



Institute of Actuaries of India

Statutory body established under an Act of Parliament

Unit No. F-206, 2nd Floor, F Wing, Tower II, Seawoods Grand Central,
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02 November 2021

9th Webinar on Health Care Insurance

The Institute of Actuaries of India (IAI) is pleased to announce the 9th Webinar hosted by the Advisory Group on Health Care Insurance.

Covid-19 has impacted the insurance sector in multiple ways and one of the key challenges in any pandemic is to model the infections, recoveries, and deaths due to pandemic. SUTRA, which stands for Susceptible, Undetected, Tested (positive), and Removed Approach, has several novel features for modeling pandemics and been tested on COVID-19

This webinar aims at deep-diving into SUTRA and understanding best practices and learning derived from the exercise of actively modeling and tracking COVID-19 in India.

The speaker, Professor Vidyasagar (IIT Hyderabad), co-authored the model along with Professor M Agrawal (IIT Kanpur), Lieutenant General M Kanitkar (Integrated Defense Staff)

Date:	November 20, 2021, Saturday
Time:	1600-1730 IST
Topic:	Deep Dive into SUTRA - A Mathematical Model for Pandemics
Presidential address:	Mr. Subhendu Bal, President, Institute of Actuaries of India
Introductory Address:	Mr. Vishwanath Mahendra, Chair, Advisory Group on Health Insurance
Speakers:	<p>Dr. M. Vidyasagar FRS, SERB-National Science Chair and Distinguished Professor</p> <p>Mathukumalli Vidyasagar was born in Guntur, India on September 29, 1947. He received the B.S., M.S. and Ph.D. degrees in electrical engineering from the University of Wisconsin in Madison, in 1965, 1967 and 1969 respectively. Between 1969 and 1989, he was a Professor of Electrical Engineering in the USA and Canada. In 1989 he returned to India as the Founding Director of the Centre for Artificial Intelligence and Robotics (CAIR) in Bangalore, under DRDO. In 2000 he moved to the Indian private sector as an Executive Vice President of Tata Consultancy Services, and created the Advanced Technology Center in Hyderabad. In 2009 he retired</p>



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	<p>from TCS and joined the University of Texas at Dallas. In January 2015 he received the Jawaharlal Nehru Science Fellowship and divided his time between UT Dallas and the Indian Institute of Technology Hyderabad. In January 2018 he stopped teaching at UT Dallas and now resides full-time in Hyderabad. Since March 2020, he is a SERB National Science Chair, one of nine in India.</p> <p>Vidyasagar has received a number of awards in recognition of his research contributions, including Fellowship in The Royal Society, the world's oldest scientific academy in continuous existence, the IEEE Control Systems (Technical Field) Award, the Rufus Oldenburger Medal of ASME, the John R. Ragazzini Education Award from AACC, and others. He is the author of thirteen books and 160 papers in peer-reviewed journals.</p> <p>During the period June to November 2020, he served as the Chairman of the COVID-19 India Supermodel Committee set up by DST. The SUTRA model was developed after this assignment was completed.</p>
Vote of Thanks:	Mr. Sumit Ramani, Secretary, Advisory Group on Health Insurance
Target Audience:	Fellows, Associates, Affiliates, Students across domain, CRO's, Consultants, Academicians, Targeted across the world

Registration fees excluding GST (INR)

IAI Students & Associates	IAI Affiliates & Fellows	Non Members
500	750	750

Registration link: <https://bit.ly/3EgRDsb>

CPD Credit: as per APS9 (Version 4): 1.5 hrs (Technical - Life, General and Health Insurance)

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