



सत्यमेव जयते

**Ministry of Steel  
Government of India**

**FIFTY FIFTH  
NATIONAL METALLURGISTS' DAY AWARDS  
2017**

**METALLURGIST OF THE YEAR AWARD**

This is to certify that

**Dr. Ram Niwas Singh**

Scientific Officer 'H+' & Head, Mechanics of Materials Section, Mechanical Metallurgy Division, Bhabha Atomic Research Centre, (BARC), Mumbai has been awarded the 2017 Metallurgist of the Year award in Metal Science Category.

The Award is conferred on Dr. Singh for his significant contribution to the Metal Science Research, involving development of Zr-2.5Nb Alloy pressure tubes for PHWR700; Hydride embrittlement of Zr-2.5Nb Alloy pressure tubes, significant study on the influence of radial hydride on fracture toughness of Zr-2.5 Nb Alloy Pressure tubes and dependence of fracture toughness of hydride Zr-Alloy on direction of approach of temperature.

*B. B. Bhat*

**President**  
The Indian Institute of Metals

*Ram Niwas Singh*  
**Minister of Steel**

14<sup>th</sup> November, 2017  
New Delhi, India