A Special Feature:

Brief Information about Bernhard Riemann

(A Great German Mathematician)

**Full Name:** Georg Friedrich Bernhard Riemann

**Born on:** September 17, 1826

**Place of Birth:** Breselenz, Federal Republic of Germany

**Nationality:** German

**Father’s name:** Friedrich Bernhard Riemann, Lutheran pastor

**Mother’s name:** Charlotte Ebell

**Valuable contributions to the fields:**
- Real Analysis
- Number Theory
- Differential Geometry
- Fourier Series
- Complex Analysis
- Theory of Functions
- Physics

**Research Advisor:** Carl Friedrich Gauss

**Renowned Teachers inspired him:**
- Steiner
- Jacobi
- Dirichlet
- Eisenstein

**Scholars who influenced him:**
- Charlotte Ebell
- Moritz A. Stern
- Carl W.B. Goldschmidt

**Education in the Universities:**
- University of Göttingen
- University of Berlin

**Revolutionary Contributions:**
- Cauchy–Riemann equations
- Measurable Riemann mapping theorem
- Riemann bilinear relations
- Riemann–Cartan geometry
- Riemann conditions
- Riemann curvature tensor
- Riemann function
- Riemann–Hilbert correspondence
- Riemann–Hilbert problem
- Riemann–Hurwitz formula
- Riemann hypothesis
- Generalized Riemann hypothesis
- Riemann–Lebesgue lemma
- Riemann mapping theorem
- Riemann matrix
- Riemann–Roch theorem
- Arithmetic Riemann–Roch theorem
- Riemann–Roch theorem for smooth manifolds
- Hirzebruch–Riemann–Roch theorem
- Riemann series theorem
- Riemann–Siegel formula
- Riemann singularity theorem
- Riemann–von Mangoldt formula
- Riemann Xi function
- Riemann zeta function
- The tangential Cauchy–Riemann complex
- Zariski–Riemann space

**His Famous Student:** Gustav Roch

**Life span:** 39 years

**Died on:** July 20, 1866

**Place of Death:** Selasca, Kingdom of Italy