MATH PROJECT

Topic - Srinivasa Ramanujan Iyengar - An Indian Mathematician

SRINIVASA RAMANUJAN IYENGAR (1887-1920)

Srinivasa Ramanujan Iyengar, born on 22nd December 1887 in Erode (Tamil Nadu) was an Indian mathematician who, with almost no formal training or education had significantly contributed to mathematics.

Ramanujan had a brief life span of only 32 years. He died of T.B. at the age of 32. He developed as a mathematician under the guidence of G.H. Hardy, who bought him to Cambridge University in 1916.

Ramanujan's Contributions to Mathematics -

Most of his contribution are in the form of identities and equations and he invented a summation process called Ramanujan Summation.

His work on the idea of primes is considered one of the most outstanding achievements in the history of mathematics.

- He made significant contribution to analytical continuction and conjectures.

- His discoveries include identities like theta, gamma, zeta and beta functions.

- He made significant contribution to the infinite series for Pi

- He left a collection of papers that contained more than 3,000 formulars and identities.
- He published more than 340 mathematical papers spanning various mathematical areas.

His contributions to mathematical literature are enormous; hence, he is considered one of the greatest Indian mathematician ever lived.