

CV OF PROF (DR) A.K.PATHAK, DEPARTMENT OF PETROLEUM ENGINEERING

Name in Full: AKHILENDRA KUMAR.PATHAK
Father's Name: Shri Gauri Shankar Pathak
Date of Birth: July 27th, 1956
Nationality: Indian **Marital Status:** Married
Educational Qualifications: M.Sc. , M.Tech and Ph.D.

Teaching and Research Experience: 34 Years.

Area/ Subjects of Teaching in UG/PG Courses:

Drilling Technology/ Directional Drilling/ Offshore Oil and Gas Technology/ Production Engineering/ Petroleum Engg Design.

Area of Research:

Naturally Occurring Surface Active Compounds in Crude Oils/ Directional well, Horizontal Well and Slanted Well technology/ Colloidal and Interfacial behaviour of Crude oils and their fractions and Coal Bed Methane Production by CO₂ Sequestration.

Academic Recognition/ Contributions :

Visiting Faculty/ External Examiner of the theory and Practical subjects in different academic institutions/ Members of Board of Studies/ as Member of Faculty of Engineering in different academic institutions.

Responsibilities Handled time to time in ISM Dhanbad

- i. NCC Officer/ Warden/ Chief Hostel Warden of SM Dhanbad – for 15 years
- ii. Member of General Council/ Executive Board and Academic Council of Indian School of Mines Dhanbad for 15 years
- iii. Head, Department of Petroleum Engineering for 6 years
- iv. Head Center of Societal Mission IIT(ISM) – for 3 years
- v. President Sports and Physical Education Center – for 2 years
- vi. Associate Dean (Students Welfare) – 2 years.

National Level Responsibilities:

- i. Reviewer of Journal of Scientific Journals Internationals.
- ii. Technical member of Sub-Committee on POL Depot & Terminals appointed by Petroleum & Natural Gas Regulation Board, GOI from September 2007.
- iii. Member of “Sectoral Innovation Council for Petroleum and Natural Gas” constituted by Government of India.
- iv. Technical Member of Diamond Core and Water well Drilling Sectorial Committee MED 21, BIS, GOI, New Delhi

Consultancy and Research activities:

Training/ Consultancy Programs conducted: About 335 Lakh value of different organizations in Hydrocarbon sectors and academic Institutions.

R & D Projects (Completed and Ongoing): about 244 Lkhs

About 200 Lakhs projects form different funding agency:

Ph.D. Guided: - 07 Students

International and National Publications : - 83

International Journals:	45	National Journals:	10
International conference Proceedings:	15	National Conference Proceedings:	13