

## Life Of Srinivasa Ramanujan

**Srinivasa Ramanujan (1887-1920) was an Indian mathematician who made significant contributions to number theory, mathematical analysis, and infinite series, despite having limited formal education. He is known for his self-taught genius and his collaboration with the British mathematician G.H. Hardy at Cambridge.**

**Here's a more detailed look at his life:**

### **Early Life and Education:**

- **Born in Erode, Tamil Nadu, India, into a poor Brahmin family.**
- **Developed a passion for mathematics at a young age, teaching himself advanced concepts from books like "Synopsis of Elementary Results in Pure and Applied Mathematics".**
- **Fell behind in other subjects due to his intense focus on mathematics, eventually losing his scholarship to the Government College at Kumbakonam.**
- **Worked as a clerk while continuing his mathematical research, sending letters and papers to mathematicians like Hardy.**

### **Collaboration with Hardy and Cambridge:**

- **Hardy recognized Ramanujan's genius and invited him to Cambridge University in 1914.**
- **Collaborated with Hardy on various mathematical problems, including number theory and infinite series.**
- **Published papers in English and European journals, gaining international recognition.**
- **Became a Fellow of the Royal Society and a Fellow of Trinity College, despite facing some racist opposition.**

### **Later Life and Legacy:**

- **Contracted tuberculosis in 1917 and returned to India in 1919.**
- **Died in Kumbakonam in 1920 at the young age of 32.**
- **His work continues to inspire mathematicians today, with his notebooks containing theorems and formulas that are still being studied.**
- **His life story has been the subject of books and films, including "The Man Who Knew Infinity: A Life of the Genius Ramanujan".**

## Life Of Srinivasa Ramanujan

**Ramanujan's story is a testament to the power of passion, perseverance, and the ability of the human mind to overcome obstacles and achieve greatness.**

### Wikipedia



- **Srinivasa Ramanujan | Mathematician, Biography ... - Britannica**

**May 17, 2025 — Early life. Ramanujan's early life was unconventional for a mathematician. Born into a poor Brahmin family, he had lit...**

### Britannica



- **Srinivasa Ramanujan (1887 - 1920) - Biography**

**Ramanujan, on the strength of his good school work, was given a scholarship to the Government College in Kumbakonam which he enter...**

### MacTutor History of Mathematics

