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The barometer of scientific endeavour: A comparative analysis

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Abstract :

The quality of scientific output of a country is to a large degree intrinsically linked to global competitiveness. Concerted efforts have been made by scientists in various countries across the globe in a bid to elevate both the quality and quantity of scientific output in the face of pervasive resource constraints. Within the nexus of these concerted efforts, this article provides a comparative analysis of scientific output in terms of research publications and the number of Nobel Laureates in selected countries. Commensurate with developments in this regard, a concomitant reflection on some of the key underlying factors associated with the achievement level of scientific progress and development in various selected countries has been contemplated in accordance with the core thrust outlined. These factors have largely been considered as critical parameters that underpin the level of scientific progress and development in these selected countries.

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