



**Government Engineering
College Sector-28,
Gandhinagar EBSB
Cell**



**A Report on DOCUMENTARY ON
“Sir C V Raman”**

EBSB Unit Name: - EBSB Cell GEC Gandhinagar

Event Name: - Documentary on “Sir C. V. Raman”

Event Date/Time: - 28TH FEB, 2022 at 03:30 PM

Description of the event:-

The Documentary on “Sir C. V. Raman” started at 03:30PM. The documentary was presented on YouTube by the organizer. The documentary was focusing on the life journey and achievements of sir C. V. Raman.

Photographs of the events:-



In Depth - C.V Raman

The chalkboard contains the following content:

THEORETICAL RESULTS

D ₃	E	2C ₃	3C ₂	Val. ratio of 4 Wavelengths	No. of Wavelengths	Forbidden
A	1	1	1	4	0	4
B	1	1	-1	5	1(2)	4
E	2	-1	0	9	1(2,4)	8

EXPERIMENTAL RESULTS

Wavelength (cm ⁻¹)	356	466	760
Strong Absent	356	466	760
Weak	145	509	760
Strong	265	444	760
Medium	356	466	760
Weak	509	656	760
Medium	760	760	760

LONGWAVE INFRARED BANDS

λ IN μ	Frequency in μ	Polarisation
11.2	8.9	E
2.6	3.8	B
1.8	5.6	E

I.R.

8.975, 8.714, 1065 Z.Cat, 1162, 1982

19 3:43, 508, 476, 385(34)

AN



In Depth - C.V Raman

as born in Trichy, Tamil Nadu in Nov 1888

3:43, 3:46 / 26:22





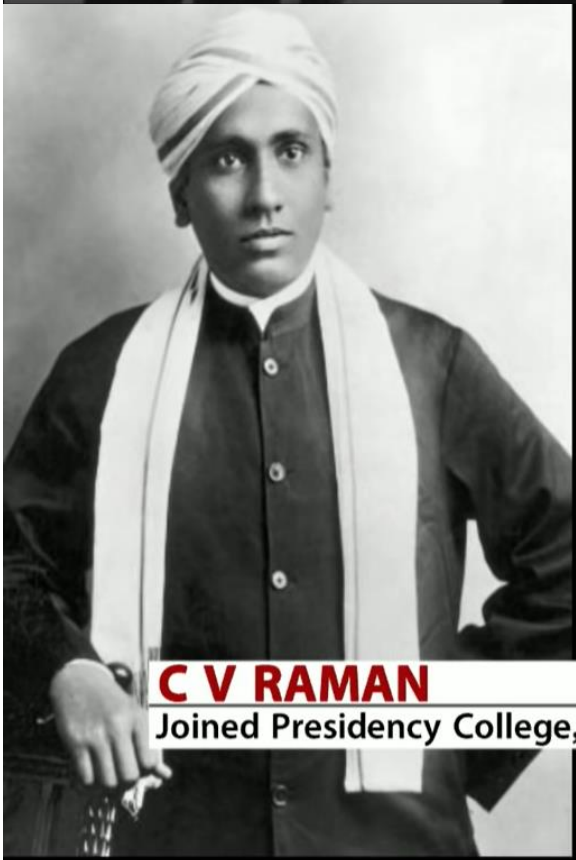
Got

University of Madras in 1907

RStv
राज्य सभा

5:34

5:38 / 26:22



C V RAMAN

Joined Presidency College, Madras in 1902

RStv
राज्य सभा

C.V. RAMAN

Scientific Milestones

- 1926: Brought out 'Indian Journal of Physics' as its first editor
- 2nd volume of Journal published his article 'A New Radiation'
- 1928: Discovery of Raman Effect