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3 JAN 1949

# Dr. Sir K. S. Krishnan

## GENERAL PRESIDENT

**P**ROF. Sir K. S. Krishnan has had a remarkably brilliant career. After completing his University education, Krishnan joined the staff of Madras Christian College, but his thirst for higher studies and research did not keep him long there. In 1923 he joined the band of research students working under the inspiring guidance of Prof. C. V. Raman at the Indian Association for Cultivation of Science, Calcutta. Placed in the proper environment, Krishnan soon shone out as an enthusiastic and brilliant investigator. In 1928, he was appointed Reader in Physics at Dacca University. This post he occupied with distinction for five years, and when Prof. Raman left Calcutta in 1933, Prof. Krishnan was appointed to the newly created Mahendralal Sircar Professorship of Physics at the Association. Prof. Krishnan successfully kept up the great research traditions of the Indian Association acquired during the leadership of Prof. Raman. In recognition of his distinguished researches in optics, and especially for his study of the influence of magnetism of crystals, he was elected Fellow of the Royal Society of London in 1940. In 1942, he was invited by Allahabad University to occupy the Chair of Physics in which post he continued till 1948 when he was appointed the first Director of the National Physical Laboratory, New Delhi.

### RESEARCH ACTIVITIES

The research activities of Prof. Krishnan and his associates extend over diverse branches of physics. During the years 1923-28 he carried out a series of important investigations, both theoretical and experimental, on the scattering of light, molecular optics and Raman effect, in collaboration with Prof. Raman. While at Dacca, and, later, at the Indian Association, Prof. Krishnan initiated and conducted with conspicuous success



numerous investigations on the magnetic properties of crystals, the results of which were published as memoirs in the Transactions of the Royal Society of London. Outstanding investigations on the optical properties of crystals and X-ray crystallography have also been carried out by Krishnan and his collaborators. At Allahabad Prof. Krishnan built up an active school of research, carrying out investigations on the thermal and electrical properties of metals and alloys.

### HONOURED ABROAD

He first visited Europe when he was invited to take part in the International Conference on Photo-Luminescence held at Warsaw in 1936. In 1937, he toured widely throughout Europe and delivered lectures at the Royal Institute in London and the Cavendish Laboratory in Cambridge and in many other important Univer-

sities and research centres. The Liege University honoured him with the award of the University Medal. He visited Europe again in 1939 at the invitation of the International Institute for Intellectual Co-operation to attend the International Conference on Magnetism arranged by the Institute at Strasbourg. In the summer of 1946, he went to England as a member of the Indian delegation to the Royal Society Commonwealth (Empire) Scientific Conference. He took part in the third annual conference of the X-Ray analysis group of the Institute of Physics held at London in July 1946. At the request of the Government of India also he visited Europe and America to survey the modern trends of research in the prominent physical laboratories. He visited U. K. again with other eminent Indian scientists in October, 1948 and returned to India in December, 1948.

### HONOURED AT HOME

Besides being a Fellow of the Royal Society of London, Prof. Krishnan is a member of many scientific societies in India and abroad. He is a Fellow of the National Institute of Sciences of India, ex-President of the National Academy of Sciences of India, and of the Physics Section of the twenty-seventh session of the Indian Science Congress held at Madras in 1940. He was knighted in 1946 and the Degree of Doctor of Science *honoris causa* was conferred on him both in recognition of his services to the cause of Indian science. Simple and unostentatious that he is, Prof. Krishnan is a gifted lecturer, noted for his profundity of ideas and clarity of expression.

Dr. Krishnan is a Member of the 'Atomic Energy Commission' set up by the Government of India. He had been a member of the Board of Research on Atomic Energy and served on a number of scientific committees sponsored by the Government of India.



# PRESS CUTTINGS BUREAU

Telegrams :

"CUTTINGS" { KANPUR.  
NEW DELHI.

TANK ROAD,

REF. No. 3691/Ps/49

KANPUR, January 3, 1949.

Syt. K. S. Krishanan,  
General President, All India Science Congress,  
Senate Hall,  
Allahabad.

Dear Friend,

The session you are presiding is, of course, one of the solutions for Free India's cruxed problems. India has a great man-power, and countless natural sources and means are also procurable, but the people of India ~~does~~ need torch-bearers - like you - to lead them rightly and zealously.

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Yours very cordially,  
for PRESS CUTTINGS BUREAU,

  
(S.S. SETHI)

Director.



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DAWN

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ALLAHABAD

Jan'y...3...1949..

## DR. KRISHNAN BEGINS ATOMIC RESEARCH WORK IN U. S.

WASHINGTON, Dec. 31.—A British and an Indian scientist to-day became the first foreigners to receive training in the handling of radio-isotopes and other research aspects of atomic energy at America's Oak Ridge (Tennessee Institute of Nuclear Studies).

They are Dr. K. Aterman, of the Department of Anatomy of the University of Birmingham, and Sir K. S. Krishnan of Madras, who is at present doing special work at Cornell University in this country.

The Ridge Institute is conducted by 19 southern Universities to provide training in atomic science in collaboration with the Atomic Energy Commission. It specialises in teaching the handling of radio isotopes (by-products of atomic energy development) and it is mainly for this purpose that the foreign students are being admitted.

A Commission spokesman said there was no question of foreigners being told the secrets of the nearby atomic bomb plant or learning of America's manufacturing knowledges.

Sir K. S. Krishnan at 50 is one of the world's best-known scientists.

He has carried out various researches on light scattering, magnetism, crystal physics and chemistry.

He is professor of physics at Allahabad University and director-designate of the National Physical Laboratory of India.—(Reuter).



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2 JAN 1949

## INDIAN SCIENCE CONGRESS

### Allahabad Preparations

ALLAHABAD, December 29: The foreign scientists arriving here to attend the All-India Science Congress in January next will be staying, it is learned, at Government House, along with some of the most eminent Indian Scientists. Prominent among those Indian and foreign scientists are Sir C. V. Raman, Dr. Bhatnagar, Dr. B. Sahani, Prof. S. Chapman, geo-physicist of Great Britain, and Prof. Secunder, archaeologist.

Prof. and Lady Robinson, Monsieur and Madame Juliet Curie will not be able to attend the session, it is learned.

The head office of the Indian Science Congress in Calcutta will be temporarily shifted to Allahabad. It will be housed in the pavilion on the M.C.C. cricket lawn.

Arrangements are also being made for holding an exhibition, during the session, of pharmaceutical products, scientific instruments and chemicals in the Physics Laboratories on January 2. About 20 firms of repute from Agra, Ambala, Calcutta, Bombay, Madras, Benares, Delhi and Cawnpore, besides some firms at Allahabad, will put up their exhibits.

It has now been decided that the Allahabad Municipal Board will accord a civic reception to the most eminent scientists on January 5, at 3 p.m.—U.P.I.