

## ISAG MEDAL WINNERS (2017)

Journal of Applied Geochemistry  
Vol. 20, No. 3 (2018), pp. 375



**Shri Kamlesh Kumar**

### **Prof. J.S.R. Krishna Rao - Dr. R. Dhana Raju Medal**

Shri Kamlesh Kumar joined Atomic Minerals Directorate for Exploration and Research (AMD) in 1986 after obtaining his B.Sc. and M.Sc. in Geology from Banaras Hindu University (BHU), Varanasi. He has submitted his Ph.D. Thesis on “Petromineralogical and Geochemical Characterization of Basement Granites and Cover Sediments of Burgibhata Area, Indravati Basin, Bastar District, Chhattisgarh with Special Reference to Uranium Mineralisation” to Department of Geology, RTM University, Nagpur. Presently, he is working as Incharge of North Delhi Fold Belt 2. He has guided investigations including Southern Rajasthan Investigations and North Delhi Fold Belt- 2 of AMD, Western Region.

He is having 31.5 years of experience in conceptualizing, planning and execution for exploration and research of atomic minerals. He has expertise in geological, radiometric and geochemical surveys, and geological modelling for uranium exploration. He has supervised exploration programs carried out along North Delhi Fold Belt, Siwana Ring Complex, and Marwar Supergroup in parts of Rajasthan to locate Uranium and Rare Earth Elements. He has been associated with exploration programs carried out in different geological domains including Surguja Crystalline Complex, Indravati Basin, Gondwana Supergroup and Infra-Trappeans in parts of Maharashtra, Madhya Pradesh and Chhattisgarh states. He was also involved in uranium exploration programs carried out in Shillong Basin in parts of Meghalaya and Assam states.

The exploration acumen of Shri Kamlesh Kumar is credited with exploring North Delhi Fold Belt and establishing sizable resources of uranium mineralisation in Jahaz area of Jhunjhunu and Sikar districts, Rajasthan. In Siwana Ring Complex he has contributed immensely in establishing resources of polymetallic REE-Nb-Zr-Nb-Th-U-Zn-Ag including substantial content of  $\Sigma$ HREE in Western Rajasthan. His dedicated work in Proterozoic Indravati Basin of Bastar district, Chhattisgarh has established uranium mineralisation in the basal part of Tirathgarh Formation along unconformity zone. His work has also established uranium mineralisation in different geological domains including Sonakhan Group, Surguja Crystallines, Shillong Basin, Jabalpur Formation and Infra-Trappeans,

Shri Kamlesh Kumar is a Fellow of Geological Society of India (Bengaluru), Indian Society of Applied Geochemists (Hyderabad), Indian Association of Sedimentologists (Aligarh), Gondwana Geological Society (Nagpur) and Mining Geologist Society of India (Nagpur). In order to support research and development activities in AMD, he has coordinated several AMD studentship programmes. He was also associated with several BRNS projects with different Universities. He has coordinated and organised several Hindi Vaigyanik Sangosthi and technical training programmes of AMD. He was an editor for SMARIKA, volume (28) published by AMD containing collection of twenty Hindi scientific papers.

He has an excellent aptitude for research work and has published / presented 51 research papers in referred journals and national/ international symposia. He has delivered several expert public awareness lectures about the Nuclear Power Programme of India.