**AMRUTVAHINI COLLEGE OF ENGINEERING,
SANGAMNER**



DEPARTMENT OF COMPUTER ENGINEERING

ASSOCIATION OF COMPUTER ENGINEERING STUDENTS

ORGANISES,

EXPERT LECTURE

on

**Green
Computing**

By

**Mr. Suyog
Kotkar**

Venue : Vishweshwarya Hall

OCT

01th

2022



VAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF COMPUTER ENGINEERING,
ASSOCIATION OF COMPUTER ENGINEERING STUDENTS
www.avcoe.org email: principal@avcoe.org Phone: 02425 259016/17/18



Expert Lecture Report

****Report on Expert Lecture on Green Computing Conducted in College****

Date: 1 Oct 2022

Venue: Class Room 3

****Introduction:****

An expert lecture on green computing was conducted at AVCOE on 1ST Oct 2022. The purpose of the lecture was to create awareness among students about the importance of green computing and its role in mitigating environmental challenges. The lecture aimed to highlight the significance of sustainable computing practices, energy-efficient technologies, and responsible electronic waste management.

****Speakers:****

We were privileged to have Mr. Suyog kotkar, a renowned expert in the field of green computing, as the keynote speaker for the event. [Speaker's Name] has extensive experience in promoting eco-friendly computing solutions and has been actively involved in research and advocacy related to green computing.

****Lecture Highlights:****

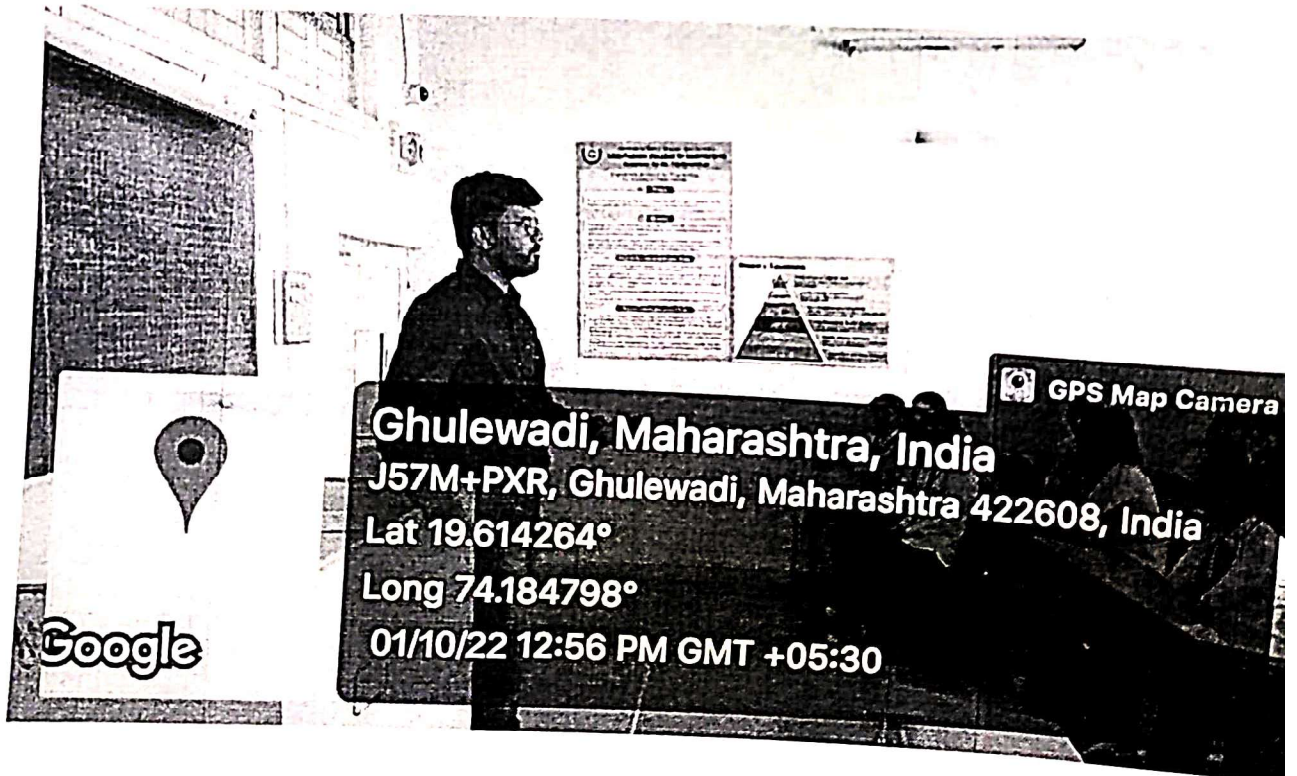
- **Introduction to Green Computing:**** The lecture began with an introduction to the concept of green computing, emphasizing the need to reduce the environmental impact of information technology systems. The speaker highlighted the increasing energy consumption, carbon emissions, and electronic waste generation associated with computing technologies.
- **Energy Efficiency in Computing:**** The importance of energy-efficient computing practices was discussed. The speaker emphasized the significance of optimizing hardware, software, and network components to minimize energy consumption. Various strategies like power management techniques, virtualization, and efficient cooling systems were explored.
- **Renewable Energy Integration:**** The lecture focused on the integration of renewable energy sources in computing infrastructure. The speaker explained how renewable energy, such as solar and wind power, can be harnessed to power data centers and reduce dependence on non-



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