Sandip University

School of Engineering & Technology

Mahiravani, Trimbak Road, Nashik – 422 213

Report

on

Eminent Lecture Series

Academic Year 2021-22, Semester I

Organised by

Department of Basic Engineering Sciences

Convener

Dr. Mahendra D. Shinde

Associate Professor & Head

First Year B.Tech

Organizing Committee Members

Ms. Neetu Sharma, **Assistant Professor**

Mrs .Megha Kothawade, **Assistant Professor**

Dr. Anita Kailas Sanap, **Assistant Professor**

Eminent Lecture No. 6

Topic: *"Emerging Technologies"*

Resource Person: Dr. Suresh Kumar Mortha, HOD Aerospace Engineering, SOET, Sandip University, Nashik.

Date: Friday, February 25th, 2022

Time: 2:00 pm

Venue: Y Building, Seminar Hall, SOET

A guest lecture on ""Emerging Technologies" organized by Department of basic Engineering Sciences on Dt.25-02-2022 for the First Year B.Tech. students. The eminent speaker was **Dr. Suresh Kumar Mortha,** HOD Aerospace Engineering, SOET, Sandip University, Nashik.

Eminent Speaker

Dr. Suresh Kumar Mortha sir discussed that the Emerging technologies are technologies whose development, practical applications, or both are still largely unrealized, such that they are figuratively emerging into prominence from a background of nonexistence or obscurity. Emerging technologies are generally new but also include older technologies that are still relatively undeveloped in potential, such as gene therapy.

Dr. Suresh Kumar Mortha sir introduced that emerging technologies include a variety of technologies such as educational technology, information technology, nanotechnology, biotechnology, cognitive science, robotics, and artificial intelligence.

Further he added that emerging digital technologies have generated new opportunities while creating new legal challenges, particularly related to copyrights, trademarks, patents, royalties, and licensing. For example, the development of new digital communication technologies and media has given rise to novel issues relating to the digital reproduction and distribution of copyrighted works.

Dr. Suresh Kumar Mortha sir also said that the wireless technology will provide the backbone for the internet of things (IoT), which will expand the power of the internet beyond computers and across a wide range of objects, processes, and environments. The IoT is the keystone technology for such futuristic scenes as smart cities, robot-driven agriculture, and self-driving highway systems.

Guest introduction by first year students

Faculties and Students

Group Photograph

The lecture concluded with a short Question and Answer session.

Student's Feedback: *As per discussion with the students, the topic covered was appreciated by most of the students and requested to arrange such talk in the future also.*

First Year B.Tech Department of Basic Engineering Sciences