

DR. AJAI KUMAR PILLAI

ASSISTANT PROFESSOR ,DEPARTMENT OF CHEMISTRY (DST- FIST SPONSORED)

Govt. V.Y.T. Postgraduate Autonomous College,(College with Potential for Excellence) Durg 491 001 C.G.

Personal Information

- Birth date June 30, 1966
- Nationality: Indian
- Sex: Male
- Marital Status: Married
- Language known: Hindi and English.

Summary of Qualification

- Doctor of Philosophy (Chemistry)
- Topic – Physico-Chemical studies of pollutants in potable water within Durg Corporation limit.

Education

1983 M. P. Board of Examination,Bhopal (MP) India.

- H.S.S.C.: Phy. Chem. Bio. : First Division

1984-1988 Bhopal University,Bhopal (M.P) India.

- B. Sc. : Bot. Zoo. Chem. : First Division
- M. Sc. : Chemistry : First Division
- Specialization in Inorganic Chemistry.

1997-2000 Pt. Ravishankar Shukla University,Raipur (CG) India.

- Doctor of Philosophy (Ph.D.)
- The research work conducted is related to development of new methods for monitoring various pollutants and their applications to various environmental samples

Job profile

Chemist

- Two years experience as Chemist in M.P. Pollution Control Board.
- The nature of job included sampling and analysis of various Industrial and Environmental Samples.

Teaching

- Total teaching experience of twenty three years as Assistant Professor.

Research Experience

Total twelve years research experience in

- Monitoring and analysis of various pollutants in water.
- Analysis of biological samples
- Handling of sophisticated scientific instruments
- Recently started working in the area of **Drug design** and modeling

Training & Workshops

Completed following training and workshops successfully

- Attended workshop on **sensor instrumentation** organized by **DST**.
- Attended **Entrepreneurship Development Programme** organized by **CEDMAP**, Bhopal.

Fellowship

Summer Research Fellowship, Sponsored by **Indian Academy of Sciences**, Bangalore.

Publications

Fifty research papers in the field of environmental pollution and its applications have been published in Journals of National and International repute.

Attended several National and International Conferences.

No. of Books Written

Two

Projects Completed

1. "Feasibility Studies on the Development of Biosensors for Monitoring Pesticidal residues in Water bodies" sponsored by **DST**

2. "Impact of effluents on ground water regime" sponsored by **UGC**.

Ongoing Project

"Feasibility studies on the development of sensors for monitoring antibiotics in the environment" sponsored by **UGC**

Workshop Organized

Coordinator of a Workshop on "Foundations of Chemistry" organized in the college sponsored by **Science Academies**

Research Scholars awarded PhD

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Dr. Ajai Pillai