

for the Cultivation of Science awarded Dr. Herzberg its Joy Kissen Mukherjee Golden Medal. Jadavpur University, Calcutta and the Indian Academy of Sciences, Allahabad, have made him a Honorary Fellow.

The work for which Dr. Herzberg received the Nobel Prize is concerned with the structure of molecules, which is of fundamental importance in physics and chemistry. Some of his work has enabled astronomers to establish that certain molecules are present in planets, stars and in space between stars.

Dr. Herzberg is regarded as the founder of what is known as molecular spectroscopy: the

science of defining the shape and other physical measurements of molecules by measuring the light absorbed or emitted by them. His three volume work, **Molecular Spectra and Molecular Structure** has made his name known in chemical laboratories throughout the world. He is also the author of about 200 publications in spectroscopy and quantum mechanics.

The only other Canadian Nobel laureates are the late Sir Frederick Banting and the former Prime Minister, Lester B. Pearson. Dr. Banting's prize was in medicine for the discovery with Dr. Charles Best of insulin. Mr. Pearson's award came in 1957 for his diplomatic steps to bring peace to West Asia.

