



Education

B.Tech & M.Tech., 2011, Chemical Engineering
Indian Institute of Technology Madras (IIT)
Chennai, India

Ph.D., 2013- present, Materials Engineering
University of South Australia, Adelaide
South Australia, Australia

Biography

Kripal was born and raised in Jamshedpur, India. From his childhood days, he showed keen interest in science and mathematics and eventually decided to pursue a career in engineering. He graduated with B.Tech and M.Tech degrees (under dual degree) from the prestigious Indian Institute of Technology. During his stay at IIT, he developed a strong penchant for research as a result of his close connection with his mentor Prof. B. Viswanathan. After graduation, he worked as a process engineer at a Vinyl chloride facility, however, he soon quit his well-paid job and signed up for a PhD degree in Prof. Vinu's research group. His long term goal is to serve in academia and at the same time try to bridge the connection between industry and academic research. His current research interest lies in developing carbon nitride nanostructures for CO₂ capture and conversion. He is also interested in developing porous carbon materials from cheap biomass and use them as adsorbents for CO₂ capture. Outside work, Kripal enjoys going on a long drive and is a keen motoring enthusiast.

Kripal maintains a personal website www.kripallakhi.com where a list of his publications and an updated CV can be found.