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31st Science, Technology, and Innovation Policy (STIP) Forum Lecture by

Prof. Ashutosh Sharma
Secretary, DST, GoI

on

“The Art of Science in the Brave New World”

Date & Time: 17 December, 2020 (Thursday) | 16:00 - 17:00 hrs.



CHAIRPERSON

Mr. R. Ramanan

Mission Director,

Atal Innovation Mission (AIM), GoI



KEYNOTE SPEAKER

Prof. Ashutosh Sharma

Secretary,

Department of Science and Technology, GoI

Organized by: Indo-French Centre for the Promotion of Advanced Research (IFCPAR/CEFIPRA), an autonomous organization funded by Department of Science & Technology, Government of India and Ministry for Europe & Foreign Affairs, Government of France



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Lecture**

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Keynote Speaker

Prof. Ashutosh Sharma
Secretary, DST, GoI

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Mr. R. Ramanan
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Programme

16:00 -16:05 hrs.	Welcome Remarks: Dr. Purnima Rupal, Director, CEFIPRA
16:05 - 16:15 hrs.	Chairperson's Address: Mr. R. Ramanan, Mission Director, Atal Innovation Mission (AIM), GoI
16:15-16:45 hrs.	Lecture on “ The Art of Science in the Brave New World ” by Prof. Ashutosh Sharma, Secretary, Department of Science & Technology, GoI
16:45-17:00 hrs.	Open Discussion
17:00 hrs.	Vote of Thanks

Join us at:

<https://risdc.webex.com/risdc/onstage/g.php?MTID=ea2ac63288f2fdf8afcabe01c6a97763b>

About the Keynote Speaker



Prof. Ashutosh Sharma is a Secretary to the Government of India since January 2015, heading the Department of Science and Technology (DST), where he helped initiate several new programs related to: infrastructure and human capacity building; innovation and startups; R&D in advanced manufacturing, waste processing, clean energy and cyber-physical systems; industry-academia cooperation; science communication; women scientists; and major international collaborations in the areas of priority for the nation.

Prof. Sharma received his PhD from the State University of New York at Buffalo (SUNYAB; 1988), his MS from the Pennsylvania State University (1984) and B.Tech. from IIT Kanpur (1982). He has been a professor (1997-), an Institute Chair Professor (2007-) and the Head (2003-05) of Chemical Engineering, and the founding Coordinator of Nanosciences Center and Advanced Imaging Center at the Indian Institute of Technology at Kanpur.

His research contributions are highly interdisciplinary, spanning a wide spectrum in nanotechnology; thin polymer films; nanocomposites and devices in energy, health and environment; functional interfaces; micro/nano-mechanics of soft matter; nano-patterning and nanofabrication; colloid and interfacial engineering; biomaterials & biosurfaces; wetting and adhesion. He has published over 350 peer reviewed papers, filed over 15 patents, given over 150 invited or key note conference presentations and mentored a successful nanotechnology startup.

He is a recipient of numerous honors and awards including the inaugural Infosys Prize in Engineering and Computer Science, TWAS Science Prize of the World Academy of Sciences, Bessel Research Award of the Humboldt Foundation, J. C. Bose Fellowship, S. S. Bhatnagar Prize, Homi J. Bhabha Award of UGC, The Syed Husain Zaheer Medal and the Meghnad Saha Medal of INSA, Distinguished Alumni Awards of IIT Kanpur and SUNY Buffalo, Firodia Award, the Life-time Achievement Award of the Indian Science Congress and several Doctor of Science honoris causa, including from SUNY Buffalo, and Jadavpur University.

He is an elected Fellow of The Indian National Science Academy, The Indian Academy of Sciences, The National Academy of Sciences, India and Indian National Academy of Engineering, The World Academy of Sciences (TWAS) and the Asia-Pacific Academy of Materials. He has also served on the Councils of the first two. He has been an associate editor of ACS Applied Materials and Interfaces, Proceedings of Indian National Science Academy and ASME Journal of Micro- and Nano-Manufacturing and has been on the editorial boards of several journals: Carbon; ACS Industrial and Engineering Chemistry Research; Current Science; Nanomaterials and Energy; Chemical Engineering Science; Journal of Colloid and Interface Science; Canadian Journal of Chemical Engineering and Indian Chemical Engineer.

His other interests are in ancient history and philosophy, poetry and art.

Scientific Details: <http://www.iitk.ac.in/che/as.htm/>

ABOUT STIP FORUM

The Science Technology and Innovation Policy (STIP) Forum has been set up with the objective of promoting debate on various aspects of Science, Technology and Innovation Policy. The Forum would go beyond the disciplinary boundaries by taking into account the inter-sectionality of Science, Technology and Innovation. It aims to will also bridge the gap between the science and society for dissemination of scientific achievements as well as for generalizing debate of societal aspirations and promoting responsible research and innovations. The monthly lecture series of public lectures has been launched to sensitize the public discourse on science, technology and innovation policy. Indo-French Centre for the Promotion of Advanced Research (CEFIPRA), Research and Information System for Developing Countries (RIS), The Energy Resources Institute (TERI), Vigyan Prasara and India Habitat Centre (IHC) are collaborative institutes.