

Research Projects

Completed projects

P.I. of two research projects

Development of Low-Cost Light-Weight Composites for fabrication of Automotive Engine Components

Development of Nanomaterials for Hard Cutting Tool Applications.

Projects under preparation

Development of Aluminum Based Nanocomposites through Powder Metallurgy and Novel Sintering Technologies for structural and tribological Applications.

Development of High Performance CNTs and SiC Reinforced Metal Matrix Nanocomposites for Pistons Applications

Development of high performance advanced WC-based hardmetal nanocomposites for drilling/cutting applications

Advanced bio-inert ceramic filter materials with graded macro/micro/nanoporous structure manufactured using microwave and laser sintering processes