

RESUME



Dr. MANABENDRA SAHU

Principal

Vivekananda Mission Mahavidyalaya,
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EDUCATIONAL QUALIFICATIONS

NAME OF THE EXAMINATION	BOARD/ UNIVERSITY
Madhyamik	W. B. B. S. E
H.S (10+2)	W. B. C. H. S. E
B.Sc (Hons)	University of Calcutta
M.Sc	University of Calcutta
Ph.D	Jadavpur University

AWARDS

Qualified in the National Eligibility Test (NET) an all India Examination Required to pursue Ph.D programme.

Title of the Ph.D Thesis: SYNTHETIC AND FLASH PHOTOLYTIC STUDIES ON AZOBENZENE DERIVATIVES

Fellowship Awarded: Junior and senior Research Fellowship from C.S.I.R., New Delhi, government of India.

SYMPOSIUM/ WORKSHOP

Photochemistry, Laser Chemistry and photobiology, fundamental and applications, University of Madras and CLRI, which was held on Jan, 7-9, 91 participated and presented a poster entitled "Spectrophotometric and flash photolytic studies of 2-Carboxy-2'-hydroxyl-4'-methyl azobenzene".

MEMBERSHIP OF LEARNED SOCIETIES: Indian Association for the cultivation of science, Jadavpur, Calcutta-32 (INDIA)

RESEARCH EXPERIENCES

Research scholar, Department of Chemistry, Jadavpur University, Calcutta- 32, Under supervisions of Dr. M. B. Saha and Dr. S. C. Bera, Swpt. 89- June 95

AREA OF INTEREST

Preparation and development of different inorganic, organic materials as well as polymer, ink, paints, resin etc.

Analysis and characterization of different intermediates during the reactions and development of those processes.

LIST OF PUBLICATIONS

- 1) Axo-hydrazo tautomerisation and cis-trans isomerisation of 2- Carboxy- 2-hydroxyl- 4- methy azobenzene. M. Sahu, M.B Saha and S.C. Bera, Journ. Of photochemistry and photobiology A:, England, 89 (1995) 19-24.
- 2) Spectrophotometric and flash photolytic studies of 2- Carboxy-2' hydroxyl- 4' methyi azobenzene. M. Sahu, M.B. Saha and S.C. Bera, Seminar on photochemistry, Laser Chemistry and photobiology, Unive. Of Madras and CLRI madras Jan 7-9, 1991.
- 3) Flash Photolysis and conformational Studies of 2- Carboxy-2 -hydroxy- 4'- methyi azobenzene, Sahu M. Saha M.B. Bera S.C. Rohatgi- Mukherjee K.K. Seminar on International Photobiology Society, Kyoto. Japan, Sept. 7-12,1992.
- 4) Conformational Relaxation of the laser excited azobenzene derivatives, M. Sahu, M. B. Saha and S.C.Bera, Proceeding of National Lasser Symposium, C.A.T. Indore, Jan, 29 - Feb 1, 1994.