



Prof. K. C. Sahu

BIODATA

Krishna Chandra Sahu

Born in Barpali, Dist. Sambalpur, Orissa, in 1934.

Educational Career:

- Graduation in Geology & Geophysics, and Master of Technology (M.Tech.) in Applied Geology from IIT-Kharagpur-(1954-60)
- Ph.D. from Univ. Of Shiffeld(UK)-(1964)
- Certificate Air Photo Interpretation, IIPE, Dehradun-(1977) .

Service Career:

Geologist , OMC Ltd., Bhubaneswar-(1957-64)

Scientist, RRL, Bhubaneswar (CSIR)-(1964-67)

Faculty, IIT-Bombay (Ast.Professor, Professor & Chairman) Earth Science Dept.(1967-94)

Advisor, Coal Ash Project of NTPC at IIT-Bombay.(1995)

Vice-President, NIMCO, Bombay.(1995-97)

Consultant to Ashapura Mine Chem ,(1997-2002) .

Specialization :

Earth Sciences (Geology and Geochemistry), focused on Pollution and Environmental studies with emphasis on Heavy Metal Pollution in Mining belt, Urban and Industrial zones and River Courses.

Projects and R&D Investigations undertaken:

Under Dept. Of Sc. &Tech., Govt. of India :

1. Micro Fluid Inclusion in Minerals and Crystals.(2 projects).
2. Environment of Early Earth through studies of BIF (with 5 Indian univs.& Inst.).
3. Mineral Investigation at Chandrapur Dist. Under CSRE, at IIT-Bombay.

Under Ministry Of Env. & Forest, Govt. of India:

Heavy Metal Pollution around the Island City of Mumbai.

Under Indo-Canadian grant, jointly with Univ.of Western Ontario :

Environmental Impact of Coal combustion in Thermal Power Plants of India.

Under NTPC grant:

New disposal site for Fly Ash at Korba, Chhatisgarh.

Under Montgomery Watson, Mumbai:

Environmental Impact of laying Ratnagiri – Surat pipe line

Honorary Membership and Association:

Visiting Professor, Maharashtra Inst. Of Sc. for Environmental Science.

Visiting Professor for Garware Inst. of Career Education,Mumbai, for Pollution Studies.

UGC and UPSC Expert Committees in Geology.

Advisor, UPSC for Indian Civil Services selection.

Advisor, Wadia Institute of Himalayan Geology.

Advisor, Center of Man & Env., Calcutta.

Executive Council Member to establish Ambedkar Tech.Univ, Maharashtra.

Member Fly Ash Mission of DST,
Advisor, CSRE and RSIC of IIT, Bombay.

Member of Learned Society:

Geol Soc. Of India,
Mineralogical Soc. Of India,
Geol., Min. & Met. Inst.. of India,
Aerosol Sc. & Technology,
Society of Clean Environment, Bombay,
Society of Geologists & Allied Technologist Bhubaneswar, **(Life Time Achievement Award-2014).**

Orissa Environment Society: Fellowship award ,2020)
Maharashtra Academy of Sciences,
Indian Geological Congress etc.

Conference/Ph.D/Publication:

Organised 8 seminars, National and International,
Guided 17 Ph.Ds, 7 M.Techs & 35 M.Sc. projects,
Publications: around 100.papers, 5 books (mostly on Environmental Geology).
