

VINOD KUMAR B

The knowledge acquired in schools and colleges, I believe is not education, but the means to it. It is this belief that makes me 'a student to the end of my days': the obvious direction being curiosity towards exploration.

Mechanical engineering for undergraduate studies was a direct consequence of my convictions. I had an opportunity to present a seminar on, "Effect of cryogenic treatment on the properties of steel". This seminar created a wave of curiosity in me about materials.

To satiate my curiosity in materials and aeronautics I decided to pursue a master's program in Aeronautical Engineering. During my master's program, I was introduced to the most rapidly developing aircraft material called fiber-reinforced composites (FRP). My graduate final year project was titled "Life Prediction of Composite pipes using Acoustic Emission Technique". This work experience on composites made me crave for more.

I decided to join the teaching profession (8 years experience) so that I could carry out more research on composites. I have good experience in the fabrication of aircraft composite structures using VARTM and RFI techniques. I have also worked on the development of Nano piezo fibers using electrospinning for structural health monitoring of advanced aero-structures.

As a teacher, I have worked with the student's team in designing and developing different smart composites. I have also worked with my colleagues to get NBA accreditation for our organization. I am always an active member of a team with the ability to speak 4 languages proficiently.