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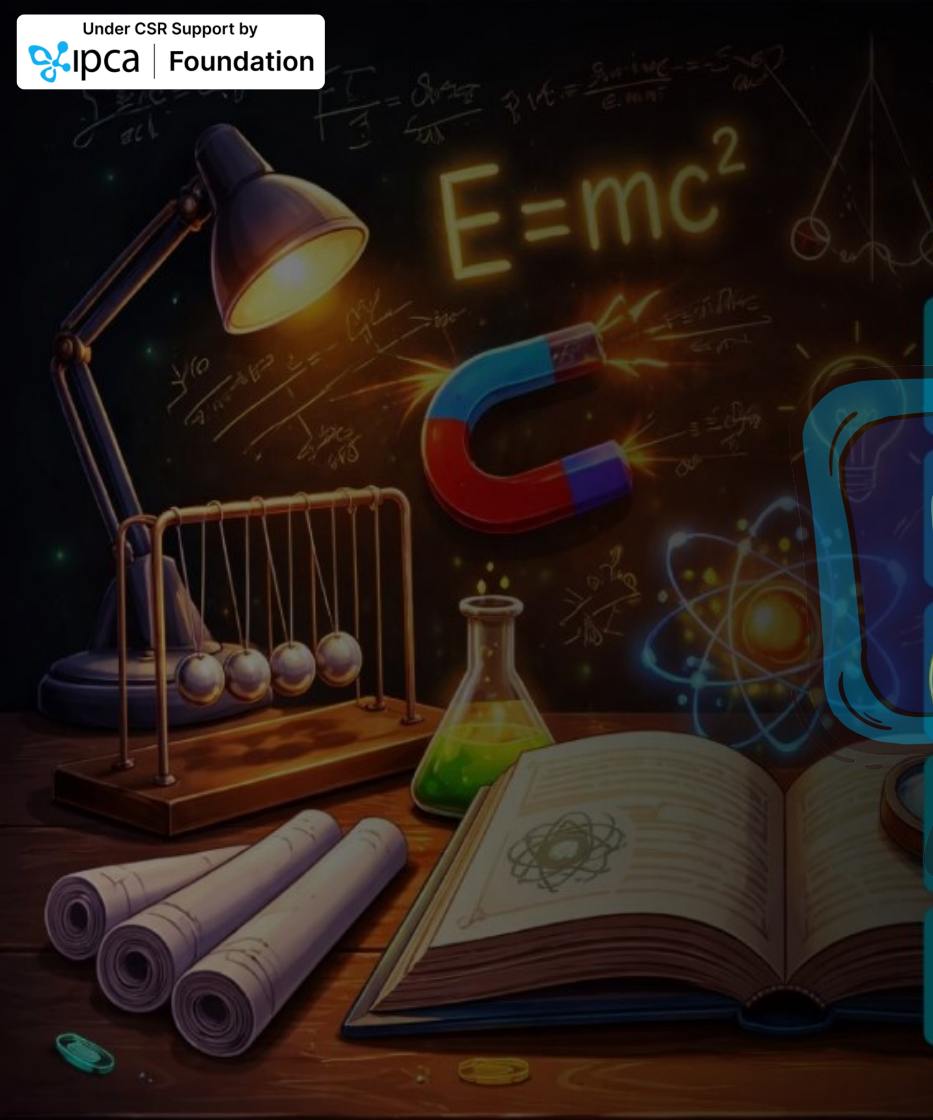

गणितीय भौतिकी की मूल अवधारणाएँ

1. बीजगणित
2. त्रिकोणमिति
3. अवकलन गणित
4. समाकलन गणित
5. सदिश कलन

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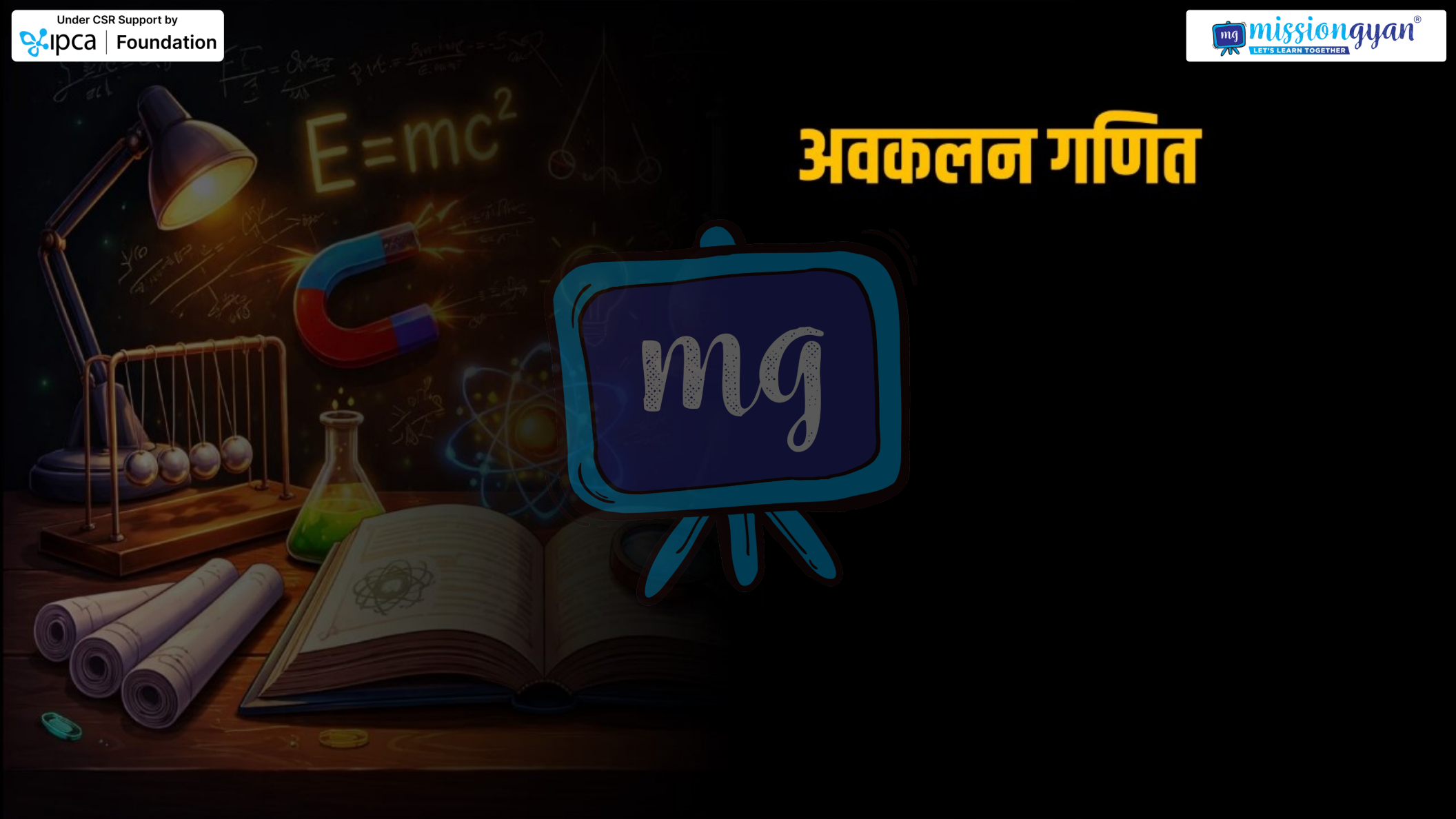
अवकलन गणित



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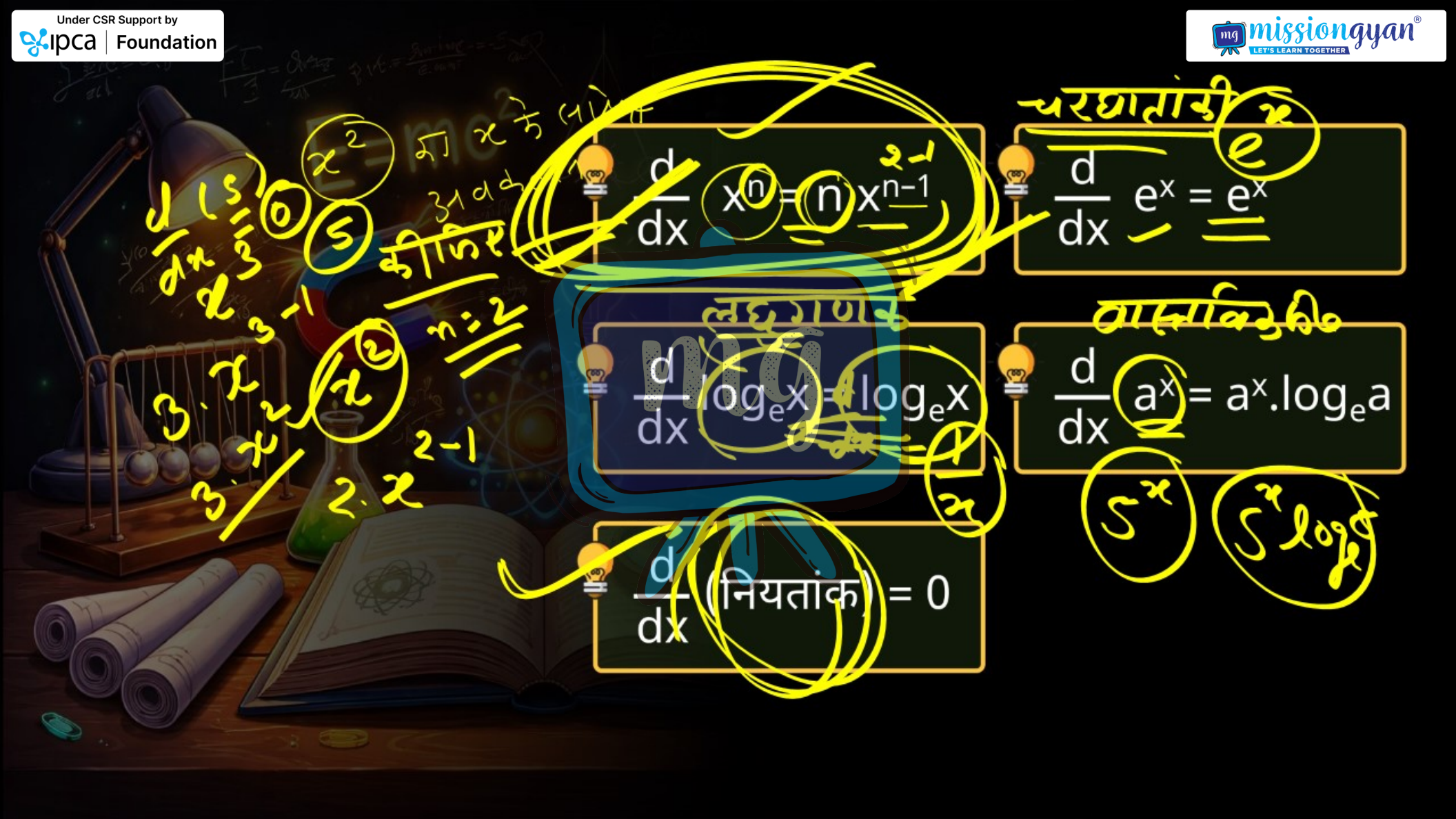

$$\frac{d}{dx}(x^n) = n x^{n-1}$$

$$\frac{d}{dx}(e^x) = e^x$$

$$\frac{d}{dx}(\log_e x) = \frac{1}{x}$$

$$\frac{d}{dx}(a^x) = a^x \cdot \log_e a$$

$$\frac{d}{dx}(\text{नियतांक}) = 0$$

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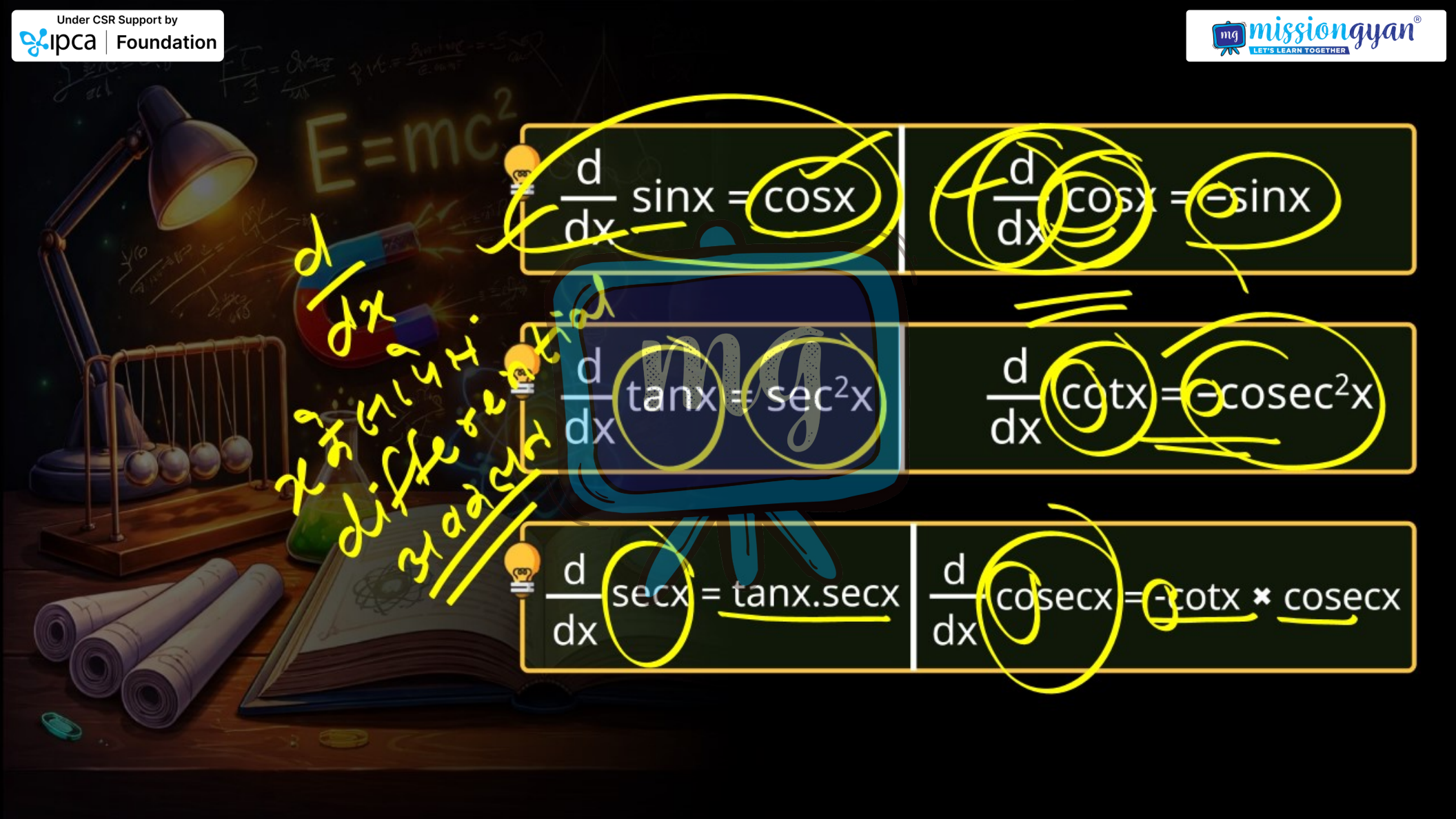

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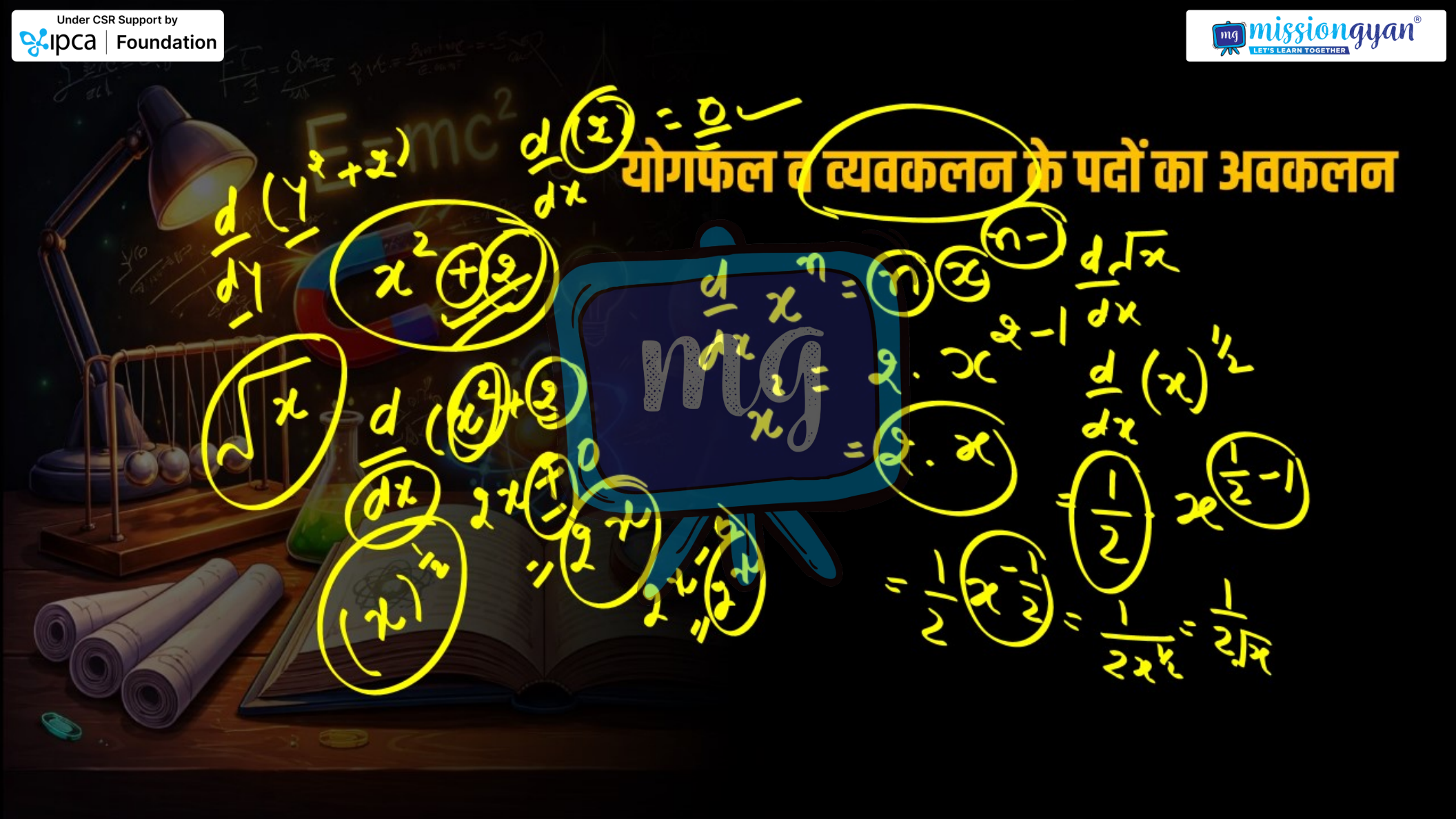

योगफल व व्यवकलन के पदों का अवकलन

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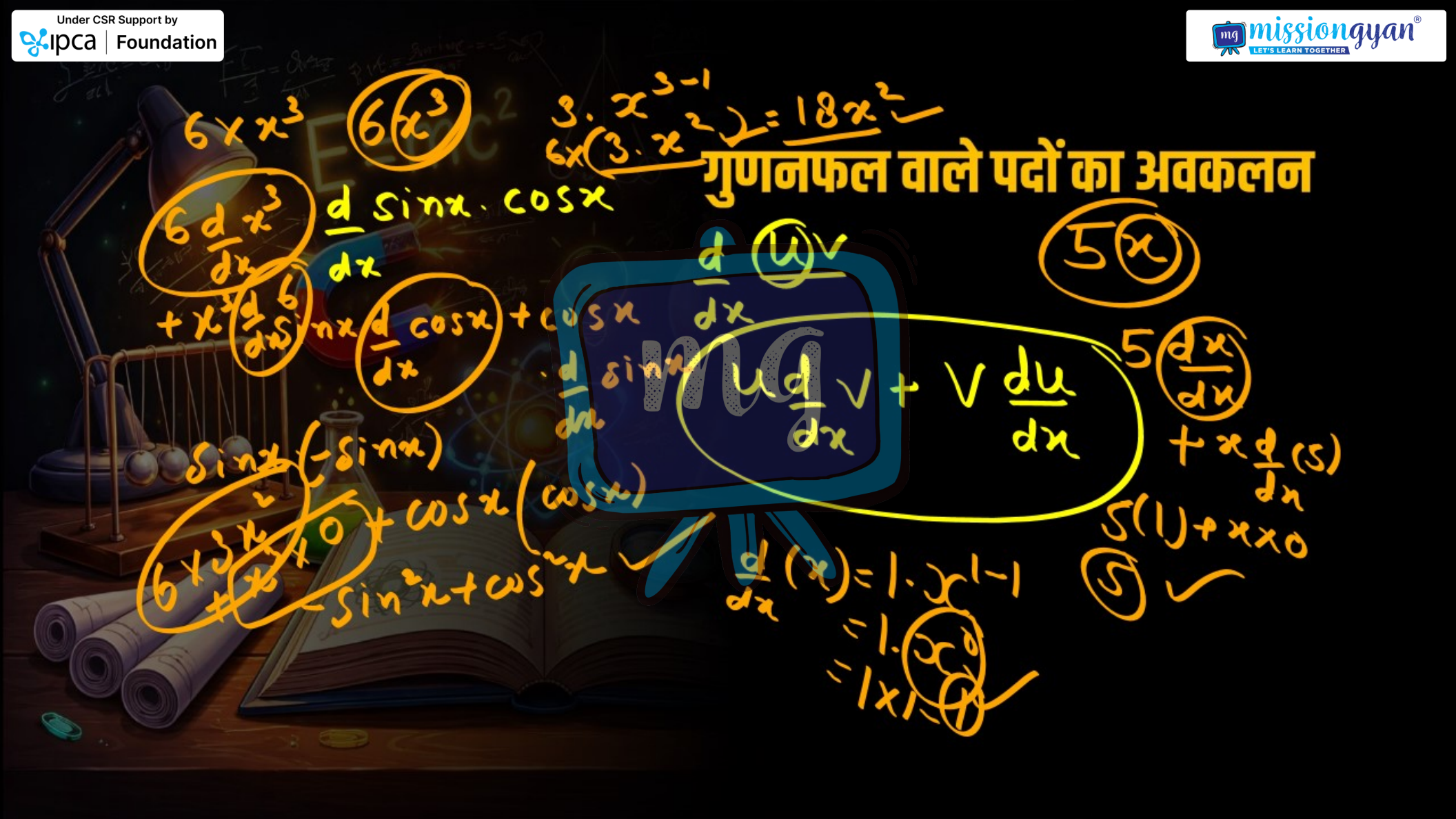

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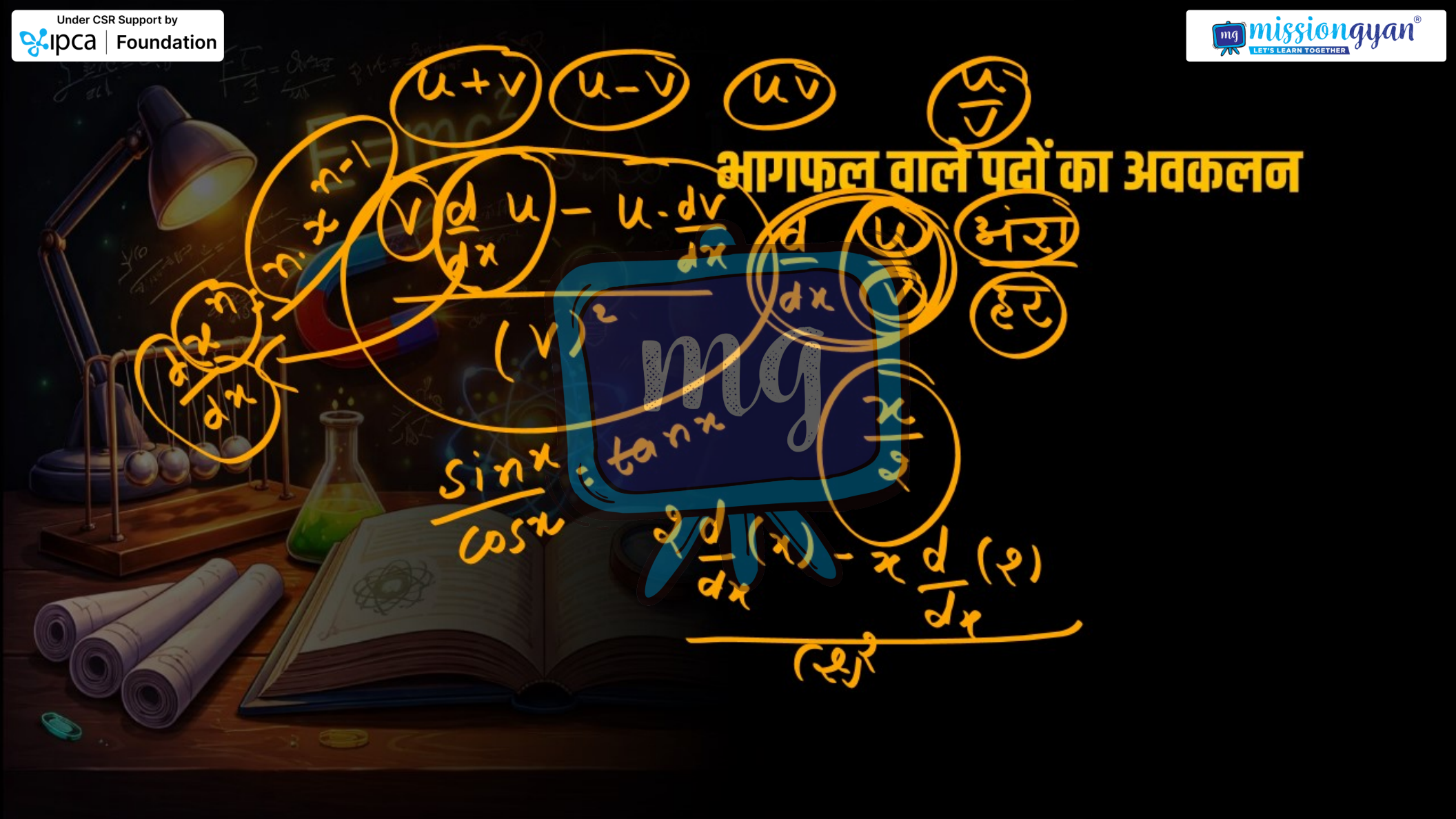

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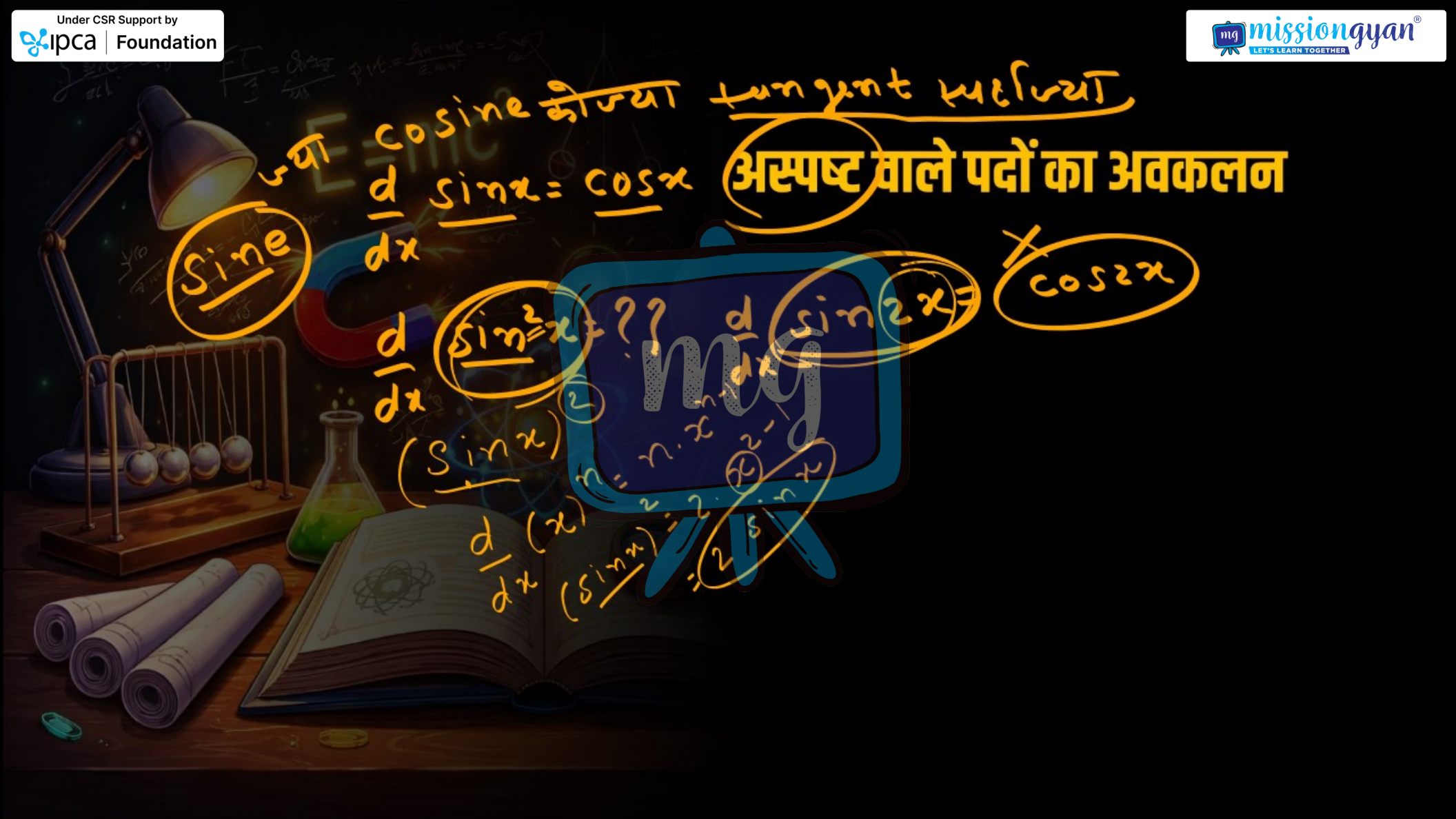

अस्पष्ट वाले पदों का अवकलन

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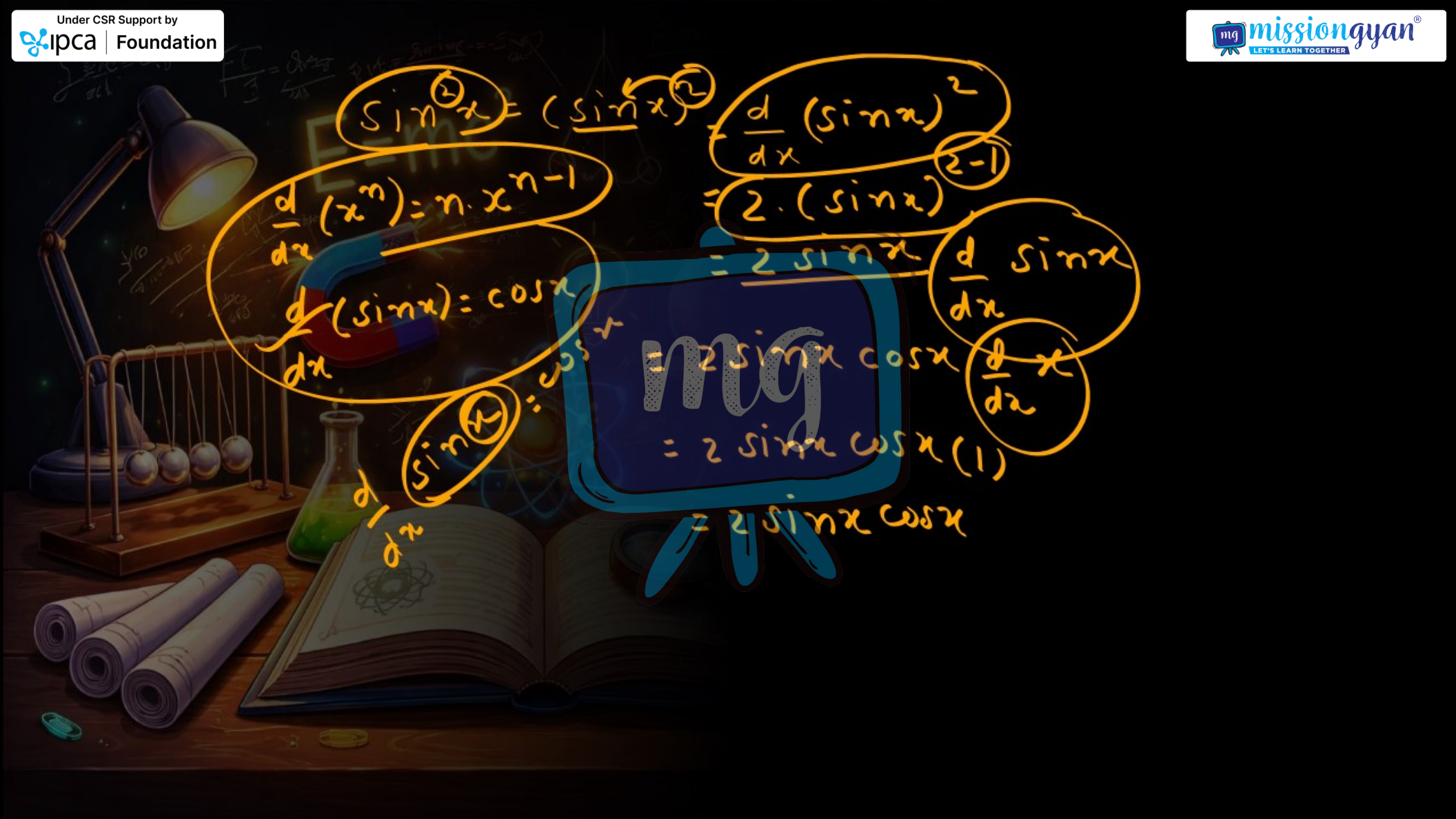

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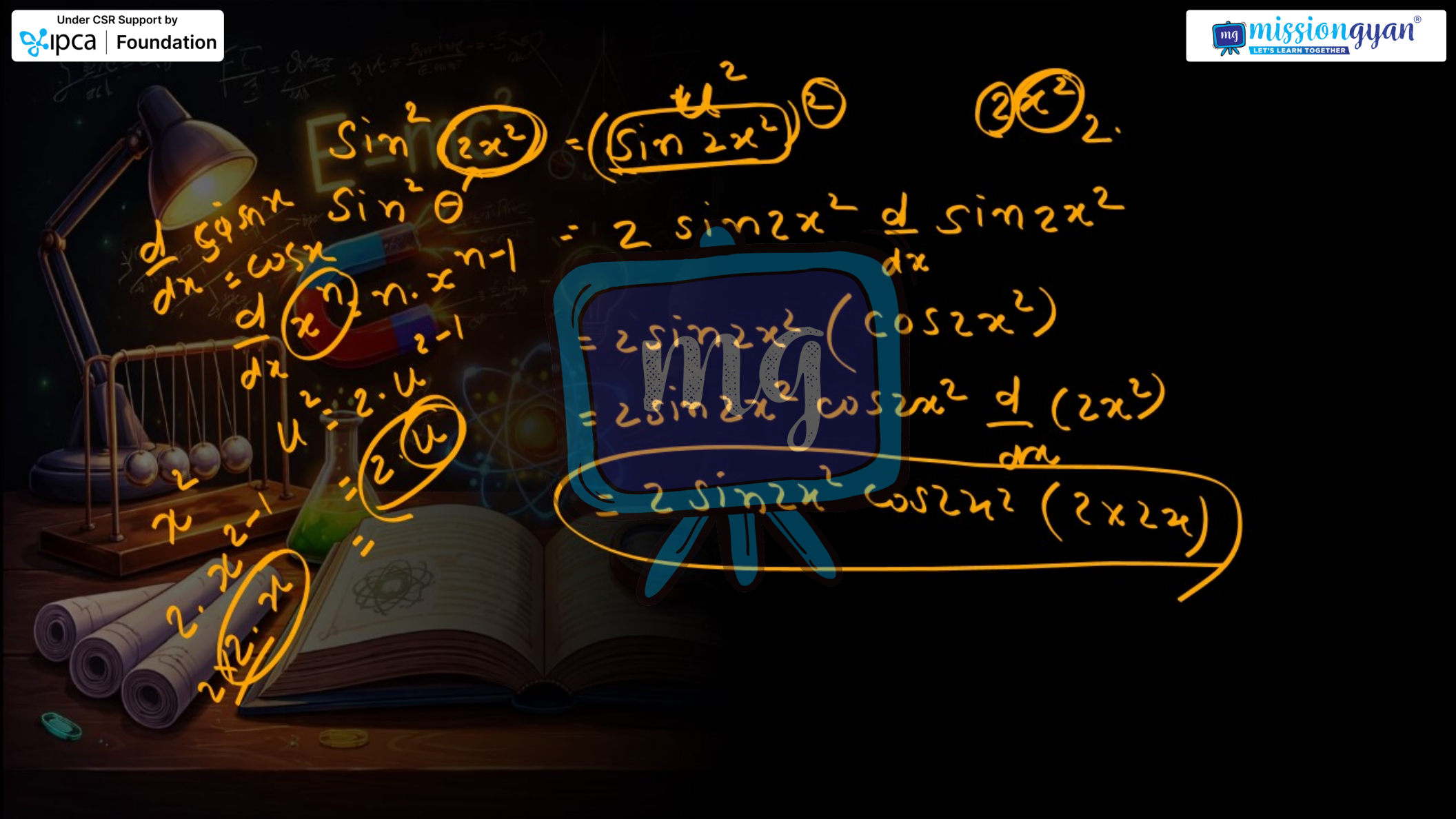

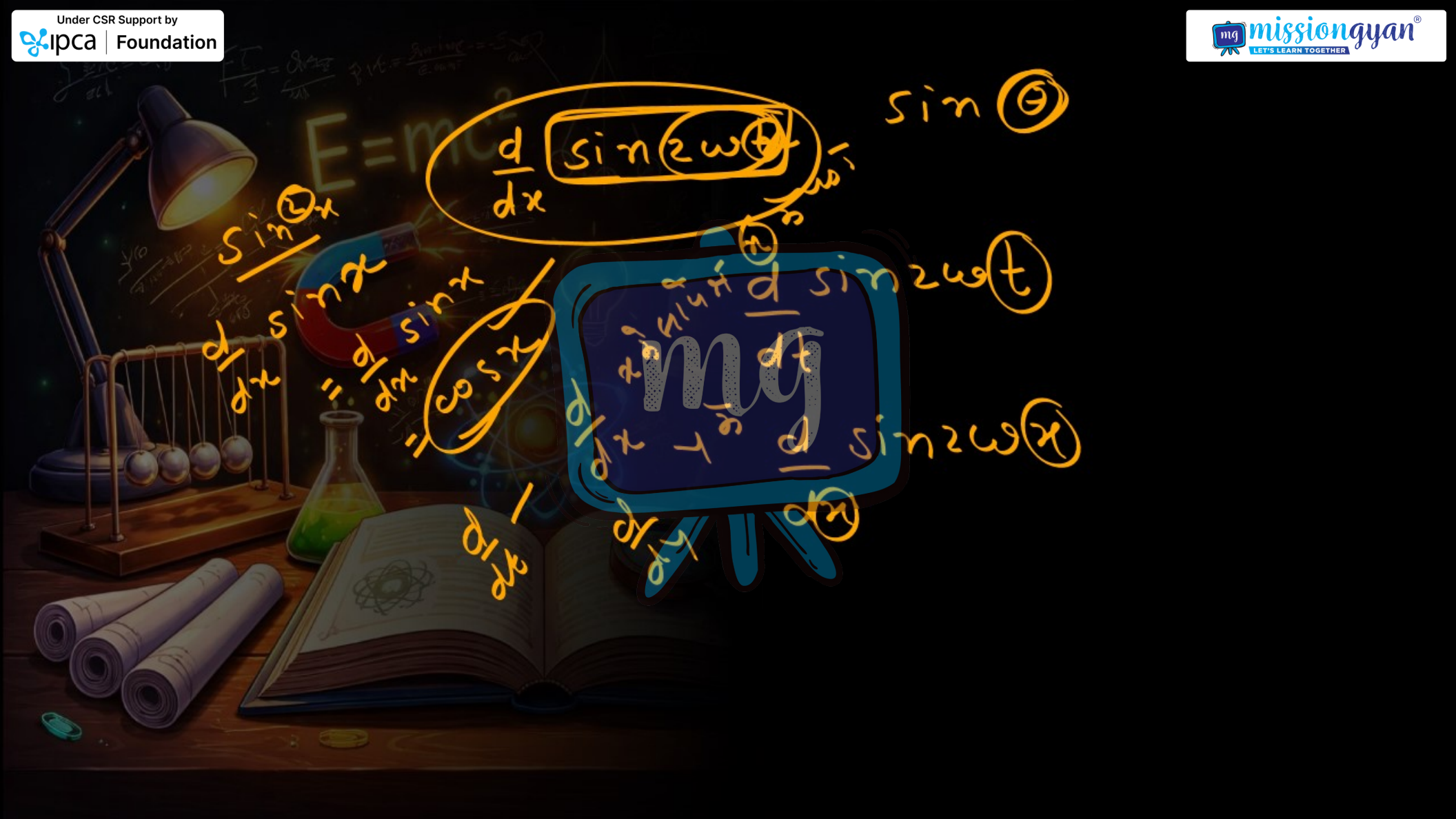
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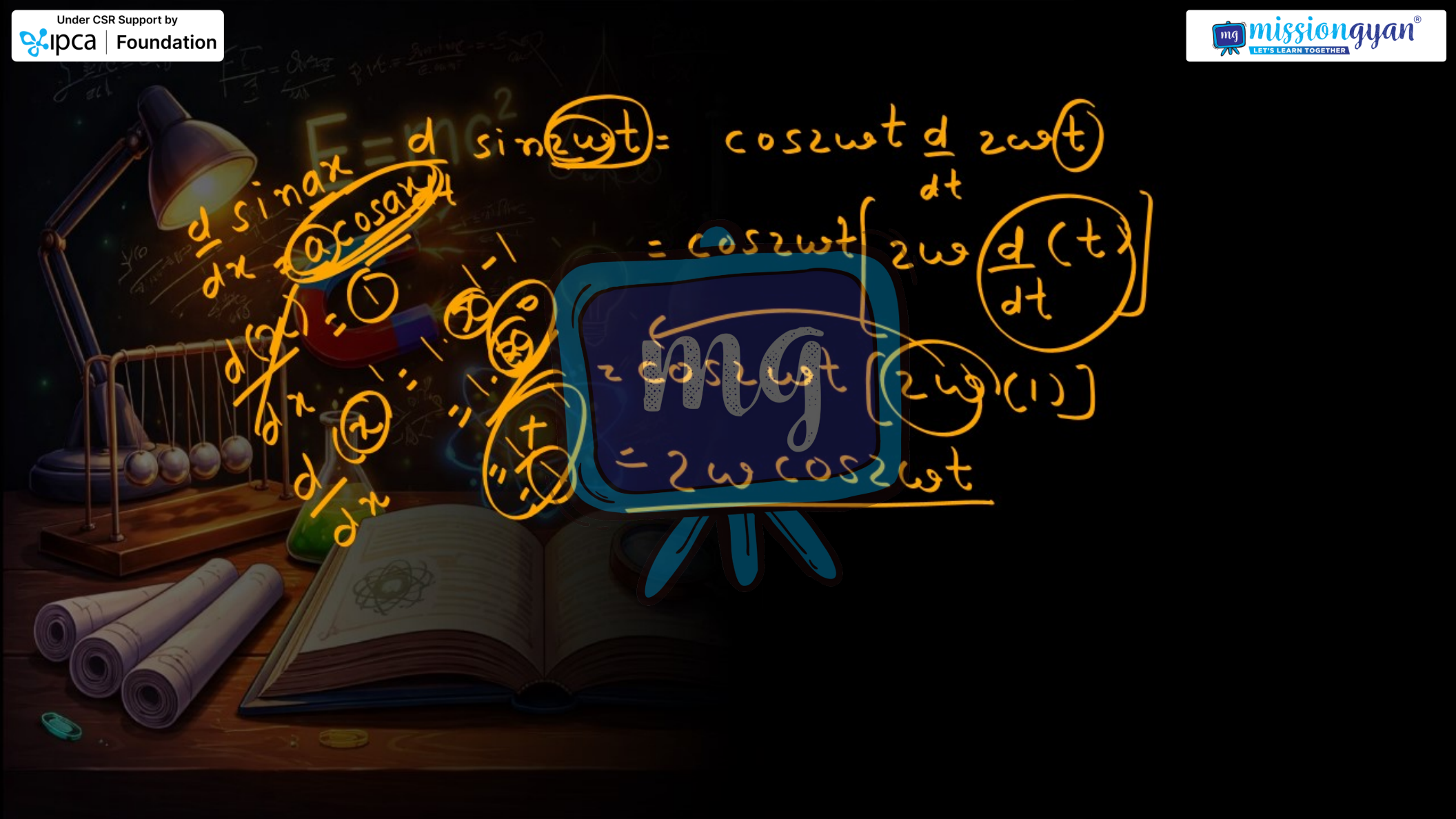

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