

Carbon Nanotubes

Prof. Ragini C. Patil

Namdeorao Poreddiwar College of Engineering and Technology GADCHIROLI (442605)
Chandrapur, India

Email: jk_ragini@rediffmail.com, binnipatil@gmail.com

Abstract

Since the discovery of carbon nanotubes in 1991 by Sumio Iijima, carbon nanotubes are becoming rapidly prominent in research and innovative new technologies. This paper explores the fundamentals behind the unique structure of carbon nanotubes and the concepts in synthesizing them. Furthermore, this report provides a brief overview of their properties and various applications