

Pedagogical Training using ICT Tools

8th – 9th October, 2016

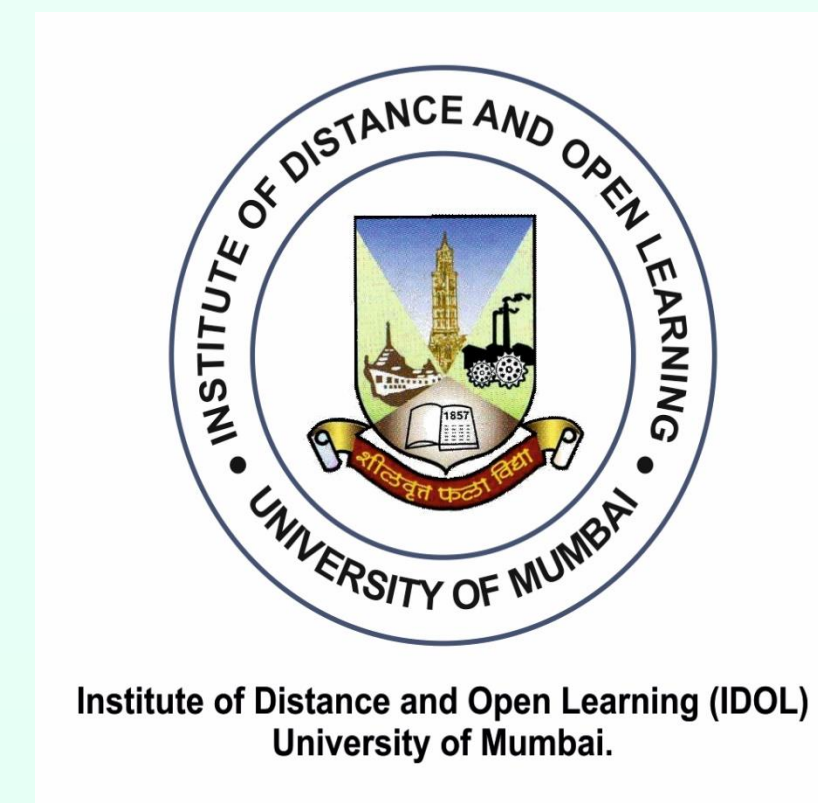
Jointly Organized by

Department of Mathematics,

Institute of Chemical Technology, Mumbai

and

Institute of Distance and Open Learning, University of Mumbai



The aim of the workshop is to introduce visual programming platforms, namely, Scratch and Alice to the Mathematics teachers as fun and innovative ways for engaging students. Hands on these interactive ICT tools is a specialty of this Programme. We shall learn how to solve geometric, trigonometric and algebraic problems using these platforms.

What is Scratch / Alice?

Scratch is a visual programming language for creating interactive stories, animations, games, music, and arts, those could be shared on web. Scratch projects are fun opportunities for students to develop their understanding of important mathematical and computational concepts. Scratching encourages creativity, systematic learning and team spirit.

Alice is an advanced, object oriented platform, of the same genre that provides more control to the users.

Target Audience

The course is aimed at encouraging mathematics teachers to use ICT tools and promote creative teaching and, making learning math a fun.

Prerequisite

Basic knowledge of handling computer is compulsory. Programming background is not mandatory though desirable.

Venue

Institute of Chemical Technology
Nathalal Parekh Marg, Matunga (East)
Mumbai – 400 019

List of Speakers

Prof. I. K. Rana, IIT Bombay
Dr. Ambuja Salgaonkar, IDOL, University of Mumbai
Dr. Ajit Kumar, ICT Mumbai
Prof. G. Nagarjuna, HBCSE, Mumbai
Prof. Jayant Kirtane, KMIT, Hyderabad
Mr. Ritesh Vispute, Sahyadri School, Pune
Mrs. Sindhu Nagindas Khandwala College, Goregaon

Registration

Please fill the registration form online by login to the site:

<https://sites.google.com/site/scratchictmumbai/>

Fee is Rs. 800/- which can be paid in cash at the time of Registration.

The last date for registration is **September 30, 2016.**

Organizing Committee

Dr. Ajit Kumar, ICT Mumbai (Convener)
Dr. Amiya Bhowmick, ICT Mumbai
Dr. Ambuja Salgaonkar, IDOL, University of Mumbai

Correspondence

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