



Chasing the Feeble Fluorescence

A dramatized rendition of Sir C.V. Raman's groundbreaking experiments at the Indian Association for the Cultivation of Science, that, for the first time brought the Nobel Prize in Science to Asia.

SCRIPT & DIRECTION

Subha Das Mollick

PRODUCTION

**Indian Association for the Cultivation of Science
(Prof. Kalobaran Maiti, Director IACS)**

*Chasing
the Feeble
Fluorescence*

Chasing the Feeble Fluorescence

Part 3

In the third decade of the 20th Century, the Physics Department of the University College of Science flourished under Palit Professor C.V. Raman and the laboratory of the Indian Association for the Cultivation of Science became the crucible for breakthrough experiments in light scattering. What started off as a chance discovery of feeble secondary radiation in the light scattered by some liquids, was soon recognized as “modified scattering” due to a quantum effect.

On February 28, 1928, Raman went public with his discovery of the “new kind of secondary radiation”. This phenomenon of scattering quickly acquired the name Raman Effect. Two years later, on December 10, 1930, Raman was awarded the Nobel Prize in Physics for the discovery of the effect that bore his name. “The Raman effect has opened new routes to our knowledge of the structure of matter and has already given most important results” read the citation of the award.

TO LISTEN TO CHASING THE FEEBLE
FLUORESCENCE — PART 3

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VOICING ARTISTES

C.V. Raman

Narrator

Lokasundari

Krishnan

Ashu Babu

Prof. Pleijel

Students

Neighbours

Deep Sarkar

Shivnath Mukherji

R. Bhanumathi

N. Rajaram

Subarna Mandal

Debashish Raychaudhuri

Antarik Sarkar

Prasun Das

Rajarshi Mitra

Sayantan Mukherjee

Aditi Goswami

Aishee Saha

MUSICIANS

Veena

Violin

Mridangam

Revathi Sadashivam

S. Ranganathan

S. Venkataraman

SOUND DESIGN & MIXING

Subhadeep Sengupta

Music

Subhashish Sen

CONTENT GUIDANCE

Dr. T.V. Venkateswaran

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