

# VIDEO PEMBELAJARAN

## MATERI: CHEMICAL KINETIC

### PART 1

Dapat diakses di: <http://youtu.be/o4NmaS9KwFU> atau  
<http://jeikhsan.wordpress.com/kuliah/>

The screenshot shows a Mozilla Firefox browser window displaying a YouTube video. The video title is "Jaslin Ikhsan: Chemical Kinetic Part 1". The video player shows a man in a patterned shirt standing in front of a green screen with the text "CHEMICAL KINETICS: 1". The screen lists several topics: Rate, Order, Rate law, Rate constant, Half life, and Temperature dependence. To the right of the speaker, there is a potential energy diagram showing the activation energy barrier between reactants and products, and a diagram of a reaction involving orange spheres representing reactants and products, with an activated complex in between. The video player shows a progress bar at 0:27 / 15:00 and 46 views. Below the video, there are options to like, share, and comment. The right sidebar shows a list of related videos, including "Jaslin Ikhsan: Chemical Kinetic Part 2", "Jaslin Ikhsan: Maxwell-Boltzmann Distribution P...", "Jaslin Ikhsan: Collision of Gas Molecules Part ...", "Jaslin Ikhsan: Chemical Kinetic Part 3", "Jaslin Ikhsan: Collision of Gas Molecules Part ...", "Jaslin Ikhsan: Maxwell-Boltzmann Distribution P...", "Jaslin Ikhsan: Chemical Kinetic Part 4", and "IB Chemistry on Kinetics and". The bottom of the screenshot shows the Windows taskbar with the system clock at 6:30.

Jaslin Ikhsan: Chemical Kinetic Part 1 - YouTube - Mozilla Firefox

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Rate of reaction

Symbol:  $R, v$

Stoichiometric equation:  $m A + n B \rightleftharpoons p X + q Y$

Rate: 
$$R = -\frac{1}{m} \frac{dA}{dt} = -\frac{1}{n} \frac{dB}{dt} = \frac{1}{p} \frac{dX}{dt} = \frac{1}{q} \frac{dY}{dt}$$

Jaslin Ikhsan: Chemical Kinetic Part 2 by jaslinikhsan 15:04 27 views

Jaslin Ikhsan: Maxwell-Boltzmann Distribution P... by jaslinikhsan 14:11 186 views

Jaslin Ikhsan: Collision of Gas Molecules Part ... by jaslinikhsan 13:51 55 views

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Jaslin Ikhsan: Chemical Kinetic Part 4 by jaslinikhsan 11:35 22 views

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6:31