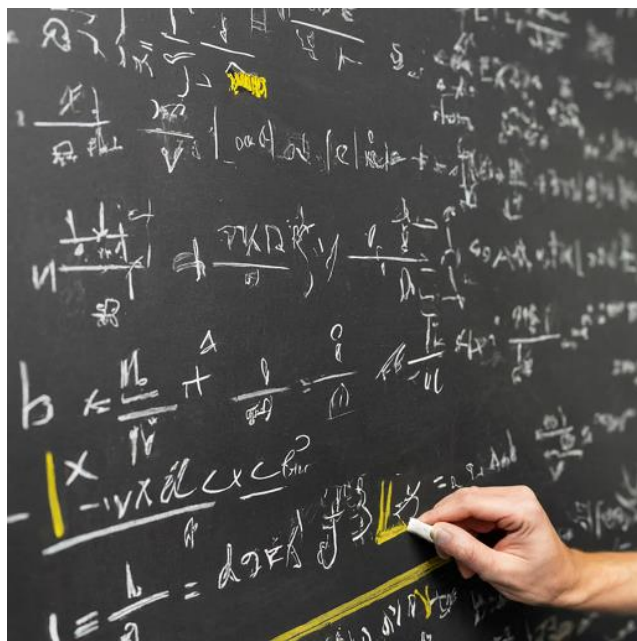
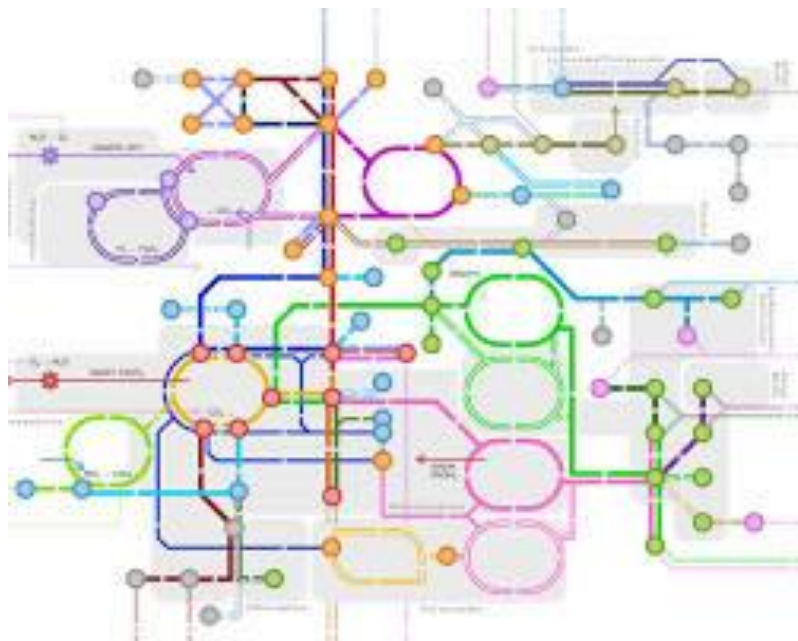


MetaMod2024

A Workshop on “Metabolic Modelling: Tools, Techniques & Applications in Research”



Who can apply?

Pre-requisites: Post-grad students/PhD Scholars/post-docs/ industry personnel working in cell metabolism/biochemistry/microbiology/biotechnology etc. or Computer Science with a project in life sciences.

Deadline for application: Sept. 7th 2024

WORKSHOP DETAILS

When: September 17-20, 2024

Where: National Chemical Laboratory, Pune

Charges: INR 2950 (Academia)

Time: 10am-6pm

Course Instructors:

Mark Poolman, Oxford Brookes University

Dipali Singh, Quadram Institute, Norwich

Anu Raghunathan, NCL, Pune

What you need to attend?

Laptops/Computers will not be provided. Participants should have laptops with an up-to-date linux installation (Debian or Ubuntu) preferably as the main OS. It may be possible to run it from the venue as a guest OS on a virtual machine .

About MetaMod2024

Hands on workshop with lectures and hands on training on the tools, techniques and applications of metabolic modelling, Lectures will cover Introduction to metabolic modelling including mathematical representation of metabolic networks, Python based computational representation of metabolic networks, linear programming and Flux Balance Analysis. A few applications like pathogen physiology, antibiotic resistance and metabolic engineering will be covered.