B.Pon Kailash Raj

Bachelor of Technology
Mathematics and Computing

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EDUCATION

- **Indian Institute of Science, Bangalore** — *2022- July 2026(Expected)*
  B.Tech in Mathematics and Computing — CGPA (Till Fifth Semester) : 8.9

- **Maharishi Vidya Mandir, Chennai** — *2018-2022*
  Central Board of Secondary Education (Class-12) — Percentage: 96%

RELEVANT COURSES

Mathematics - Martingales and Brownian Motion, Ergodic theory,Probability Theory, Measure theory, Complex Analysis, Introduction to Stochastic Processes, Probability and Statistics, Numerical Methods, Graph Theory, Algebraic Structures, Real Analysis.

Computer Science - Information theory, Computational Methods of Optimization, Computational Geometry, Design and Analysis of Algorithms, Artificial Intelligence and Machine Learning, Data Structures and Algorithms, Discrete Mathematics

RESEARCH INTERESTS

I am interested in **probability**, primarily in **discrete probability** and **stochastic processes**. I am also interested in **algorithms**.

TECHNICAL SKILLS

- **Programming Languages :** Proficient in Python and LaTeX.

ACHIEVEMENTS

- **NTSE:** Stage 2 Awardee — *2020*
- **JEE Advanced :** All India Rank 435 — *2022*
- **JEE Mains :** All India Rank 416 — *2022*
- **KVPY SX :** Scholar - All India Rank 198 — *2022*
- **KVPY SA :** All India Rank 293 — *2021*
- **HBCSE National Olympiad:** INMO - Attendend the MOOC-Online — *2021*

LANGUAGES

- Tamil- Native or Bilingual proficiency

- English- Full professional proficiency