

# **Semiconductor Facility in UP**

## Why in News?

Recently, it was announced that **Uttar Pradesh** is set to have its first <u>semiconductor manufacturing unit</u>, marking a significant development in India's tech sector and positioning the state as a critical player in the country's <u>digital transformation</u>.

## **Key Points**

### India-US Semiconductor Partnership:

- The announcement follows a Memorandum of Understanding (MoU) signed between India and the US to collaborate on chip manufacturing.
- The <u>India-US partnership</u> in semiconductor development will have a far-reaching impact on India's technological advancements.

## Importance for Digital Transformation:

- Semiconductors are critical for India's digital transformation goals and will become increasingly visible in daily life.
- This development is part of a broader initiative to leverage technology for India's progress, extending its benefits to rural and interior areas.

#### Cybersecurity Focus:

 The semiconductor industry is also seen as crucial for strengthening <u>cybersecurity</u>, given the shift in warfare from physical attacks to the **cyber realm**.

### Economic Impact:

- The establishment of this facility will contribute to <u>macroeconomic growth</u>, with India's economy being described as **resilient** and on a strong growth trajectory.
- The Indo-US bilateral ties are now mutually beneficial, contributing to India's ongoing economic development.



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Rs 76,000 crore

DLI Scheme

Drishti IAS