

Shri Sunil Kumar Sinha

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PROFESSIONAL EXPERIENCE

Shri Sunil Kumar Sinha graduated in Mechanical Engineering in the year 1988 from NIT, Patna (erstwhile Bihar College of Engineering, Patna). He joined Reactor Engineering Division, BARC after graduating from 32nd batch of BARC training school. He worked in the areas of Reactor Design, Core Component Design, Life Management of Core Components and Reactor Safety, renewable energy and innovative technology development.

He has published 60+ papers in the national, international conferences and international journals. He has co-authored chapters in books on Plant Life Management for Water cooled Nuclear Reactors and Generation-IV Reactors published by Woodhead Publishing. He has led two IAEA sponsored research projects and was part of Indian delegation to IAEA and Canada.

He is recipient of DAE Homi Bhabha Science & Technology Excellence Award (2015), DAE Group Achievement Award (2018) for leading a team for Root Cause Analysis of KAPS pressure tubes failure. He has also been awarded Group Achievement for excellent contribution by NPCIL in the year 2018.

He has contributed immensely in several areas of nuclear reactor design and safety review during his long career of 36 and half years in BARC. He superannuated from the post of outstanding scientist & Head, Reactor Engineering Division in January, 2025 after serving as Head for 7 years.