

Dr. Anil K. Srivastava (Reservoir Geophysicist)

Education

- 1979 M.Sc Physics (Electronics) Allahabad University
 - 1986 Ph. D Allahabad University
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Key Competencies

More than 35 years experience in industry by working at various positions. Last assignment was as Head **Basin Research Group in KDMIPE Dehradun.**

- 1) Seismic Acquisition
- 2) Seismic Processing
- 3) Seismic Interpretation & Integrated G&G studies
- 4) Seismic QI
- 5) Asset evaluation and Field development
- 6) Regional G&G studies, Prospect generation, Resource Assessment Field economics
- 7) Deep water exploration
- 8) Gas Hydrate Exploration

Head of multidisciplinary teams (consisting geophysicists, geologists, petrophysicists and reservoir engineers), engaged in interpretation and evaluation of 2D/3D seismic and other geoscientific data pertaining to different category I, II and III basins of India and abroad for hydrocarbon exploration and development activities. Supervised resource re-assessment project including all 26 basins of India as Team Leader of central team during 2016-17.

Work History

Geocoin Global Pvt Limited **OCT 2019 – Till date**

Technical Head (Geophysics) Responsible for Business strategy and Technical Project assurance.

ONGCL

2016-2017: Head Basin Research Group, KDMIPE, Dehradun:

As a Head Basin Research Group supervised the R&D and other G&G projects being carried out in KDMIPE. As Chairman of R&D committee of KDMIPE formulated and finalized the projects for annual work program.

2013-2016: Exploration Management, A & AA Basin, Jorhat, Assam:

As a Block Manager looked after the exploration activities in the North Assam Shelf block of A & AA basin along with G & G activities.

1997-2013: Interpretation Group, GEOPIC, Dehradun:

3D seismic data interpretation of more than 25 blocks falling in Western Offshore basin, Cambay basin, Tapti -Daman sub basin, Cauvery basin, KG Offshore and KG deep water basins. Management of Virtual Reality Centre (VRC). Volume based interpretation and application of seismic attributes were made for prospect mapping and evaluation. Seismic reservoir characterization studies like AVO, seismic inversion, seis-facies mapping and multi-attribute transform analysis, were widely used during these studied. Oil and gas reserves were established in Cauvery, Krishna-Godavari, and Cambay basins.

1994-97: Western Offshore Basin, Mumbai:

- As a team member of Deep 'Water Exploration Group' formed in 1994 in ONGC, planning and monitoring of 2D seismic data acquisition in entire western offshore deep water areas.
- Team member of Panna and Mukta field development project (carbonate reservoir).
- 2D seismic data interpretation of Kerala-Konkan deep water block for prospect mapping.
- Member of 'Gas Hydrate' team formed in ONGC. Identified areas for gas hydrate prospects.

1990-94: Western Offshore Basin, Mumbai:

- Team member of Neelam Field development project (carbonate reservoir)
- 2D seismic data interpretation in Tapti-Daman and east of Bombay High areas. Identified several prospects. On drilling that resulted in discovery of new and enhancement of reserves in many fields.

1987-90: Cambay Basin, Baroda:

- 2D seismic data acquisition in Cambay Basin.
- Team member of "In-situ combustion pilot project" in Balol field, Cambay Basin.

1983-87: Cambay Basin, Baroda:

- 2D seismic data interpretation, evaluation of prospects and exploration planning . Team member working for discovery of Gandhar oil/ gas field in South Cambay Basin.

B. Other important assignments are as below:

Worked in ExxonMobil Development Company, Houston, USA in the year 2002 to interpret 3D seismic data for development of Odoptu Field under Sakhalin-I project. Also worked in Enron Oil and Gas Limited, Houston, U.S.A. during the year 1997 on deputation under joint venture projects with ONGC regarding development of South Tapti gas field of India. Besides these, I have been associated with interpretation of 2D data pertaining to Pavlodar sub-basin (southern part of West Siberian basin, Kazakhstan), Salsich block of North Gabon basin, Gabon, Cyprus Deep Water Basin and 2D/3D data of Block 5A, Muglad Basin, Sudan.

- C. Expertise in conventional as well as volume based 3D seismic data interpretation by using LANDMARK, GEOFRAME, Paradigm (Voxelgeo-XV, 3D Canvas, Stratimagic) and PETREL software packages. More than fifteen years experience in reservoir characterization using seismic attributes, stratigraphic inversion, AVO analysis and modeling and multiattribute transforms in Hampson-Russell software.
- D. Faculty for delivering interpretation courses in ONGC Academy to graduate trainees (GT's), ONGC executives and delegations from academia and industry.
- E. Served as member of technical committee at several times for "**Conferences on Petroleum Geophysics**" organized by SPG, India biennially.

Awards:

- Received several merit awards for rendering excellent services in ONGC.
 - Received "**Geophysicist of the year**" award conferred by Chairman-cum- Managing Director of ONGC for the year 2000.
 - Received C&MD's award for the **Best Professional paper** published/ presented during the year 2000 by ONGC employee.
 - **M.B.R. Rao Gold medal** for **Best Technical paper** in 29th **AEG Conference** held at Guwahati during Nov. 2-5, 2004
 - Received "**Best technical poster paper**" award in **PETROTECH-2005**.
 - Received Director (E) award for the **Best Professional paper** published/ presented during the year 2004 by ONGC employees.
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