

Dr. Ashis Kr. Mukherjee



Designation: Associate Professor & Head

Qualifications: M.Sc., Ph.D.

Brief Introduction: joined as Assistant Prof. of Chemistry in Darjeeling Govt. College, later on served Hooghly Mohsin College, Haldia Govt. College. next served as Deputy Regional Education Officer (Burdwan Division) and as Joint Director of Public Instructor, Higher Education Directorate, Govt. Of West Bengal.

Current Teaching:

UG teaching in the field of Inorganic Chemistry.

Research Interests:

Research interest in Exchange Phenomena, Membrane Transport & Non-Equilibrium Thermodynamics

Selected Publications:

1. "Cation exchange behavior of hydrated ferric oxide", A. K. Mukherjee, J. Indian Chem. Soc., LX, 659 (1983).
2. "Studies on the Lanthanum arsenate ion-exchanger: Preparation, Physicochemical properties and Applications", A. K. Mukherjee and S. K. Mandal, Talanta, 31(3), 195 (1984).
3. "Heats of transport of some aqueous nonelectrolyte", A. K. Mukherjee and S. K. Sanyal, Can. J. Chem. 64, 717 (1986)
4. "Thermal diffusion of aqueous alcohols", A. K. Mukherjee and S. K. Sanyal, Can. J. Chem. 67, 867 (1989)
5. Heat of transport and heat capacity of transport of some aqueous electrolytes, S. K. Sanyal and A. K. Mukherjee, Can. J. Chem. 66, 435 (1988)
6. "Thermoosmosis of solutions of strong electrolytes across cellulosic membranes.", S. K. Sanyal and A. K. Mukherjee, Indian Journal of Chemistry, 25A, 269 (1986).
7. "Transport of water across cellulose triacetate membrane under a temperature gradient", S. K. Sanyal and A. K. Mukherjee, Indian Journal of Chemistry, 24A, 338 (1985).
8. "Thermodialysis and radiation pressure theory", S. K. Sanyal, A. K. Mukherjee and M. Adhikari, Science and culture, 49, 234 (1983)
9. "Thermoosmosis across cellulose acetate and cellulose nitrate membrane", A. K. Mukherjee and S. K. Sanyal, J. Indian Chem. Soc., LX, 1131 (1983)
10. "Thermoosmosis of a solutions: A phenomenological approach.", A. K. Mukherjee and S. K. Sanyal, Indian Journal of Chemistry, 25A, 269 (1986).

Professional Memberships and Activities:

Life Member of Indian Chemical Society