Sandip Foundation's

Sandip Institute of Technology and Research Centre, Nashik

Department of Computer Engineering

Activity Report
Of

Value Added Program
on
Theory of Computation

(2nd March to 5th March 2022)

Organized by

Department of Computer Engineering

Sandip Institute of Technology and Research Centre, Nashik

Name of Program: Value Added Program on TOC

Date: 2nd March to 5th March 2022

Resource Person: Somnath Gunjar, Parikrama, COE

Event Coordinator: Prof. Abhay Gaidhani

Participants: TE Students (Computer Department)

Venue: Computer Department, Class room (C Building)

Aim:

The aim of this was to help students to learn the basic concepts of TOC

Objective:

1. To understand the importance of the subject
2. To learn about the aspects related to other courses.

Outcomes:

1) Students understood the basic concepts of TOC

Topics covered

1. What is the Theory of Computation?
2. Basic Terminologies of TOC Choosing a Model
3. Transition Function
4. Theory of Computation Benefits
5. Research Areas of TOC

Summary Report of VAP on TOC

A VAP to make students aware about TOC was organized by the department of Computer Engineering, Sandip Institute of Technology and Research Center, Nashik. The seminar was organized to inform students about various methods and techniques related to TOC which are also used in the industry. The seminar was organized on Date: 2nd March to 5th March 2022. The lecture started with welcome & felicitation of Prof Somnath Gunjar from Daund. Dr Gunjar guided students about how TOC is an important subject to study and learn. He also explained students about various trends available in the market what the industries expect form the employees. He explained the students how learning TOC gives benefits for Empowerment and how it is useful for calculations in computer science. Prof Gunjar also informed students that theory of computation is a branch of computer science and mathematics combined that "deals with how efficiently problems can be solved on a model of computation, using an algorithm". It studies the general properties of computation which in turn, helps us increase the efficiency at which computers solve problems. The workshop was attended by 59 students. At the end of event students appreciated the session. Students understood the importance of could technology and its use in the current industrial scenario. The workshop concluded with vote of thanks proposed by Prof. Abhay Gaidhani .

Prof. Abhay Gaidhani
Co-ordinator

Prof. (Dr.) Amol. D. Potgantwar
(HOD, Comp Dept.)

Photograph: