



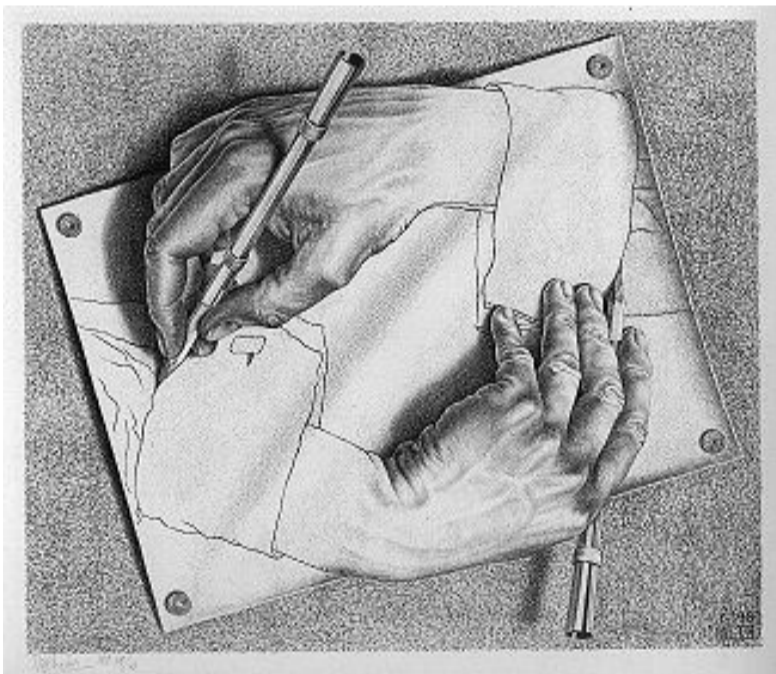
## Module PMRF-ISSS148/III/2024 Applied Concentration Inequalities

### Name of the PMRF student

Nishanth Shetty

### Required background of the students taught

UG/PG students from Computer Science, Mathematics, Electronics and Communication Engineering, Electrical Engineering



*Drawing Hands* lithograph by [M. C. Escher](#)

### Details of the course contents

Concentration inequalities, reproducing kernel Hilbert spaces, probably approximately correct learning theory, empirical risk minimisation, Vapnik-Chervonenkis classes, Concept learning in binary classification, regression with a quadratic loss.

### Schedule of the module

Start Date: 17th September

Days: Monday, Wednesday, Friday

Times: 09:00 a.m. to 10:00 a.m.

Total Time: 24 hours

Meeting link : Will be shared later

Contact email ID: [iss.forum@gmail.com](mailto:iss.forum@gmail.com)

[nishanth@iisc.ac.in](mailto:nishanth@iisc.ac.in)

Registration link: <https://forms.gle/jZAEKrP3XvPC8pJx8>