

BRIEF BIODATA

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I have earned M.Phil/Ph.D degree (1995-2002) from School of Environmental Sciences (SES), JNU, New Delhi and specialized in industrial solid wastes management with resource recovery for sustainable development. I have worked as provisional RA in Research Lab WII-MoEF Dehradun and imparted technical knowhow to technical staffs, Research scholars and Wildlife officers. I have established Research laboratory for water, soil and plant chemical analysis at WII, Dehradun. I have obtained PG (1992-1994) in Botany from Ravenshaw College(Utkal) with specialization in Environmental Biology. After qualifying NET, JRF, SRF and brief period of post doctoral experiences I, joined (March 2003) as lecturer at Department Botany and promoted to Reader (20th January 2005) in the pay scale of Rs. 12000 -18300/- at the IEDS, BU, Jhansi. Under deputation I worked as HoD, Botany for three years. I have introduced M.Phil programme in BU campus Jhansi. I have also served as HoD, IEDS 3^{1/2} years. During my tenure as head, I have regularly organized workshop, national conference/seminar and celebrated World Environment day in our university campus. As head IEDS, I have collaborated with National Referral Centre for Lead Poisoning in India (NRCLPI), Bangalore for ‘Awareness campaign in central India for prevention of lead poisoning. Subsequently, IEDS under my leadership has been organizing awareness lectures on “prevention of lead poisoning” in central India.

Since last 13 years I have been teaching in specialized subjects’ i.e. Solid Wastes Management, Environmental Pollution & Control, Environmental biotechnology, Natural Resource Management, Ecology, Ecotoxicology, and Environmental Chemistry at UG and PG level in Environmental Sciences. I am also teaching Research Methodology in M.Phil Environmental Sciences. Till date 62 students completed M.Sc M.Phil M.Tech and Ph.D dissertations/theses

under my guidance and published/presented 32 research papers in peer reviewed International/National Journals and Conference proceedings. I have authored one book which has been published by an International publisher.

I have total 21 years of refined research experiences in major thrusting areas: **vermicomversion** of wastes into resources; **Phytoremediation** of waste and wastewater; **Constructed wetlands** (CWs) for treatment of wastewater; Sustainable management of **solid wastes**; domestic wastewater for production of **algal biomass, biofuel and bioproducts**; **Bioremediation** of contaminated environment; Sustainable management of **fly ash**. As PI, recently two major research projects are submitted to DST for financial assistances. I have examined many M.Phil and Ph.D dissertation/theses from different Universities of India. Since last ten years, I have been appointed as External Examiner and Question Setter of many universities in India. I have completed Refresher courses conducted by SES, JNU New Delhi. Presently, I am member of different Academic Professional organizations including member of BoS/Editorial Board. I have reviewed research papers submitted to journals of Elsevier, Indian National and other reputed International publishers. I have extensively **travelled in USA** and attended international conferences.