



Environmental Issues

A Multidisciplinary Approach

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Environmental Issues : **A Multidisciplinary Approach**

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Risk of Childhood Cancer Due to Exposure of Environmental Pollution in Pregnancy

Dr. Arpita Chatterjee*

Introduction

Cancer risks are epidemic peak worldwide of which non-hodgkin's lymphoma (NHL), acute myelocytic leukaemia (AML), acute lymphoblastic leukaemia (ALL) are prevalent in children of age group below 10 years. Among different types of child carcinomas, ALL was alarmingly high, followed by AML and NHL in the population of West Bengal (Chatterjee, 2011). The aetiology of childhood leukaemia remains largely unknown. Less than 5% of the cases are associated with known causes as inherited, predisposing genetic syndromes, or prenatal and childhood exposure to therapeutic ionising radiation and chemotherapy (Kirkeleit et al., 2018). Suggested risk factors include environmental exposure to benzene, air pollution, gasoline and other petroleum-derived

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The book 'Environmental Issues: A Multidisciplinary Approach' in its tangible form is the result of exhaustive research on each of the topics, innovative ideas, and overwhelming response from the teaching fraternity from all over India. This book places a clear emphasis on research skills of teachers and also ensures that those skills are based on rigorous and current research. This book is also expected to help individuals to explore environmental issues, engage in problem solving, and take action to improve the environment as informed and responsible citizen.



Dr. Savita Mishra is Principal, Vidyasagar College of Education, Phansidewa, Darjeeling, West Bengal. She has impeccable records of seventeen years of teaching and research activities. She is dedicated, resourceful and goal-driven professional educator with a solid commitment to the academic growth and development of every pupil teacher. She has been motivating teachers and students to come up with innovative ideas for the progressive development of teaching-learning process. She is committed to professional ethics and standards of practices and keeps herself abreast with the latest developments in teacher education. She is continuously engaged in organizing National and International level conferences, webinars and workshops for dissemination of knowledge and expertise to the stakeholders of education. She has written more than seventy research articles in reputed National and International journals and authored 23 books. She has also developed a psychological tool for assessing Attitude towards Science.

She is the Vice-President of Council of Teacher Education (Eastern Zone), Scientist, IAEC, Member of Board of Studies and Visiting Professor of some of the Universities including Academic Staff Colleges. She has been conferred the title of 'Leading Educationists of the World' by IBC, Cambridge, London.



Dr. Nita Mitra (Chanda) is a teacher educator by profession, a researcher by practice, an organizer by commitment, a motherly counselor and guide for children by her simple approach and an author of several books and articles on historical, contemporary and futuristic issues by her dedication and honesty. In every sense her experiences are multidisciplinary. She is an Associate Professor in Geography of Siliguri B.Ed. College and working as a teacher educator for about twenty-two years and working as a teacher educator for about twenty two years. Dr. Mitra (Chanda) started her higher studies in Geography. She completed an M.A. in Geography (Gold Medalist) and Ph.D. in Geography. After that, her focus of study and research extended towards Education, Teacher Education and Psychology (with emphasis on the psychology of counseling for school children and young adults). She obtained some prestigious awards like Gold medal both in UG and PG, Jawaharlal Nehru Award, NCERT award in the All India Competition on Innovations in School Education, Bharat Jyoti Award etc. She has completed projects sponsored by the UGC, ICSSR and Sarva Shiksha Mission (through District Project Office, Siliguri) and has organized state level and national level seminar sponsored by DST, W.B. and the UGC. Beyond these formal academic activities, Dr. Mitra (Chanda) is attached with the Association for Liberal Learning and Research (ALLR) as the Vice-president and with Find_Mind (A psychological & counselling unit of ALLR).



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