

Patron

Prof S. Anantha  
Ramakrishna,  
Director, CSIR-CSIO

Dr P.K. Khosla,  
Executive Director,  
C-DAC Mohali

Organizing Committee

CSIR-CSIO

Dr Satish Kumar,  
Sr Principal Scientist

Sh Dinesh Pankaj,  
Sr Principal Scientist

Dr Sudeshna Bagchi,  
Sr Scientist

C-DAC, Mohali

Dr Sanjay P. Sood,  
Associate Director

Dr Jaspal Singh,  
Joint Director,

Sh Chetan Manchanda,  
Principal Engineer



CSIR-CSIO, Chandigarh



C-DAC, Mohali

Ref. No.: RSKML-2021/April 2021

Dear Sir/Madam,

We have immense pleasure in informing you that an MoU is signed between CSIR-Central Scientific Instruments organisation (CSIR-CSIO), Chandigarh and Centre for Development of Advanced Computing (C-DAC), Mohali to promote high-end research & development in the areas of societal Sector.

As a part of this scientific understanding, it has been decided to jointly organize 'Dr R S Khandpur Memorial Lecture' on 15<sup>th</sup> April every year. **Prof. K VijayRaghvan, PSA** has agreed to give this inaugural address on 'Science and Technology for Society and the Economy' through virtual mode on 15<sup>th</sup> April 2021 at 3:00 PM. **Dr. Hemant Darbari, DG C-DAC** and **Dr. Neelima Jerath, DG Pushpa Gujral Science City** will also grace the occasion.

Therefore, we invite your good-self to be the part of the occasion. We also request you to please give it a wider publicity by circulating it to other researchers of scientific, engineering and industrial fraternity. The link of the programme is given below:

[Click here for Dr. R S Khandpur Memorial Lecture](#)

The details of the programme is attached herewith

With warm regards,

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CSIO  
CHANDIGARH



IEEE-SB Nanotechnology  
Council Branch Chapter

Joint Organizing Committee  
CSIO Chandigarh & CDAC, Mohali

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**CSIR-CSIO, Chandigarh**

**C-DAC, Mohali**

**Dr. R.S. Khandpur Memorial Inaugural Lecture**

**By**

**Prof. K. VijayRaghavan, PSA**

**on**

**Science and Technology for Society and the Economy**

**APRIL 15, 2021**

**Programme**

15:00 – 15:01	Welcome by Dr. Satish Kumar, CSIO
15:01 – 15:03	Introduction to Dr. R.S. Khandpur Memorial Lecture series - Prof. Anantha Ramakrishna, Director CSIO
15:03 – 15:10	Brief about Dr. R S Khandpur and Introduction to the speaker Prof. VijayRaghavan by Dr. P K Khosla, Executive Director CDAC Mohali
15:10 – 15:55	Lecture by Prof. K VijayRaghavan, PSA
15:55 – 16:05	Q & A session moderated by Dr. P K Khosla, Executive Director CDAC Mohali
16:05 – 16:15	Release of the Book written by Dr. R S Khandpur And address by Dr. Hemant Darbari, DG, CDAC
16:15 – 16:25	Remarks by Shri G D Singh son of Dr. Khandpur
16:25 – 16:30	Remarks by Dr. Neelima Jerath, DG Pushpa Gujral Science City
16:30 – 16:35	Vote of Thanks by Dr. H.K. Sardana , CSIO

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**CSIR-CSIO, Chandigarh**

**C-DAC, Mohali**

*Members of the Organizing Committee Cordially invite you to the*

## **Dr. R.S. Khandpur Memorial Inaugural Lecture**

**By**

**Dr. K. VijayRaghavan, PSA**

**on**

**Science and Technology for Society and the Economy**

**APRIL 15, 2021, 3 PM**

The event is being organised as a part of scientific collaborative understanding between CSIR-Central Scientific Instruments organisation (CSIR-CSIO), Chandigarh and Centre for Development of Advanced Computing (C-DAC), Mohali to promote high-end research & development in the areas of societal Sector and to sensitize & ignite young minds towards science & technology



*15 April 1942 – 19 November 2019*

Dr Raghbir Singh Khandpur was a brilliant and an eminent scientist known for his contribution in medical instrumentation. As the head of Medical Instruments Division and Electronics Division at CSIO, Chandigarh (1975-1989), he had been involved in the successful development of several leading technologies such as Ultrasonic Foetal Monitor, Electroencephalograph machine, Haemodialysis machine, India's first Linear Accelerator for cancer treatment etc. He was also the founder director of C-DAC, Mohali (1989 - 2002). He was also Director General, Pushpa Gujral Science City, Kapurthala, Punjab. He is a recipient of 1989 Independence Day Award by National Research and Development Corporation of India; IETE Gold Medal in 1994 for outstanding contribution for the development of electronic industry; and 2003 Independence Day Award by Government of Punjab. Dr Khandpur was awarded lifetime Achievement Award in the field of science and technology at the National Punjab education Summit and Awards, Chandigarh, 2013. His immense contributions towards popularization and communication of science had earned him the title of "Science Man of Punjab".

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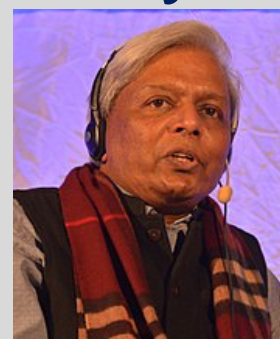


**CSIR-CSIO, Chandigarh**

**C-DAC, Mohali**

# **Dr. R.S. Khandpur Memorial Inaugural Lecture**

**by**



*Dr. K. VijayRaghavan*

**on**

## **Science and Technology for Society and the Economy**

Dr. Krishnaswamy VijayRaghavan FRS is an emeritus professor and former director of the National Centre for Biological Sciences. On 26 March 2018 the Government of India appointed him as the principal scientific adviser. In 2012 he was elected a fellow of The Royal Society and in April 2014 he was elected as a foreign associate of the US National Academy of Sciences. He was conferred the Padma Shri on 26 January 2013 and is also a recipient of the Infosys Prize in the life sciences in 2009.

VijayRaghavan graduated with a Bachelor of Technology degree in chemical engineering from IIT Kanpur in 1975 and a master's in 1977. He completed his doctoral research in 1983 in the field of molecular biology and holds a Ph.D from the Tata Institute of Fundamental Research. He was a senior research fellow at the California Institute of Technology from 1986 to 1988.

His fields of specialization are developmental biology, genetics and neurogenetics. His research primarily focuses on the important principles and mechanisms that control the nervous system and muscles during development and how these neuromuscular systems direct specific locomotor behaviours. He is a member of the board of governors of the Okinawa Institute of Science and Technology, and a senior editor of the journal eLife. VijayRaghavan was the secretary of Department of Biotechnology (DBT), India, from January 2013 to February 2018.

In 1997, he was elected fellow of the Indian Academy of Sciences.

In 1998, Bhatnagar Prize for Science and Technology award.

In 1999, he became an honorary faculty member of the Jawaharlal Nehru Centre for Advanced Scientific Research and became a fellow of the INSA

In 2003, he received the Distinguished Alumnus Award of IIT Kanpur.

In 2006, he was awarded the J.C. Bose Fellowship.

In 2010, he was elected fellow of TWAS, the Academy of Sciences.

In 2012, he received the H K Firodia Award "for his original contributions to the field of life sciences, particularly to developmental biology, genetics and neurogenetics." In the same year he became Fellow of Royal Society.

In 2013, he was conferred the Padma Shri by the President of India.

In 2018, a new species of gecko was named after him, Hemidactylus vijayraghavani.

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