



# 29th Prof Brahm Prakash Memorial Materials Event (BPMME 2021)



**Organized by**



**The Indian Institute of Metals, Kalpakkam Chapter  
Indira Gandhi Centre for Atomic Research  
Kalpakkam**



**30 October 2021 (Saturday)**

**Through Webex Platform\***

## Program Schedule

- 09:45 Hrs: Online joining of participants**
- 10:00 Hrs: Welcome address by  
Dr. M. Vasudevan, Chairman IIM Kalpakkam**
- 10:05 Hrs: Opening remarks by Dr. S. Raju  
Outstanding Scientist & Director, Metallurgy and Materials Group  
& Materials Science Group, IGCAR  
Chairman BPMME-2021**
- 10:10 Hrs: Presidential address by Dr. B. Venkatraman  
Distinguished Scientist & Director,  
Indira Gandhi Centre for Atomic Research, Kalpakkam**
- 10:20 Hrs: About BPMME 2021 by  
Dr. V. Karthik, Vice-Chairman IIM Kalpakkam**
- 10:25 Hrs: Introduction of BPMME 2021 Speaker by  
Dr. G.V. Prasad Reddy, Secretary IIM Kalpakkam Chapter**
- 10:30 Hrs: Prof. Brahm Prakash Memorial Materials Lecture 2021 on  
**Materials: A Passion!**  
Dr. Amol A. Gokhale  
Professor, Mechanical Engineering  
Indian Institute of Technology Bombay, Mumbai  
Immediate Past President, Indian Institute of Metals**
- 11:30 Hrs: About Essay and Elocution Contest: Jury–Elocution Contest**
- 11:40 Hrs: Elocution Contest (Among 8 Short listed Candidates)**
- 13:00 Hrs: Announcement of award winners and Prize distribution**
- 13:10 Hrs: Vote of Thanks: Shri. P. Vasantharaja, Co-Convener BPMME-2021**

\*Meeting ID: **25164991969**

Password: **BPMME2021**

\*URL: <https://iimkalpakkam.webex.com/iimkalpakkam/onstage/g.php?MTID=e6e749331c2e4679eab29b889aa7c907a>

# IIM Kalpakkam

## 29th Prof Brahm Prakash Memorial Materials Event (BPMME 2021)

### Prof Brahm Prakash Memorial Materials Lecture 2021

## **MATERIALS: A PASSION !**

### **Dr. Amol A. Gokhale**

**Professor, Dept. of Mechanical Engineering  
Indian Institute of Technology Bombay, Mumbai  
Immediate Past President  
Indian Institute of Metals**



#### **About the speaker**

**Amol A Gokhale** did his B Tech from the Indian Institute of Technology Bombay, M S & Ph D from the University of Pittsburgh, USA and worked for the Defence Metallurgical Research Laboratory of DRDO in Hyderabad, retiring as its Director in 2015. He then joined IIT Bombay as a full time Professor in the Mechanical Engineering Department. Prof Gokhale's research contributions are in light and high temperature materials including aluminium alloys, magnesium alloys, metal foams, and niobium alloys. He also established additive manufacturing facilities at DMRL and launched a program on "Materials for Hypersonic Materials". At IITB, he is pursuing research in shock mitigating designs and materials, niobium alloys and high strength steels. He is the Convener of 'Manufacturing and Materials' vertical to establish World Class Research Laboratories under IITB's Institution of Eminence. He teaches courses on Aerospace Materials, Structural Materials and Cellular Materials. He has published over 85 journal papers, 40 peer reviewed DMRL technical reports and edited books on 'Aluminium Lithium Alloys' and 'Light Weighting for Defence, Aerospace and Transportation' published by Elsevier and Springer, respectively.

He is the Chairman of the Aeronautical Research and Development Board's Steering Committee and Chairman of the Apex committee on ARDB's program on Gas Turbine Materials and Processes. He is a fellow of the Indian National Academy of Engineering and was the President of the Indian Institute of Metals.