ACADEMICIA
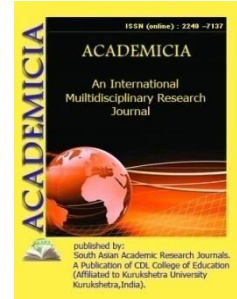**An International Multidisciplinary Research Journal**
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SHUR INEQUALITY AND ITS AMAZING APPLICATIONS

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ABSTRACT

The subject of inequalities is one of the important areas of mathematics. So far, there have been many confirmations and conclusions on inequalities. This article will cover one of the important types of inequalities Shur inequality. This inequality has many wide applications, taking an important place in mathematical olympiads. In the case when we enter the level rows, we get some important results and study their application in matters. At the same time, we cite the methods of solving the issues proposed in the prestigious international Olympiads in mathematics by applying the inequality of Shur.

KEYWORDS: *Shur Inequality, Level Rows, Gamma Function Of Eyler.*

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