



Mrs. Binuta Patra

B.E. in Chemical Engineering, REC Rourkela (now NIT Rourkela), 1985 M.Tech in Environmental Science & Engineering, IGIT Sarang

She is an accomplished technologist and former **Group General Manager (R&D) at National Aluminium Company Limited (NALCO)**, with over **38 years of experience** in the aluminium industry. Her expertise spans **plant-scale R&D implementation, carbon technology, quality control, energy optimization, and process innovation**, with significant contributions to NALCO's Smelter Plant at Angul.

She has presented **26+ technical papers** at leading national and international forums, including **TMS (USA)** and **ICSOBA (multiple years)**. She is also the holder of **three patents** in aluminium-related technologies.

Her international exposure also includes technical training at **Tomago Aluminium (Australia)** and **R&D Carbon (Switzerland)**. She brings a rare blend of **research depth and practical industrial insight** to her work.

She is presently serving as a member of Research Advisory Committee of NALCO.