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Education and experience
- PhD on 1993 from IIT, Madras
- AvH fellow (95-97) and PDF at Univ. California (97-2000)
- Scientist at NCL from 3/2000 onwards
- Surface science, heterogeneous catalysis and new materials synthesis

Achievements
- Designed and fabricated molecular beam instrument for surface reaction kinetics
- Setting up Surface Science Center at NCL

Research subjects:
- Heterogeneous Catalysis
- Materials Science

Research Areas
- Photocatalysis
- Surface Science
- Spectroscopy

Recent publications
- K. Roy, C.P. Vinod, C. S. Gopinath, Design and Performance Aspects of a Custom Built Ambient Pressure Photoelectron Spectrometer Towards Bridging the Pressure Gap, Journal of Physical Chemistry C**117**, (2013) 4717.
- E. S. Gnanakumar, R.R.Gowda, S. Kunjir, T. G. Ajithkumar, P. R. Rajamohanan, D. Chakraborty, C. S. Gopinath, $MgCl_2.6CH_3OH$: A Simple Molecular adduct and its influence as Porous Support for Olefin Polymerization, ACS Catalysis, **40**, (2013) 10936.
- S. Kumarsrinivasan, A. Verma, C. S. Gopinath, Molecular oxygen assisted oxidative dehydrogenation of ethyl benzene to styrene with nanocrystalline $Ti_{1-x}V_xO_2$, Green Chem.**14**, (2012) 461.
- B. Naik, K.M. Parida, and C.S. Gopinath, Facile synthesis of N- and S-incorporated nanocrystalline TiO_2 and direct solar light driven photocatalytic activity, J. Phys. Chem. C **114** (2010) 19473.
- S. Nagarajan, K. Thirunavukkarasu, C. S. Gopinath, A Revisit to Carbon Monoxide Oxidation on Pd(111) Surfaces, J. Phys. Chem. C **113**, (2009) 7385.