

Dinabandhu Mahavidyalaya, Bongaon

Teacher's Profile

Name: Dr. Samiran Pramanik

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Email Id: samiranpramanik90@gmail.com

Designation: Assistant professor

Department: Department of Physics

Specialization: Crystallography

Educational Qualifications: Ph.D

Academic career:

Date of Joining: 05.05.2017

Teaching Experience: 6 years

Subject/course taught: physics

Research Interests: Crystallography

Project Undertaken: N.A

Awards and Scholarships: 1) UGC BSR fellowship
2) Fellowship SERB project

Membership: 1) Cultivation of Science library membership
2) Member of National council of Bengal Education

List of Publications (Journals and Books):

- 1) Five benzoic acid derivatives: Crystallographic study using X-ray powder diffraction, electronic structure and molecular electrostatic potential calculation, Journal of Molecular Structure 1175(2019) 185-194
- 2) Structure analysis of a phenylpyrazole carboxylic acid derivative crystallizing with three molecules in the asymmetric unit ($Z' = 3$) using X-ray powder diffraction, Powder Diffraction 2019.
- 3) Structural elucidation of phenoxybenzaldehyde derivatives from laboratory powder X-ray diffraction: A combined experimental and theoretical quantum mechanical study, journal of molecular structure 1268(2022) 133697
- 4) Phase composition and morphological analysis of human gallstones using IR spectroscopy, scanning electron microscopy and X-ray Rietveld analysis, Z. Kiristallogr. 231(2016) 97-105

Conference Presentations: