



Arup Khaund

Technical Consultant

Ceramics, Powders, Abrasives, Metals

Professional Expertise

Driving Profitable growth through Innovation leadership in broad materials technologies; identifying difficult customer problems and co developing customized solutions

Experience

R&D DIRECTOR, EMERGING TECHNOLOGIES, SAINT-GOBAIN INC – 2011-2016

Managed R&D innovation and industrialization projects to build differentiated technology platforms for High Performance Materials sector. Recruited technical talents and built productive multi national team to support business growth through conversion of embryonic innovative ideas into emerging business; Fixed Diamond wire for wafering hard materials, (\$50M), Paradigm Super Abrasive for high speed grinding (\$30M)

R&D DIRECTOR WORLD WIDE, SAINT-GOBAIN ABRASIVES – 2004-2011

Lead a group of 100+ Engineers, Scientists and Technicians world wide to improve new product portfolio in Different Abrasive Business Units; new product sales improved from <5% to >25% of total sales (\$1B) for the division; New products included precision grinding and surface preparation products for aero space , automobile and Industrial markets using ceramic and fused grains (Alumina, Alumina- Zirconia, Diamond, CBN)

TECHNICAL MANAGER, SAINT-GOBAIN ADVANCED MATERIAL - 1991-2004

Developed New Products and Processes to maintain market leadership in diversified ceramic powders (Micron Alumina, Alumina-Zirconia, Cerium oxide, SiC) for Abrasive Grain, Polishing and lapping, surface coating & composite applications. Sales from New Product portfolio >\$200M

SENIOR RESEARCH ENGINEER/GROUP LEADER, NORTON COMPANY- 1979-1991

Lead small groups in rapid development of commercial successful new & improved products- Ceramic Propping agents("Proppants") for Oil & Gas Hydraulic Fracturing, Sol-Gel Processed Alumina based abrasive grains & powders. Obtained 6 patents; Total sales realized from these patents>\$1B

Education

McMaster University, Canada- Master of Engineering (Metallurgy/ Materials Science),1979
University of Saskatchewan, Canada- Master of Science (Physics),1974

Skills - Skilled in turning embryonic innovative ideas into profitable products