



Synthesis & Characterisation of Ferroelectric Ceramics

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Lead Zirconate Titanate (PZT) and lead Lanthanum Zirconate Titanate (PLZT) have been prepared by following dry route method. XRD of the material gives the structure of ceramics its dielectric constant was measured. The recent developments in the field of ferroelectric ceramics such as medical ultrasonic composites, high displacement piezoelectric actuators, photostrictors and integrated circuits have served to keep the industry young amidst its growing maturity.

Key words : PZT, PLZT, XRD.
