



**The Indian Institute of Metals**  
**(Mumbai Chapter)**  
*(Incorporating Bombay Metallurgical Society)*

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**C V Sundaram Memorial Lecture**

**"Shape Memory Alloys: from microstructure to application"**

By

Dr. Madangopal Krishnan  
Director, Materials Group  
Bhabha Atomic Research Centre  
Mumbai 400085

**Webinar**

**Saturday; August 29, 2020; 17:00 h**

## Profile of Dr. Madangopal Krishnan



Dr. Madangopal Krishnan obtained his B. Tech in Metallurgical Engineering in the year 1983 and his Ph.D in 1995 from the Institute of Technology, BHU. He joined the Bhabha Atomic Research Centre in the year 1995.

He has been working in the field of phase transformations, electron microscopy and processing of materials. He is specialized in the area of martensitic transformations in shape memory alloys, processing of these alloys and the development of their engineering applications. Apart from metallic materials, Dr. Madangopal Krishnan has been also involved in the processing and development of ceramics and glasses for optical, biomedical and nuclear applications.

Dr. Madangopal Krishnan is recipient of several awards and accolades:

- Bhabha Award of Training School, BARC in 1985,
- Outstanding Research Investigation Award from DAE-SRC in 2005,
- Homi Bhabha Science & Technology Award of DAE in 2007,
- Best Metallurgist of the Year (Metal Science) of Ministry of Metals & Mines from the Indian Institute of Metals in the year 2008,
- Indian Society for Advancement of Materials and Processing Engineering (ISAMPE) Award in 2010,
- Path Breaking Research & Outstanding Technology Development Award from DRDO, Ministry of Defense in 2012,
- VASVIK Industrial Research Award in 2015,
- Distinguished Alumnus Award from Department of Metallurgical Engineering, BHU and INSA-JSPS Fellowship etc.

Currently, Dr. Madangopal Krishnan is Distinguished Scientist and Director, Materials Group at Bhabha Atomic Research Centre, Trombay.