



# TESSELLATE 2026

Email: [tessellate@cmi.ac.in](mailto:tessellate@cmi.ac.in)

Chennai Mathematical Institute, H1, SIPCOT IT Park, Siruseri, Kelambakkam, Chennai – 603103

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## STEMS 2026

### Probability-Statistics Syllabus

- Introduction to Probability (See Feller/Ross)
- Probabilistic Inequalities, convergence theorems
- Probabilistic Method – Linearity of Expectation, Random Graphs, Alteration, Lovasz Lemma
- Basic Measure Theoretic Probability
- Statistical Inference, Descriptive Statistics, Predictive Analysis