**Author(S):** R. Venkata Rao

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**Institute:** School of Mechanical Engineering, Shri Mata Vaishno Devi University,

Kakrial Post, Near Panthal, Udhampur District, J&K -India.

## **Abstract**

In the present work, a methodology based on digraph and matrix methods is developed for evaluation of alternative flexible manufacturing systems. A 'flexible manufacturing system selection index' is proposed that evaluates and ranks flexible manufacturing systems for a given industrial application. The methodology is illustrated by an example.

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