

**Name:** Samiran Pramanik

**Qualification:** M.Sc.

**Specialization:** Condensed matter Physics

**Research area:** X-ray Crystallography

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**List of publications:** 3

- 1) Phase composition and morphological analysis of human gallstones using IR spectroscopy, scanning electron microscopy and X-ray Rietveld analysis; Z. Kristallogr. 2016;231(2);97-105
- 2) Biomineralization in human pancreas: A combined infrared- spectroscopy, Scanning electron microscopy, X-ray Rietveld analysis, and thermogravimetric study; J. Mater. Res; 2016;31(3);328.
- 3) Compositional and architectural variation in urinary calculi from nucleus to periphery: an integrated IR spectroscopy, scanning electron microscopy and powder X-ray diffraction approach. J.Appl. Cryst; 2015;48

**Awards and Scholars won:**

- a) UGC BSR fellowship
- b) DST SERB

**Institutional Membership:** INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

**Conference attended:**

- a) National seminar on crystallography (NSC) 43B (2014)
- b) National seminar on crystallography (NSC) 43B (2015)
- c) Asian crystallography (ASCA 2015)