



Kolkata Connection with 2020 Physics Nobel Prize: The Role of A K Raychaudhuri

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The 2020 Nobel Prize in Physics honored groundbreaking work on black holes, but a lesser-known contributor to this discovery was Kolkata-born physicist A K Raychaudhuri. His 1955 paper laid the foundation for the Penrose-Hawking Singularity Theorems, reshaping our understanding of spacetime singularities. Raychaudhuri's equation demonstrated that singularities were a natural outcome of Einstein's gravity, a pivotal insight that influenced the Nobel-winning research. Despite his profound contributions, Raychaudhuri remains relatively unknown in India. His story connects Kolkata to one of our time's most significant scientific achievements.