

Dr.Sadhan Pramanik

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HOD

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Education

Doctor of Philosophy (Ph.D.) – 2008
National Eligibility Test (NET) – 2000, 2001
Bachelor of Education (B.Ed.) – 2001
Graduate Aptitude Test in Engineering (GATE) – 1999
Master of Science (M.Sc.) – 1998
Bachelor of Science (B.Sc.) – 1996
Higher Secondary Examination (H.S) – 1992
Madhyamik Examination (M.P) – 1990

Publications

S. Pramanik, "Synthesis of Some Fluorescent Probe Ion Sensing Quantum Dot Nanoparticles and Study of Biological Activities," UGC Minor Research Project, Hooghly Women's College, 2014.

S. Pramanik, "Solid Phase Extraction Functionalized with N,S Donor Centres: Synthesis, Characterisation, and Analytical Application," Final Report of UGC Minor Research Project (XI Plan), UGC Ref. No.: F. PSW – 025/09-10 (ERO), Hooghly Women's College, 2009.

S. Dhar, B. Sen, S. K. Mukhopadhyay, et al. "CdS Quantum Dots Embedded in PVP: Inorganic Phosphate Ion Sensing and Antimicrobial Activity," *Spectrochimica Acta Part A*, 234, 2020.

S. Dhar, S. Pramanik, P. Yadav, et al. "Green Synthesized Silver NPs: Fluorescence Sensor for Cl⁻ Ions and Cell Viability Study," *SN Applied Sciences*, 2, 2020.

S. Pramanik, et al. "Size Dependent Ion Exchange Property of Nanosilica in Radiochemical Separation," *Applied Radiation and Isotopes*, 146, 2019.

R. Chakraborty, S. Pramanik, P. Chattopadhyay, "Recent Advances in Radioanalytical Separation by Nanomaterials: A Review," *Journal of Chemistry and Chemical Sciences*, 8, 2018.

S. Pramanik, et al. "Development of Hydrogen Sulphate Targeting Fluorescent Chemosensor," *International Journal of Current Advanced Research*, 7, 2018.

S. Pramanik, R. Chakraborty, "Electrochemical Interaction between Bovine Serum Albumin and Ti-O Based Nanotubes," *International Journal of Biosensors & Bioelectronics*, 2, 2017.

S. Pramanik, et al. "New Chelating Resin for Trace Metal Determination," *International Journal of Pure and Applied Chemistry*, 8, 2013.

S. Pramanik, et al. "Chelating Polymer for Lead and Iron Determination," *Indian Journal of Chemistry*, 48A, 2009.

S. Pramanik, et al. "Chelating Resin for Chromium Speciation in Wastewater," *Anal. Chim. Acta*, 584, 2007.

S. Pramanik, et al. "Determination of Mercury in Wastewater Using ^{203}Hg Radiotracer," *J. Radioanal. Nucl. Chem.*, 274, 2007.

S. Pramanik, et al. "Metal Ion Separation on New Chelating Resins," *Anal. Chim. Acta*, 556, 2006.

P.K. Dhara, S. Pramanik, et al. "Iron (II) Complexes of Pyridylthio Azophenyl Ligands," *J. Coord. Chem.*, 58, 2005.

S. Pramanik, P.K. Dhara, P. Chattopadhyay, "Chelating Resin with Bis(2-Benzimidazolyl Methyl)amine for Analytical Applications," *Talanta*, 63, 2004.

P.K. Dhara, S. Pramanik, et al. "Copper (II) Complexes of NSNO Pyridylthio Azophenyl Ligands," *Polyhedron*, 23, 2004.

Employment

Associate Professor in Hooghly Women's College (A Govt. Approved General Degree College affiliated to The University of Burdwan), Hooghly, West Bengal since September 2006 under Department of Chemistry.
