



SIR CHADRASEKHARA VENKATA RAMAN

Nobel Laureate

7 November 1888 – 21 November 1970

Sir C.V. Raman is one of the most renowned scientists produced by India. His full name was Chandrasekhara Venkata Raman. He was born on November 7, 1888 in Thiruvanaikoil, Tiruchirappalli-Dt., Tamil Nadu. He was the second child of Chandrasekhar Iyer and Parvathi Ammal. His father was a lecturer in Mathematics and Physics, so he had an academic atmosphere at home. He entered Presidency College, Madras, in 1902, and in 1904 completed his B.A. examination, winning the first place and the gold medal in Physics. In 1907, Sir C.V. Raman fulfilled his M.A. obtaining the highest distinctions. During those times there were not many opportunities for scientists in India. Therefore, Raman joined the Indian Finance Department in 1907. After his office hours, he carried out his experimental research in the laboratory of the Indian Association for the Cultivation of Science at Calcutta. He carried out research in acoustics and optics.

In 1930, Sir C.V. Raman was awarded with Nobel Prize in Physics for his pioneering work on scattering of light. The discovery was later named as "Raman Effect". In 1934, C.V. Raman became the director of the newly established Indian Institute of Sciences in Bangalore, where two years later he continued as a Professor of Physics. Other investigations carried out by Raman were: his experimental and theoretical studies on the diffraction of light by acoustic waves of ultrasonic and hypersonic frequencies (published in 1934-1942), and those on the effects produced by X-rays on infrared vibrations in crystals exposed to ordinary light. In 1947, he was appointed as the first National Professor by the new government of Independent India. He retired from the Indian Institute of Science in 1948 and a year later, he established the Raman Research Institute in Bangalore, where he worked till his last day on November 21, 1970.

Sir C.V. Raman Endowment was created with the corpus fund of the Department of Physics in the academic year 2019-2020. Endowment amount of Rs.1,00,000 was deposited into the bank, sponsored by Alumni students of Physics. The endowment focuses to promote research and development activities in the field of Physics and utilizing the interest from the fund for conducting conferences. Every year Eminent Personality in the field of Physics will be invited to deliver the Lecture to promote scientific information exchange among the students.



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2nd SIR C.V. RAMAN ENDOWMENT LECTURE ON MYSTERIES OF THE DARK UNIVERSE

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DATE: 12.04.2023

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TIME: 11-00 a.m.

