

## PROSPECTS 5.0 Industry 5.0 Wiki

### Did You Know Series

<b>Date</b>	: 17.10.2024
<b>Task</b>	: Task 5.2
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## Mathematics is key to Industry 5.0's sustainable future

In the context of Industry 5.0, mathematics offers the fundamental foundations and tools required for data analysis, decision-making process, optimization, and guaranteeing the security of different interconnected systems. Therefore, a comprehensive overview of the role of mathematics is essential for a sustainable future towards Industry 5.0.

**Source:** K. Das, B. Saikia, and N. Bora, 'ROLE OF MATHEMATICS TO BUILD A SUSTAINABLE FUTURE FOR INDUSTRY 5.0', *JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES*, vol. 19, pp. 80–93, Aug. 2024.



# PROSPECTS<sup>5.0</sup>



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