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Recent studies on synthesis of carbon nanotubes by catalytic chemical vapour deposition method

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The catalytic chemical vapour deposition (CCVD) method is a popular technique among the scientists, engineers and academicians for the synthesis of carbon nanotubes (CNTs) and the number of related publications continues to grow year by year. In this talk the following research will be deliberated upon, Latest developments with regard to the CCVD synthesis of carbon nanotubes, Recent

understandings with regard to preferential growth of CNTs, Techniques for mass production and quality improvement of CNTs, Preparation of bi-metallic and tri-metallic catalysts, Synthesis of CNTs on bimetallic and tri-metallic catalysts using CVD techniques, Future perspectives with regard to CVD synthesis of CNTs.

Biography

Khurshed A Shah obtained his M. Sc, M. Phil degrees from University of Kashmir and Ph. D. from Jamia Millia Islamia (Central University), New Delhi, India in Physics. Presently he works as senior Assistant Professor at Sri Pratap College, Cluster University, Srinagar, India. He was awarded from time to time by many agencies which includes J&K state innovative science teacher award 2013, Jawaharlal Nehru Memorial fellowship for doctoral studies and stood first among the awardees at National level, Department of Science and Technology, Young Scientist Fellowship-2010 etc. Till date he has handled three R&D projects as Principal Investigator funded by Department of Science and Technology, Govt. of India. Published many research papers in referred journals besides co-authored three books 1) Nanotechnology: the science of small, M/S John Wiley and Sons/ Wiley India 2) Physics through modern experiments, M/S Kapoor and Sons Srinagar, India 3) Electricity and Magnetism, M/S Mamta Publications Pvt. Ltd, Srinagar, India.

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